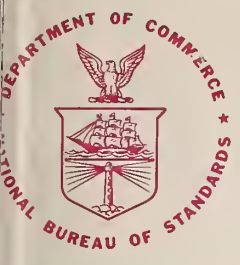

NBS SPECIAL PUBLICATION 428

U.S. DEPARTMENT OF COMMERCE / National Bureau of Standards

Bibliography of Infrared Spectroscopy through 1960

Part 2

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[1] Headquarters and Laboratories at Gaithersburg, Maryland, unless otherwise noted; mailing address Washington, D.C. 20234.
[2] Part of the Center for Radiation Research.
[3] Located at Boulder, Colorado 80302.
[4] Part of the Center for Building Technology.

Bibliography of Infrared Spectroscopy through 1960

Part 2

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CONTENTS

INTRODUCTION

This infrared bibliography is based on a systematic search of the literature on infrared spectroscopy up to the end of 1960. The literature search has been made by going through journals as well as through Chemical Abstracts. The extent of coverage of various journals is shown in lists A, B and C at the end of the Introduction.

As a general rule, any paper of interest in the field of infrared spectroscopy is included. Examples of fringe areas include microwave spectra where rotational constants are given, papers on preparation of chemical compounds where infrared spectra are used for identification, papers on Beer's law, references to mathematical treatments such as group theory and statistical mechanics and so on. Papers on Raman spectroscopy have, however, not been included.

The bibliography has been divided into four sections: I, Organic Compounds; II, Inorganic Compounds (a, of non-metals; b, of metals); III, Polymeric Compounds; and IV, Minerals and Ores. The coverage in each section is as follows.

Section I : This section includes organic compounds containing C, H, D, T, halogens, N, O, P, S, As, B, Se and Si. Molecular complexes like $C_6H_6 \cdot I_2$, $C_4H_6 \cdot C_4H_2O_3$ and $CH_3NH_2 \cdot BF_3$ have also been included in this section; the inorganic components in the molecular complexes are also made up of the elements mentioned earlier.

Section II(a) : In this section, inorganic compounds containing C, H, D, T, halogens, N, O, P, S, As, B, Se, Si and noble gases have been included. Molecular complexes with inorganic components like $BF_3 \cdot NH_3$ and $H_2SO_4 \cdot HNO_3$ are also included in this section; the complexes also contain the elements mentioned earlier.

Section II(b) : In this section, simple and complex compounds of elements not covered in II(a) are included, the elements being arranged alphabetically. Molecular complexes like $SnCl_4 \cdot C_4H_8O_2$ are included in the appropriate sub-section dealing with the metallic element (Sn in this case). Complexes like $NaUO_2(C_2H_3O_2)_3$, $K_4Fe(CN)_6$, $K_3Co(CN)_5NO$, and $K\,PtCl_3(NH_3)$ are included under uranium, iron, cobalt and platinum, respectively, and not under sodium or potassium. A complex like $\left[Co(NH_3)_6\right]^{+3}\left[Cr(CN)_6\right]^{3-}$ (written as $CoC_6H_{18}N_{12}Cr$) would come under the element which comes first in alphabetical order (Co in this case). After the first IIb element, the elements of sections I and IIa are written followed by the other IIb element.

Section III : Molecules like polystyrene $(C_6H_8)_n$, polyethylene $(C_2H_4)_n$, paraldehyde, $(CH_2O)_n$, as well as other polymeric molecules where n is not exactly known are included in this section.

Section IV : Most of the minerals and ores are included in this section.

The bibliography is arranged in the order of empirical formulae of compounds in each of the above categories. The information on each compound is given under the following headings: Empirical formula; Name; Range; State; Remark and Reference.

Empirical Formula : In sections I and II(a), the following order of elements is followed in writing the empirical formulae; C, H, D, T, Br, Cl, F, I, N, O, P, S, As, B, Se and Si (followed by noble gases in section IIa). The following examples would serve to illustrate the order of arrangement.

$C_{13}H_2Cl_{10}N_2O$, $C_{13}H_3F_5N_2O_6$, $C_{13}H_4Cl_2F_6N_2O$, $C_{13}H_4Cl_8N_2O$, $C_{13}H_4F_{20}O_4$, $C_{13}H_5Cl_7N_2O$ .....; CHN, CO_2, H_2O, D_2O...

Compounds with the same empirical formulae are arranged according to the alphabetic order of the names. In section I, compounds are arranged in the order of increasing number of C atoms. In section II(a), C-compounds are followed by hydrogen compounds which are followed by deuterium compounds and so on. In section II(b), compounds are listed according to the alphabetic order of the element symbols (e.g., Ca comes before Cu). The following examples illustrate the manner in which empirical formulae are given in this section: (i) oxalate complex of Cobalt(III) CoC_6O_{12}: (ii) acetylacetone complex of cobalt(III): $CoC_{15}H_{21}O_6$. In section III, the arrangement is similar to sections I and II in the monomer part of the system. The arrangement in section IV can be made clear by taking the example of spodumene $Li_2O{\cdot}Al_2O_3{\cdot}4SiO_2$. The empirical formula of spodumene is shown as $Al_2O_{12}Si_4Li_2$. The first element in the formula is the one that comes first alphabetically among the metallic elements (of section IIb); this is followed by other elements belonging to sections I, IIa and IIb.

Name of the Compound : In naming compounds, the IUPAC rules have been generally followed, although for some compounds trivial names have also been used when these are well known. The names of transition metal complexes have been simplified in the following manner:

$Pd_2C_{36}H_{30}Cl_4P_2$	Chlorotriphenylphosphinepalladium(II)-μ-dichlorochlorotriphenylphosphinepalladium(II)	Palladium(II)-chloride, triphenylphosphine complex

Ligands are written in the alphabetical order of their names.

Range : This gives the range of the wavelength over which the measurements are carried out. Whenever the range is not mentioned in the paper or abstract, we have omitted this information. When units are not mentioned, they are in cm^{-1}.

State : This defines the physical state of the compound in which the measurements are carried out. The code used is as follows: S = solid, mull, crystal, pellet or film; L = liquid; G = gas or vapor; Sol = solution.

Remark : This column indicates what the paper is about in a couple of words. The abbreviations used in this column are as follows:

Absorp, Abs	-	Absorption
Act	-	Activation
Amp	-	Amplitude
Anal	-	Analysis
Assign	-	Assignments
Assoc	-	Association
Calc	-	Calculation
Char	-	Characteristic
Compar	-	Comparison
Compd	-	Compound
Config	-	Configuration
Const	-	Constants
Corr	-	Correlation
Decomp	-	Decomposition
Depol	-	Depolarization

Dispers	-	Dispersion
Disso	-	Dissociation
Dist	-	Distance
Distinct	-	Distinction
Elect	-	Electron
Excit	-	Excitation
Ext coeff	-	Extinction coefficient
Fact	-	Factor
FC	-	Force constants
Freq	-	Frequencies
Gr	-	Group
H bond	-	Hydrogen bond
I	-	Intensity
Ident	-	Identification
Int	-	Internal
Intermol	-	Intermolecular
IR	-	Infrared
Iso	-	Isomerism
Mag	-	Magnetic
Micro	-	Microwave
Mol	-	Molecular
Mom inert	-	Moment of Inertia
NCA	-	Normal coordinate analysis
OD	-	Optical Density
Pert	-	Perturbation

Pot func	-	Potential function
Prep	-	Preparation
Prop	-	Properties
Press	-	Pressure
Qual	-	Qualitative
Quant	-	Quantitative
Quant mech	-	Quantum mechanics
Ref	-	Reference
Refl	-	Reflectance
Rot vib	-	Rotation vibration
Sens	-	Sensitive
Sp	-	Specific
Spec	-	Spectrum
Struc, Struct	-	Structure
Substi	-	Substitution
Taut	-	Tautomerism
Temp	-	Temperature
Theo	-	Theoretical
Thermo	-	Thermodynamics
Trans	-	Transmission
Vib	-	Vibrations

Reference : This column gives the literature reference. The reference is complete except that only the name of the first author is given. The reference is arranged in the order: Author, Journal, Volume, Year and Page. The codes used for the journals are given in the accompanying lists A, B and C. A typical reference is as follows: Herzberg, JCP 17 (1949) 1099. For any given compound,

references are generally arranged in chronological order. In cases where there are more than one reference in the same year, the references are arranged according to the alphabetical order of the authors.

LIST OF JOURNALS COVERED

List 'A'

(Journals covered till the end of 1960)

Code	Journal
AC	Anal. Chem.
ACS	Acta Chem. Scandinavica
AJC	Australian J. Chem.
AJP	Australian J. Phys.
AJSR	Australian J. Sc. Res.
AMS	Am. Sci.
APS	Appl. Spectroscopy
BCSJ	Bull. Chem.Soc. Japan
CJC	Can. J. Chem.
CJP	Can. J. Physics
CJR	Can. J. Research (A series)
CR	Chem. Rev.
CS	Current Science
IJP	Ind. J. Phys.
JACS	J. Am. Chem. Soc.

Code	Journal
JAP	J. Appl. Phys.
JCP	J. Chem. Phys.
JCS	J. Chem. Soc.
JINC	J. Inorg. & Nucl. Chem.
JMP	J. Mol. Phys.
JMS	J. Mol. Spect.
JOC	J. Org. Chem.
JOSA	J. Opt. Soc. Am.
JPC	J. Phys. Chem.
JPS	J. Polymer Sci.
JRNB	J. Res. NBS
JSI	J. Sci. Instr.
MC	Makcromol Chem.
MP	Mol. Phys.
N	Nature
OS	Opt. Spectroscopiya
PIAS	Proc. Ind. Acad. Sci.
POL	Polymer
PR	Phys. Rev.
PRS	Proc. Roy. Soc. (London)
RMP	Rev. Mod. Phys.
RSI	Rev. Sci. Instr.
SA	Spect. Acta
TE	Tetrahedron
TFS	Trans. Faraday Soc.

List 'B'

(Journals covered through a search in Chemical Abstracts for the years 1958-1961)

A	Ann
AAN	Atti Accad Nazl Lincei, Rend. Classe, Sci. Fis; mat. e. nat.
ABB	Arch. Biochem. Biophys.
ACR	Acta Cryst
AF	Arikiv Fysik
AM	Am. Minerologist
ANA	Analyst
ANC	Angew. Chem.
ANCR	Ann. Chim. (Rome)
ARK	Arkiv. Kemi
ARS	Anales real soc espan fis y quim (Madrid) Ser.
BAPS	Bull. Am. Phys. Soc.
BASU	Bull. Acad. Sci. U.S.S.R., Phys. Ser.
BSCF	Bull. Soc. Chim. France
CCA	Creat Chem. Acta
CCCC	Collection Czechoslov. Chem. Sommuns.
CIL	Chem. Ind (London)
CPBT	Chem. Pharm. Bull. (Tokyo)
CPR	Compt. Rend.
DA	Dissertation Abstr.
DANS	Doklady Akad Nauk. SSSR

FTT	Fiz Tverdogo Tela
GCI	Gazz Chim. ital.
HCA	Helv. Chim. Acta
IANS	Izvest. Akad. Nauk. SSSR Ser. Fiz.
JAFC	J. Agr. Food Chem.
JAOC	J. Am. Oil Chemists Soc.
JAPCL	J. Appl. Chem. (London)
JAPS	J. Appl. Polymer Sci.
JBC	J. Biological Chem.
JCE	Journal of Chemical Education
JCSJ	J. Chem. Soc. Japan
JIIS	J. Indian Inst. Sci.
JPR	J. Phys. radium
JPRC	J. Pract. Chem.
JPSJ	J. Phys. Soc. Japan
JSIR	J. Sci. Ind. Res.
KKZ	Kogyo Kagaku Zasshi
NC	Nuovo Cimento
NKZ	Nippon Kagaku Zasshi
NWS	Naturwissenschaften
P	Physica
PCS	Phys. and Chem. of Solids
PPSL	Proc. Phys. Soc. (London)
PRCS	Proc. Chem. Soc.
QRL	Quarterly Revs. (London)
RTC	Rec. Trav. Chim.

SK	Soumen Kemistilehti
TEL	Tetrahedron Letters
UFZ	Ukrain Fiz. Zhur
ZAC	Z. anal. Chem.
ZAUA	Z. anorg. U. allgem. Chem.
ZE	Z. Electrochem.
ZN	Z. Naturforsch
ZOK	Zhur. Obshchei. Khim.
ZP	Z. Physik.

List 'C'

(Journals covered by the NBS Group in their data collection up to (approx) 1956, but not included in Lists A and B)

AMAF	Akriv Mat. Astron. Fysik
ASS	Ann. Soc. Sci. Bruxells
BBA	Biochim et. Biophy. Acta
BBS	Bull B S
CIC	Chem. in Canada
DFS	Disc. Far. Soc.
IE	Ind. Eng. Chem.
IEC	Ind. Eng. Chem. (Anal. Ed.)
JA	Jap. Analyst
JP	J. Physique
JPCC	J. Phys. & Coll. Chem.
JPJ	J. Pharm. Japan

PNAS	Proc. NAS
RPCJ	Rev. Phys. Chem. Jap.
ZPC	Z. Physik. Chem. Frankfurt

$C_9H_{15}NO_3S$	Actithiazic acid	-	-	Spec	Sobin	JACS	74 (1952)	2947
$C_9H_{15}NO_3S$	1-2-(5-Carboxypentyl)-4-thiazolidone	-	S	Freq	McLamore	JACS	74 (1952)	2946
		-	S,Sol	Struct	McLamore	JACS	75 (1953)	105
$C_9H_{15}NO_3S$	2-(4-Carboxybutyl)-4-thiazolidone methyl ester	-	Sol	Freq	Pennington	JACS	75 (1953)	109
$C_9H_{15}NO_5$	Diethyl acetamido-malonate	2-15μ	S	Spec, Freq	Abramovitch	CJC	36 (1958)	151
$C_9H_{15}NO_5S$	1 2-(5-Carboxypentyl)-4-thiazolidone sulfone	-	S	Band freq	McLamore	JACS	74 (1952)	2946
$C_9H_{15}NO_6$	1,2-Dicarbomethoxy-3-methyl-3-nitrobutane	2.5-8μ	Sol	Spec, Struct	Magee	JOC	19 (1954)	168
$C_9H_{15}NSi$	Dimethylphenylsilyl-methylamine	-	-	Absorption	Noll	JACS	73 (1951)	3871
$C_9H_{15}N_3$	2,4,6-Triethyl-s-triazine	1-15μ	Sol	Spec, Ident	Cairnus	JACS	74 (1952)	5633
		2-15μ	Sol	Spec	Goubeau	JPC	58 (1954)	1078
$C_9H_{15}N_3O_3$	Hexahydro-1,3,5-triacetyl-s-triazine	650-3500	S	Spec	Gradsten	JACS	70 (1948)	3079
$C_9H_{15}N_7$	5,7-Diamino-3-n-amyl-s-triazolo[4,3-a]-s-triazine	-	-	Freq	Kaiser	JOC	18 (1953)	1610
C_9H_{16}	2-n-Amyl-1,3-butadiene	650-3900	-	Spec	Marvel	JACS	70 (1948)	3842
C_9H_{16}	α-Cyclogeranioline	700-1500	L	Spec	Bateman	JCS	- (1952)	1714
C_9H_{16}	cis-Cyclononene	2-15μ	L	Spec	Blomquist	JACS	74 (1952)	3643
		-	-	Ident	Cope	JACS	77 (1955)	1628

C_9H_{16}	trans-Cyclononene	3-16 μ	L	Spec	Blomquist	JACS	74 (1952)	3643
		-	-	Ident	Cope	JACS	77 (1955)	1628
C_9H_{16}	2-Cyclopropyl-1-hexene	-	L,Sol	Freq	Slabey	JACS	76 (1954)	3604
C_9H_{16}	2-Cyclopropyl-2-hexene H.B.	-	L,Sol	Freq	Slabey	JACS	76 (1954)	3604
C_9H_{16}	2-Cyclopropyl-2-hexene L.B.	-	L,Sol	Freq	Slabey	JACS	76 (1954)	3604
C_9H_{16}	2,6-Dimethyl-1,3-heptadiene	-	-	Freq	Bateman	JCS	- (1952)	1714
C_9H_{16}	2,6-Dimethyl-2,4-heptadiene	-	-	Freq	Bateman	JCS	- (1952)	1714
C_9H_{16}	2,6-Dimethyl-2,5-heptadiene	700-1500	L	Spec	Bateman	JCS	- (1952)	1714
C_9H_{16}	2,6-Dimethyl-2,6-heptadiene	700-1500	L	Spec, Freq	Bateman	JCS	- (1952)	1714
C_9H_{16}	2,2-Dimethylnorpinane	5-16 μ	-	Spec	Ipatieff	JACS	73 (1951)	4098
C_9H_{16}	Geraniolene	-	-	Quant Mech.	Mulliken	JCP	7 (1939)	121
		700-2650	L	Spec	Sheppard	JCS	- (1947)	1540
		-	Sol	Ext coefficient	Barnard	JCS	- (1950)	915
C_9H_{16}	cis-Hexhydroindan	2-16 μ	L	Spec	Entel	AC	25 (1953)	1303
C_9H_{16}	2-Methylbicyclo[3.2.1] octane	670-1450	L	Spec, Ident	Ipatieff	JOC	17 (1952)	272
C_9H_{16}	2-Methyl-3-n-butyl-1,3-butadiene	-	-	Absorption	Marvel	JACS	74 (1952)	1506
C_9H_{16}	7-Methyl-1,6-octadiene	6.07-14 μ	-	Freq	Pines	JACS	76 (1954)	4417
C_9H_{16}	1-Methyl-trans-2-iso-propenylcyclopentane	6.07-13 μ	-	Freq	Pines	JACS	76 (1954)	4417

C_9H_{16}	1-Methyl-1-vinylcyclo-hexane	-	-	Freq	Parker	JCS	-	(1955) 1723
C_9H_{16}	Spiro[3.5] nonane	-	-	Ident	Buchman	JACS	75	(1953) 6228
C_9H_{16}	1,1,3-Trimethyl-4-cyclo-hexene	-	-	Freq	Pines	JACS	75	(1953) 6226
$C_9H_{16}BrNO_2$	Scopoline methyl bromide	865-3180	S	Freq, Ident	Moffett	JACS	77	(1955) 1245
$C_9H_{16}BrNO_2$	Scopine methyl bromide	851-1187	S	Freq	Moffett	JACS	77	(1955) 1245
$C_9H_{16}ClNO_3$	Ethyl N-butyl-N-chloroacetylcarbamate	650-4000	Sol	Spec	Pianka	JCS	-	(1960) 983
$C_9H_{16}ClNO_3$	Hexyl N-chloroacetyl-carbamate	650-4000	Sol	Spec	Pianka	JCS	-	(1960) 983
$C_9H_{16}ClNO_4$	$\Delta^{5(10)}$-Dehydroquinolizi-dinium perchlorate	-	S	Freq	Lenoard	JACS	77	(1955) 439
$C_9H_{16}Cl_2F_2Si$	2,2-Dichloro-3,3-difluoro-cyclobutylethyltrimethyl-silane	10.85-11.1 μ	-	Freq	Park	JOC	25	(1960) 1628
$C_9H_{16}Cl_2O_3$	Bis-1,2-dimethyl-2-chloro-ethyl carbonate	-	S	Freq, Struct	Hales	JCS	-	(1957) 618
$C_9H_{16}Cl_2O_3$	Di-1-methyl-2-chloro-2-methylethyl carbonate	-	Sol	Freq, Struct	Hales	JCS	-	(1957) 618
$C_9H_{16}IN$	Δ^{1}-Dehydroquinolizidinium iodide	-	S	Band study	Leonard	JACS	77	(1955) 439
$C_9H_{16}F_4Si$	2,2,3,3-Tetrafluorocyclo-butylethyltrimethyl-silane	10.85-11.1 μ	-	Freq	Park	JOC	25	(1960) 1628

$C_9H_{16}NO_7P$	Pantothenic acid-2',4'-phosphate	2-15 μ	-	Spec	Banddiley	JCS	-	(1952) 3783
$C_9H_{16}N_2O_2$	N-Acetylpiperidine-α-carboxylic acid N-methylamide	2.8-3.6 μ	Sol	Spec	Mizushima	JACS	76	(1954) 6003
$C_9H_{16}N_2O_2$	N-Nitrosotriacetonamine	2-15 μ	S	Spec	Earl	JCS	-	(1951) 2207
$C_9H_{16}N_2O_2$	3-Isopropyl-4-acetyl-2-piperazinone	-	Sol	Freq, I	Hodgson	JACS	76	(1954) 1137
$C_9H_{16}N_2O_2$	Sedormid	2-16 μ	Sol	Spec, Freq	Umberger	AC	24	(1952) 1309
$C_9H_{16}N_4O_4$	2-N,N-(β-Hydroxyethyl) amino-4,6-dimethoxy-s-triazine	2-15 μ	S	Assign	Reimschuessel	JACS	82	(1960) 3756
$C_9H_{16}N_6$	N-Cyclohexylmelamine	2-16 μ	S	Spec, Struct, Assign	Padgett	JACS	80	(1958) 803
$C_9H_{16}O$	Cycloheptyl methyl ketone	5-7 μ	-	Freq	Friess	JACS	74	(1952) 1302
$C_9H_{16}O$	Cyclononanone	2-15 μ	L	Spec	Blomquist	JACS	74	(1952) 3643
		-	-	Ident	Cope	JACS	77	(1955) 1628
		-	Sol	Carbonyl group study	Leonard	JACS	80	(1958) 6039
		-	Sol	Freq	Burer	HCA	43	(1960) 1487
$C_9H_{16}O$	cis-Ethyl 5-methyl-2-cyclohexenyl ether	-	-	Analysis	Goering	JACS	77	(1955) 1129
$C_9H_{16}O$	trans-Ethyl 5-methyl-2-cyclohexenyl ether	-	-	Analysis	Goering	JACS	77	(1955) 1129
$C_9H_{16}O$	2-Methyloctahydrobenzofuran	2-16 μ	L	Spec	Entel	JACS	73	(1951) 4152
$C_9H_{16}O$	2-Methyl-3-octynol-2	2-16 μ	L	Spec	Wotiz	JACS	72	(1950) 5055

$C_9H_{16}O$	2-Methyl-5-isopropyl-cyclopentanone	-	L	Freq	Meinwald	JACS	76	(1954) 4571
$C_9H_{16}O$	3-Nonynol-2	2-16μ	L	Spec	Wotiz	JACS	72	(1950) 5055
$C_9H_{16}O$	2,2,3,5-Tetramethyl-3,5-methylenetetrahydro-furan	950-1700	Sol	Freq, Struct	Sulzbacher	JACS	75	(1953) 3859
$C_9H_{16}O$	2,2,6-Trimethylcyclo-hexanone	400-400	Sol	Spec	Cummins	JCS	-	(1957) 3847
$C_9H_{16}O_2$	5-Isobutoxy-4-pentenal	-	-	Band study	Smith	JACS	74	(1952) 2018
$C_9H_{16}O_2$	3-n-Butyl-2,4-pentane-dione	2.5-6.5μ	L	Freq, Assign	Martin	JACS	81	(1959) 130
$C_9H_{16}O_2$	Cyclohexyl propionate	2-15μ	L	Assign	Walton	JACS	79	(1957) 3985
$C_9H_{16}O_2$	Cyclooctanecarboxylic acid	2-16μ	Sol	Spec	Cope	JACS	74	(1952) 173
$C_9H_{16}O_2$	2-Ethylbutyl acrylate	2-15μ	L	Spec, Assign	Walton	JACS	79	(1957) 3985
$C_9H_{16}O_2$	Hexyl acrylate	2-15μ	L	Assign	Walton	JACS	79	(1957) 3985
$C_9H_{16}O_2$	2-Methoxycarbonyl-hept-1-ene	-	Sol	Freq, Spec	Potts	SA	15	(1959) 679
$C_9H_{16}O_2$	Methyl cyclohexyl-acetate	828-1311	-	Ident	Loftfield	JACS	76	(1954) 35
$C_9H_{16}O_2$	Methyl 1-methylcyclo-hexanecarboxylate	762-1308	-	Ident	Loftfield	JACS	76	(1954) 35
$C_9H_{16}O_2$	1-octene-3-carboxylic acid	-	-	Struct	Bateman	JCS	-	(1950) 941
$C_9H_{16}O_2$	1,5-Pentyl divinyl ether	-	-	Ident	Adelman	JACS	75	(1953) 2678

$C_9H_{16}O_3$	2,2-Dimethyl-6-hydroxy-cyclohexanecarboxylic acid	600-3800	-	Spec	Gamboni	HCA	37 (1954)	964
$C_9H_{16}O_3$	3,5-Dimethyl-3-methoxy-methyl-6-oxotetrahydro-pyran	-	-	Freq	Hall	JCS	- (1954)	4303
$C_9H_{16}O_3$	Ethyl β,β-Dimethyl-α-ethylglycidate	1600-1800	Sol	Freq, Assign	House	JACS	80 (1958)	6389
$C_9H_{16}O_3$	Geronic acid	-	-	Ident	Meinwald	JACS	77 (1955)	1617
$C_9H_{16}O_3$	1-Glycoloylcycloheptanol	-	Sol	Freq, I	Billimoria	JCS	- (1954)	3257
$C_9H_{16}O_3$	1-Glycoloyl-2-methyl-cyclohexanol	-	L,Sol	Freq	Billimoria	JCS	- (1953)	2626
$C_9H_{16}O_3$	1-Glycoloyl-4-methyl-cyclohexanol	-	L	Freq, I	Billimoria	JCS	- (1954)	3257
$C_9H_{16}O_3$	7-Methoxy-1,4-dimethyl-6,8-dioxabicyclo[3.2.1] octane	-	-	Freq	Hall	JCS	- (1953)	1398
$C_9H_{16}O$	2-Methoxymethyl-2,4-dimethylpentane-1,5-dial	-	-	Purity tested	Hall	JCS	- (1954)	4303
$C_9H_{16}O_4$	Azelaic acid	2.8-4.0μ	Sol	Spec, H bond	Wall	JACS	61 (1939)	2812
		670-2000	L,S	Spec	Corish	JCS	- (1955)	2431
$C_9H_{16}O_4$	Diethyl ethylmalonate	2-15μ	Sol	Spec	Washburn	AC	27 (1955)	1812
		13.52μ	Sol	Quant analysis	Washburn	AC	29 (1957)	1718
		2-15μ	Sol	Spec, Freq	Abramovitch	CJC	36 (1958)	151
		1700-1800	L,Sol	Iso, Freq	Abramovitch	CJC	37 (1959)	1146
$C_9H_{16}O_4$	Diethyl glutarate	670-3500	L,S	Spec, Config	Corish	JCS	- (1958)	927

$C_9H_{16}O_4$	Ethyl β,β-diethoxy-acrylate	2-15μ	-	Freq, Struct	Rasmussen	JACS	71	(1949)	1073
$C_9H_{16}O_5$	Methyl 3,6-anhydro-2,4-di-O-methyl-β-D-galactopyranoside	700-1000	S	Freq, I	Barker	JCS	-	(1954)	4550
$C_9H_{16}O_5$	α-Methyl 3,6-anhydro-2,4-di-O-methyl-D-mano-pyranoside	700-1000	S	Freq, I	Barker	JCS	-	(1954)	4550
		700-1010	-	Freq	Foster	JCS	-	(1954)	3367
$C_9H_{16}O_5$	β-Methyl 3,6-anhydro-2,4-di-O-methyl-D-manno-pyranoside	700-1000	S	Freq, I	Barker	JCS	-	(1954)	4550
		700-1010	-	Freq	Foster	JCS	-	(1954)	3367
$C_9H_{16}O_5$	Methyl 3,6-O-isopropylidine-α-D-xylofuranoside	-	-	Struct	Baker	JACS	77	(1955)	7
$C_9H_{16}O_5$	Methyl 3,5-O-isopropylidine-β-D-xylofuranoside	-	L	Freq	Baker	JACS	77	(1955)	7
$C_9H_{16}O_5$	6-Deoxy-L-mannopyranose	2-15μ	S	Spec, Config	Isbell	JRNB	57	(1956)	179
	1,2-(methyl ortho-acetate)	2-15μ	S	Spec	Tipson	JRNB	62	(1959)	257
$C_9H_{16}O_6$	1,2-O-Isopropylidene-D-galactopyranose	2-15μ	S	Spec	Tipson	JRNB	62	(1959)	257
$C_9H_{16}O_6$	1,2-O-Isopropylidene-D-glucofuranose	8-15μ	S	Spec	Kuhn	AC	22	(1950)	276
		2-15μ	S	Spec	Tipson	JRNB	62	(1959)	257
$C_9H_{16}O_6$	1,2-O-Isopropylidene-L-idofuranose	2-15μ	S	Spec	Tipson	JRNB	62	(1959)	257
$C_9H_{16}O_6$	2,3,5-Tri-O-methyl-D-galcatono-γ-lactone	1700-1800	S	Freq	Barker	CIL	-	(1958)	658
$C_9H_{16}O_6$	2,3,6-Tri-O-methyl-D-galactono-γ-lactone	1700-1800	S	Freq	Barker	CIL	-	(1958)	658

$C_9H_{16}O_6$	3,5,6-Tri-O-methyl-D-glucono-γ-lactone	1700-1800	S	Freq	Barker	CIL	-	(1958) 658
$C_9H_{16}O_6$	2,3,4-Tri-O-methyl-D-mannono-δ-lactone	1700-1800	S	Freq	Barker	CIL	-	(1958) 658
$C_9H_{16}O_6$	2,3,5-Tri-O-methyl-D-mannono-γ-lactone	1700-1800	S	Freq	Barker	CIL	-	(1958) 658
$C_9H_{16}O_6$	2,3,6-Tri-O-methyl-D-mannono-γ-lactone	1700-1800	S	Freq	Barker	CIL	-	(1958) 658
$C_9H_{16}O_6$	3,4,6-Tri-O-methyl-D-mannono-δ-lactone	1700-1800	S	Freq	Barker	CIL	-	(1958) 658
$C_9H_{16}S$	2,2,6,6-Tetramethyl-thiacyclohexene-3	-	-	Ident	Naylor	JCS	-	(1949) 2749
		-	-	Spec	Glayebrook	JCS	-	(1954) 2094
$C_9H_{16}S$	cis-2-Thiadecalin	2-15μ	L	Spec	Birch	JOC	19	(1954) 1449
$C_9H_{16}S$	trans-2-Thiadecalin	2-15μ	L	Spec	Birch	JOC	19	(1954) 1449
$C_9H_{17}Br_2NO$	2-Bromopseudotropine-N-methobromide	-	S	Ident	Nickson	JACS	77	(1955) 4094
$C_9H_{17}ClO_3$	2-Ethylhexyl chloro carbonate	-	S	Freq	Ory	SA	16	(1960) 1488
$C_9H_{17}N$	1-n-Butyl-2-methyl-Δ^2-pyrroline	-	L	Freq	Leonard	JACS	76	(1954) 2781
$C_9H_{17}N$	1-Butyl-1,2,5,6-tetrahydropyridine	3-4μ	L,Sol	Freq	Tallent	AC	28	(1956) 953
$C_9H_{17}N$	1,2-Diethyl-1,2,5,6-tetrahydropyridine	3-4μ	L,Sol	Freq	Tallent	AC	28	(1956) 953
$C_9H_{17}N$	1-Methyl-2-n-butyl-Δ^2-pyrrolidine	-	L	Freq	Leonard	JACS	76	(1954) 2781

$C_9H_{17}N$	Nonanonitrile	-	-	Freq	Kitson	AC	24 (1952)	334
$C_9H_{17}N$	Pinidine	3-4 μ	L,Sol	Freq	Tallent	AC	28 (1956)	953
$C_9H_{17}N$	Quinalizidine	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_9H_{17}N.HCl$	Quinalizidine hydrochloride	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_9H_{17}N.HClO_4$	1-n-Butyl-2-methyl-Δ^2-pyrroline perchlorate	-	S	Freq	Leonard	JACS	76 (1954)	2781
$C_9H_{17}N.HClO_4$	1-Methyl-2-n-butyl-Δ^2-pyrroline perchlorate	-	S	Freq	Leonard	JACS	76 (1954)	2781
$C_9H_{17}NO$	1-Diethylamino-1-penten-3-one	1500-1800	Sol	Freq, Struct	Leonard	JACS	81 (1959)	595
$C_9H_{17}NO$	4-Diethylamino-3-penten-2-one	1500-1800	Sol	Freq, Struct	Leonard	JACS	81 (1959)	595
$C_9H_{17}NO$	N,N-Diethyl-α-methyl-crotonamide	-	-	Ident	Snyder	JACS	76 (1954)	1893
$C_9H_{17}NO$	1,2-Dimethyl-1-aza-cyclooctan-3-one	-	-	Freq	Leonard	JACS	74 (1952)	1704
$C_9H_{17}NO$	dl-1,2-Dimethyl-2-ethyl-3-piperidone	-	-	Ident	Leonard	JACS	75 (1953)	1674
$C_9H_{17}NO.HCl$	dl-1,2-Dimethyl-2-ethyl-3-piperidone hydrochloride	-	-	Ident	Leonard	JACS	75 (1953)	1674
$C_9H_{17}NOS$	2-n-Hexyl-4-thiazolidone	-	S	Freq	Pennington	JACS	75 (1953)	109
$C_9H_{17}NO_2$	2-Acetonyl-3-methoxy-piperidine	-	Sol	Freq	Baker	JOC	20 (1955)	136

$C_9H_{17}NO_2$	1-Methyl-1-azacyclononan-5-ol-6-one	-	S,Sol	Freq	Leonard	JACS	76	(1954)	630
		-	Sol	Freq	Leonard	JACS	76	(1954)	3463
		-	Sol	Freq	Leonard	JACS	76	(1954)	5708
$C_9H_{17}NO_2$	1-Methyl-3-(3-hydroxypropyl)-4-piperidone hemiacetal	-	Sol	Freq	McElvain	JACS	76	(1954)	5625
$C_9H_{17}NO_2S$	β-t-Butylsulfonyl-α-ethylpropionitrile	650-3600	S	Spec	Ross	JACS	73	(1951)	540
$C_9H_{17}NO_4$	Ethyl δ-methyl-α-nitrohexanoate	-	-	Freq	Emmons	JACS	77	(1955)	4391
$C_9H_{17}NO_4$	Ethyl α-nitroheptanoate	-	-	Freq	Emmons	JACS	77	(1955)	4391
$C_9H_{17}NO_6$	Methyl 2-acetamido-2-deoxy-α-D-glucopyranoside	-	S	Freq, I	Barker	JCS	-	(1954)	171
$C_9H_{17}NS$	β-t-Butylmercapto-α-ethylpropionitrile	-	-	Ident	Ross	JACS	73	(1951)	540
$C_9H_{17}N_3$	4-n-Heptyl-v-triazole	2-16μ	-	Spec, Freq	Hartzel	JACS	76	(1954)	667
$C_9H_{17}O_4$	Methyl N-isopropylidene-3-amino-3-deoxy-α-D-arabinofuranoside	-	-	Freq	Baker	JACS	77	(1955)	7
$C_9H_{17}O_4$	Methyl N-isopropylidene-3--amino-3-deoxy-β-D-arabinofuranoside	-	-	Freq	Baker	JACS	77	(1955)	7
C_9H_{18}	n-Butylcyclopentane	-	-	Freq, Analysis	Hastings	AC	24	(1952)	612
C_9H_{18}	Cyclononane	3-16μ	L	Spec	Blomquist	JACS	74	(1952)	3643
		-	-	Ident	Cope	JACS	77	(1955)	1628

C_9H_{18}	2-Cyclopropylhexane	-	L,Sol	Freq	Slabey	JACS	76 (1954)	3604
C_9H_{18}	3,3-Dimethyl-3-isopropyl -1-butene	-	-	Analysis	Anderson	AC	20 (1948)	998
C_9H_{18}	1-Ethyl-1-butylcyclo-propane	2-15 μ	L	Analysis	Derfer	JACS	71 (1949)	2482
C_9H_{18}	Isobutylcyclopentane	-	-	Freq, Analysis	Hastings	AC	24 (1952)	612
C_9H_{18}	Isopropylcyclohexane	3.2-3.6 μ	Sol	Spec, Assign	Plyler	JRNB	43 (1949)	37
		-	-	Group analysis	Hastings	AC	24 (1952)	612
		2-12 μ	Sol	Spec, Struct	O'Connor	JACS	76 (1954)	2368
		15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
C_9H_{18}	Methylcyclooctane	2-16 μ	-	Spec	Cope	JACS	74 (1952)	179
C_9H_{18}	1-Methyl-1-ethyl-cyclohexane	2-16 μ	L	I	Pines	JACS	77 (1955)	2819
C_9H_{18}	cis-1-Methyl-2-ethyl-cyclohexane	2-15 μ	L	Spec	Birch	JOC	19 (1954)	1449
C_9H_{18}	trans-1-Methyl-2-ethyl-cyclohexane	2-15 μ	L	Spec	Birch	JOC	19 (1954)	1449
C_9H_{18}	1-Methyl-1-neopentyl-cyclopropane	3-14 μ	L	Spec	Bridson	JCS	- (1951)	2999
		-	Sol	Ext coeffitient	Cross	TFS	47 (1951)	354
C_9H_{18}	Nonanaphthene	1.1-1.8 μ	L	Spec	White	JRNB	13 (1937)	799
C_9H_{18}	1-Nonene	-	-	Analysis	Hampton	AC	21 (1949)	923
		15-35 μ	S	Spec, Struct	Bentley	SA	- (1959)	165
		-	S	Assign	Harrah	JCP	33 (1960)	298
C_9H_{18}	n-Pentylcyclobutane	2-15 μ	L	Analysis	Derfer	JACS	71 (1949)	2482

C_9H_{18}	n-Propylcyclohexane	3.2-3.6μ	Sol	Spec, Assign	Plyler	JRNB	43	(1949)	37
		-	-	Group analysis	Hastings	AC	24	(1952)	612
		2-12μ	Sol	Spec, Struct	O'Connor	JACS	76	(1954)	2368
		15-35μ	S	Spec, Struct	Bentley	SA	15	(1959)	165
C_9H_{18}	1,1,3-Trimethylcyclo-hexane	-	-	Group analysis	Hastings	AC	24	(1952)	612
		-	-	Ident, Analysis	Hawkins	JCS	-	(1954)	4704
C_9H_{18}	1,2,4-Trimethylcyclo-hexane	1100-1800	-	Spec	Barnes	IEC	15	(1943)	659
C_9H_{18}	2,3,4,4-Tetramethyl-pent-1-ene	600-4000	L	Freq	Kharasch	JOC	19	(1954)	1150
$C_9H_{18}N_2$	trans-1,2-Bis-(dimethyl-amino)-3-cyclopentene	3-15μ	L	Spec	Cope	JACS	73	(1951)	1199
$C_9H_{18}N_2$	Di-n-butylcarbodi-imide	2000-2300	Sol	I	Meakins	JCS	-	(1957)	993
$C_9H_{18}N_2$	Di-sec-butylcarbodi-imide	2000-2300	Sol	I	Meakins	JCS	-	(1957)	993
$C_9H_{18}N_2$	Di-n-butyl cyanamide	720-750	L	Freq	Wiberley	AC	22	(1950)	841
$C_9H_{18}N_2$	2,4,4-Trimethyl-1-isopropyl-2-imidazoline	-	-	Freq	Peerman	JACS	76	(1954)	6085
$C_9H_{18}N_2O_2$	Acetyl-DL-leucine N-methylamide	2.7-3.2μ	Sol	Freq	Mizushima	JACS	73	(1951)	1330
		2.8-3.5μ	Sol	Spec, H bond, Config	Mizushima	JACS	74	(1952)	4639
		2.8-6.6μ	S	Spec, Config	Mizushima	JACS	75	(1953)	1863
$C_9H_{18}N_2O_2$	Acetylnorleucine-N-methylamide	2.8-3.1μ	Sol	Spec, Freq, Struct	Mizushima	JACS	76	(1954)	2479
		2800-3500	Sol	Config	Tsuboi	JACS	81	(1959)	1406
$C_9H_{18}N_2O_4$	1,1-Dinitrononane	-	-	Spec	Novikov	IANS	-	(1959)	1855

$C_9H_{18}O$	2-n-Butyltetrahydro-pyran	6.5-15μ	-	Spec	Smith	JACS	73	(1951) 5273
$C_9H_{18}O$	Cyclooctylmethyl alcohol	2-16μ	L	Spec	Cope	JACS	75	(1953) 3215
$C_9H_{18}O$	Diisobutyl ketone	1650-1800	Sol	Ext coefficient	Cross	TFS	47	(1951) 354
		2800-3000	Sol	Freq, Spec	Pozefsky	AC	23	(1951) 1611
$C_9H_{18}O$	Di-t-butyl ketone	-	Sol	Freq	Bartlett	JACS	77	(1955) 2806
		-	Sol	Freq	Rao	JPC	63	(1959) 1311
$C_9H_{18}O$	cis-4-Isopropylcyclo-hexanol	1300-3650	Sol	Freq, I	Cole	JCS	-	(1959) 1222
$C_9H_{18}O$	trans-4-Isopropylcyclo-hexanol	1300-3650	Sol	Freq, I	Cole	JCS	-	(1959) 1222
$C_9H_{18}O$	Methylbutylcyclo-propylcarbinol	-	L,Sol	Freq	Slabey	JACS	76	(1954) 3604
$C_9H_{18}O$	4-Nonanone	1600-1800	Sol	Freq	Fuson	JACS	76	(1954) 2526
$C_9H_{18}O$	5-Nonanone	500-1750	L	Assign	Thompson	JCS	-	(1945) 640
		1733	G	Freq	Hartwell	JCS	-	(1948) 1436
		1650-1800	Sol	Ext coefficient	Cross	TFS	47	(1951) 354
		1600-1800	Sol	Freq	Fuson	JACS	76	(1954) 2526
$C_9H_{18}O$	trans-n-4-Nonenol-1	8-12μ	L	Spec, Struct	Crombie	JCS	-	(1950) 1707
		950-1000	L	Spec, Freq	Crombie	JCS	-	(1952) 2997
$C_9H_{18}O$	trans-Δ^5-Nonenol	-	-	Freq	Crombie	JCS	-	(1952) 2997
$C_9H_{18}O$	2-Propylcyclohexanol	2-16μ	L	Spec	Entel	JACS	73	(1951) 4152
$C_9H_{18}O$	3,3,4,4-Tetramethyl-2-pentanone	-	-	Freq	Bartlet	JACS	77	(1955) 2806
		-	-	Freq	Zook	JACS	77	(1955) 2501

$C_9H_{18}O$	2,2,6,6-Tetramethyl-tetrahydropyran	670-1500 -	L -	Spec Freq	Batenan Brook	JCS JOC	- (1952) 1714 17 (1952) 988
$C_9H_{18}O$	cis-3,3,5-Trimethyl-cyclohexanol	-	-	Ident	Hawkins	JCS	- (1954) 4704
$C_9H_{18}O$	trans-3,3,5-Trimethyl-cyclohexanol	-	-	Ident	Hawkins	JCS	(1954) 4704
$C_9H_{18}OS$	Hexylthio propionate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959) 514
$C_9H_{18}O_2$	n-Amyl n-butyrate	500-1750	L	Assign	Thompson	JCS	- (1945) 640
$C_9H_{18}O_2$	cis-Cyclononane-1,2-diol	-	Sol	Group study	Kuhn	JACS	76 (1954) 4323
$C_9H_{18}O_2$	trans-Cyclononane-1,2-diol	-	Sol	Group study	Kuhn	JACS	76 (1954) 4323
$C_9H_{18}O_2$	4,4-Dimethyl-2-pentyl acetate	2-15μ	-	Spec	Brown	JACS	77 (1955) 3614
$C_9H_{18}O$	2-(2,2-Dimethyl-tetrahydrofuryl) propanol-2	-	-	Freq	Brook	JOC	17 (1952) 988
$C_9H_{18}O_2$	4-Ethyl-4-hydroxy-3-methyl-2-hexanone	-	-	Freq	Zimmerman	JACS	76 (1954) 2294
$C_9H_{18}O$	cis-2-(α-Hydroxyisopropyl) cyclohexanol	-	Sol	Freq	Zimmerman	JACS	75 (1953) 2367
$C_9H_{18}O_2$	trans-2-(α-Hydroxy-isopropyl)cyclohexanol	-	Sol	Freq	Zimmerman	JACS	75 (1953) 2367
$C_9H_{18}O_2$	2-(1-Hydroxy-2-propyl) 3,5-dimethyl-1-oxa-cyclopentane	-	-	Freq	Wiley	JACS	77 (1955) 3677

$C_9H_{18}O_2$	2-Isopropylhexanoic acid	6.5-8.5μ	L	Ident	Guertin	AC	28	(1956)	1194
$C_9H_{18}O_2$	Methyl caprylate	2-15μ	L	Spec	Wotiz	JACS	71	(1949)	3441
		1-12μ	Sol	Spec, Ext coefficient	O'Connor	JAOC	28	(1951)	154
		6.81-14μ	L	Freq, I, Spec	Fowler	JOSA	43	(1953)	1054
$C_9H_{18}O_2$	d-Methylethylisobutyl-acetic acid	700-3600	-	Spec	Doering	JACS	72	(1950)	2608
$C_9H_{18}O_2$	dl-Methylethylisobutyl-acetic acid	700-3000	-	Spec	Doering	JACS	72	(1950)	2608
$C_9H_{18}O_2$	Nonanoic acid	2-14μ	S	Spec	Harple	AC	24	(1952)	635
		6.81-14μ	L	Freq, I	Fowler	JOSA	43	(1953)	1054
		670-3500	L,S	Spec	Corish	JCS	-	(1957)	1746
$C_9H_{18}O_2$	2-n-Propylhexanoic acid	6.5-8.5μ	L	Ident	Guertin	AC	28	(1956)	1194
$C_9H_{18}O_2$	3-n-Propylhexanoic acid	6.5-8.5μ	L	Ident	Guertin	AC	28	(1956)	1194
$C_9H_{18}O_2$	3,5,5-Trimethylhexanoic acid	2.5-15μ	L	Spec	Cairns	JACS	74	(1952)	3982
$C_9H_{18}O_3$	n-Butoxybutyl formate	800-1500	Sol	Assign	Katritzky	SA	16	(1960)	954
$C_9H_{18}O_3$	Diisobutyl carbonate	1-12μ	L	Spec, Assign	Bell	JACS	50	(1928)	2940
		-	-	Absorption	Bonino	TFS	25	(1929)	876
		-	Sol	Freq, I	Thompson	SA	13	(1958)	236
		-	-	Assign	Katritzky	SA	16	(1960)	964
$C_9H_{18}O_3$	Di-n-butyl carbonate	1-12μ	L	Assign, Spec	Bell	JACS	50	(1928)	2940
		-	-	Absorption	Bromino	TFS	25	(1929)	876
		-	Sol	Freq, I	Thompson	SA	13	(1958)	236
		-	-	Assign	Katritzky	SA	16	(1960)	964
$C_9H_{18}O_3$	2,6-Diethoxytetrahydro-pyran	-	-	Struct	Hall	JCS	-	(1951)	2480

$C_9H_{18}O_3$	2-Ethoxy-5-(β-hydroxy-ethyl)tetrahydropyran	-	L	Freq	Marvel	JACS	75	(1953)	4601
$C_9H_{18}O_4$	Methyl cladinoside	-	-	Freq	Flynn	JACS	76	(1954)	3121
$C_9H_{18}O_5$	Methyl 2,3,4-trio-O-methyl-β-D-arabopyrano-side	-	S	Freq, I	Barker	JCS	-	(1954)	3468
$C_9H_{18}O_5$	Methyl 2,3,4-tri-O-methyl-β-D-xylopyra-noside	-	S	Freq, I	Barker	JCS	-	(1954)	3468
$C_9H_{18}O_6$	3,4-O-Isopropylidene ketal of L-iditol	650-1500	G	Freq, Assign	Barker	JCS	-	(1959)	802
$C_9H_{18}O_6$	3,4-Isopropylidene ketal of D-mannitol	650-1500	G	Freq, Assign	Barker	JCS	-	(1959)	802
$C_9H_{18}O_6$	3,4-O-Isopropylidene ketal of D-sorbitol	650-1500	G	Freq, Assign	Barker	JCS	-	(1959)	802
$C_9H_{18}O_6$	Methyl 2,3-di-O-Methyl - α-D-glucopyranoside	-	S	Freq, I	Barker	JCS	-	(1954)	171
$C_9H_{18}O_6$	Methyl-3,4-di-O-methyl -β-D-glycopyranoside	-	S	Freq, I	Barker	JCS	-	(1954)	171
$C_9H_{18}O_6$	Methyl 4,6-di-O-methyl-β-D-glycopyranoside	-	S	Freq, I	Barker	JCS	-	(1954)	171
$C_9H_{18}O_6$	2,3,6-Tri-O-methyl-glucose	-	Sol	Not shown	McGilvray	JCS	-	(1953)	2577
		-	S	Freq, I	Barker	JCS	-	(1954)	171
		2-15μ	S	Interaction with KBr	Barker	CIL	-	(1954)	
$C_9H_{18}O_6$	2,4,6-Tri-O-methyl-α-D-glycopyranose	-	S	Freq, I	Barker	JCS	-	(1954)	171

$C_9H_{18}O_6$	3,4,6-Tri-O-methyl-α-D-mannopyranose	-	S	Freq, I	Barker	JCS	-	(1954)	3468
$C_9H_{18}S$	2,2,6,6-Tetramethyl-tetrahydrothiopyran	700-2650	L	Spec	Sheppard	JCS	-	(1947)	1540
		-	-	Proof of identity	Naylor	JCS	-	(1949)	2749
		500-1500	L	Spec	Sheppard	TFS	46	(1950)	429
$C_9H_{18}Si$	Cyclopentamethylene-diethylsilane	2-35μ	L	Assign	Oshesky	JACS	79	(1957)	2057
$C_9H_{19}Br$	n-Nonyl bromide	-	L	Mole ratio of trans & gauche	Yoshino	CJC	35	(1957)	339
$C_9H_{19}Cl_3OSi$	Trichlorosilylheptyl ethyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_9H_{19}Cl_3OSi$	Trichlorosilyloctyl methyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_9H_{19}Cl_3OSi$	Trichlorosilylpentyl butyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_9H_{19}N$	1,2-Diethylpiperidine	3-4μ	L,Sol	Freq	Tallent	AC	28	(1956)	953
$C_9H_{19}N$	1-Methyl-2-sec-butyl-pyrrolidine	-	-	Freq	Leonard	JACS	75	(1953)	1674
$C_9H_{19}N$	N-Methyloctenylamine	650-3500	L	Spec, Freq	Leonard	JACS	74	(1952)	1704
$C_9H_{19}NO$	cis-2-Amino-cyclononanol	-	Sol	Freq, Assign, Shift	Sicher	CCCC	24	(1959)	950
$C_9H_{19}NO$	trans-2-Amino-cyclononanol	-	Sol	Freq, Assign, Shift	Sicher	CCCC	24	(1959)	950
$C_9H_{19}NO$	Dibutylformamide	-	Sol	Freq, Analysis	Emmons	JOC	19	(1954)	1472
		-	L	Group study	Robson	JACS	77	(1955)	498
$C_9H_{19}NO$	2,2-Di-n-propyloxazolidine	-	Sol	Freq, Ext coefficient	Bergmann	JACS	75	(1953)	358

$C_9H_{19}NO$	5-Hydroxyazacyclodecane	-	-	Freq	Leonard	JACS	74 (1952)	4620
$C_9H_{19}NO$	ϵ-Methylaninopentyl ethyl ketone	-	-	Ident, Freq	Leonard	JACS	74 (1952)	1704
$C_9H_{19}NO$	N-1-Methylhexylidene-thanolamine	2-15μ	-	Spec, Struct	Daasch	JACS	73 (1951)	4523
$C_9H_{19}NO_2$	2-(β-Hydroxypropyl)-3-methoxypiperidine	-	Sol	Freq	Baker	JOC	20 (1955)	136
$C_9H_{19}NO_3$	n-Nonyl nitrate	2-15μ	Sol	Spec, Struct	Carrington	SA	16 (1960)	1279
$C_9H_{19}NO_3$	3,5,5-Trimethylhexyl nitrate	2-15μ	Sol	Spec, Struct	Carrington	SA	16 (1960)	1279
$C_9H_{19}NO_5.HCl$	2-Amino-2-deoxy-3,4,6-tri-O-methyl-β-D-glucopyranose hydrochloride	-	S	Freq, I	Barker	JCS	- (1954)	171
$C_9H_{19}NS$	4-(1-Piperidyl)butane-thiol	-	L,Sol	Band freq	Plant	JACS	77 (1955)	1572
$C_9H_{19}N_3O_4$	Diethyl N-(dimethylamino-methyl)-hydrazine-N,N'-dicarboxylate	-	-	Freq, Struct	Kenner	JCS	- (1952)	2089
C_9H_{20}	3,3-Diethylpentane	15-35μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
C_9H_{20}	2,2-Dimethylheptane	-	-	Freq	Sutherland	JCP	15 (1947)	153
		-	-	Assign	Sheppard	JCP	16 (1948)	690
		-	-	Freq	Simpson	PRS	199 (1949)	169
		-	G	Analysis	Bell	AC	22 (1950)	1005
C_9H_{20}	2,3-Dimethylheptane	1200-1800	-	Spec	Barnes	IEC	15 (1943)	659
C_9H_{20}	3,3-Dimethylheptane	-	-	Assign	Sheppard	JCP	16 (1948)	690
C_9H_{20}	4,4-Dimethylheptane	-	-	Assign	Sheppard	JCP	16 (1948)	690

C_9H_{20}	3-Ethylheptane	-	-	Assign	Sheppard	JCP	16	(1948)	690
C_9H_{20}	4-Ethylheptane	-	-	Assign	Sheppard	JCP	16	(1948)	690
C_9H_{20}	3-Methyl-3-ethylhexane	-	-	Assign	Sheppard	JCP	16	(1948)	690
C_9H_{20}	2-Methyloctane	1200-1800	-	Spec	Barnes	IEC	15	(1943)	659
		-	-	Freq	Sutherland	JCP	15	(1947)	153
		-	-	Assign	Sheppard	JCP	16	(1948)	690
		-	-	Freq	Simpson	PRS	199	(1949)	169
		-	-	Ident	Pines	JACS	76	(1954)	4417
C_9H_{20}	3-Methyloctane	1100-1800	-	Spec	Barnes	IEC	15	(1943)	659
		-	-	Assign	Sheppard	JCP	16	(1948)	690
C_9H_{20}	4-Methyloctane	1100-1800	-	Spec	Barnes	IEC	15	(1943)	659
C_9H_{20}	Nonane	1.1-1.8	L	Spec	White	JRNB	7	(1931)	907
		1.1-1.8	Sol	Spec	Liddel	JRNB	11	(1933)	599
		1300-1800	-	Spec	Barnes	IEC	15	(1943)	659
		-	-	Freq	Kellner	TFS	41	(1945)	217
		-	-	Assign	Sheppard	JCP	16	(1948)	690
		-	-	Freq	Mizushima	JACS	71	(1949)	1320
		-	-	Selection rules	Simanouti	JCP	17	(1949)	1102
		350-700	L	Freq	Donneaud	CPR	239	(1954)	1480
		13.8	L	Freq	Stein	JCP	22	(1954)	1993
		650-1450	S	Freq, Assign	Tschamler	JCP	22	(1954)	1845
		700-3000	Sol	Ext. coefficient	Jones	SA	9	(1957)	235
C_9H_{20}	2,2,3,3-Tetramethyl pentane	1370-2900	L	I	Francis	JCP	18	(1950)	861
		-	-	Freq	Bartlett	JACS	77	(1955)	2806

C_9H_{20}	2,2,3,4-Tetramethyl-pentane	600-4000	L	Ident	Kharasch	JOC	19 (1954)	1150
C_9H_{20}	2,2,4,4-Tetramethyl-pentane	-	-	Freq	Kent	AC	19 (1947)	290
		-	G	Analysis	Bell	AC	22 (1950)	1005
		1370-2900	L	I	Francis	JCP	18 (1950)	861
		-	L	Freq, Ident	Kharasch	JOC	19 (1954)	1150
C_9H_{20}	2,2,4-Trimethylhexane	-	G	Analysis	Bell	AC	22 (1950)	1005
		-	-	Group analysis	Hastings	AC	24 (1952)	612
C_9H_{20}	2,2,5-Trimethylhexane	1100-1800	-	Spec	Barnes	IEC	15 (1943)	659
		-	-	Analysis	Glasgow	JRNB	38 (1947)	537
		-	-	Analysis	Heigl	IEC	19 (1947)	293
		-	-	Freq	Kent	AC	19 (1947)	290
		8000-9000	Sol	Analysis	Hibbard	AC	21 (1949)	486
		-	G	Analysis	Bell	AC	22 (1950)	1005
		-	-	Analysis, Absorption	Schneider	JACS	73 (1951)	5013
		-	-	Group analysis	Hastings	AC	24 (1952)	612
		700-350	L	Freq	Donneaud	CPR	239 (1954)	1480
C_9H_{20}	2,3,3-Trimethylhexane	-	-	Group analysis	Hastings	AC	24 (1952)	612
C_9H_{20}	2,3,4-Trimethylhexane	-	-	Spec	Ciapetta	AC	20 (1948)	699
C_9H_{20}	2,3,5-Trimethylhexane	-	L	Analysis	Glasgow	JRNB	38 (1947)	537
		-	G	Analysis	Bell	AC	22 (1950)	1005
		-	-	Group Analysis	Hastings	AC	24 (1952)	612
C_9H_{20}	2,4,4-Trimethylhexane	-	G	Analysis	Bell	AC	22 (1950)	1005
		-	-	Group analysis	Hastings	AC	24 (1952)	612
C_9H_{20}	3,3,4-Trimethylhexane	-	-	Group analysis	Hastings	AC	24 (1952)	612
$C_9H_{20}ClO_3P$	2-Ethylhexyl hydrogen-chloromethylphosphonate	600-5000	L,Sol	Spec, H bond	Peppard	JINC	12 (1960)	60

$C_9H_{20}N$	trans-1,2-Bis-(dimethyl-amino)cyclopentane	2.5-15μ	L	Spec	Cope	JACS	73 (1951)	1199
$C_9H_{20}N_2O$	Tetraethylurea	-	Sol	Freq	Beguin	HCA	42 (1959)	2262
$C_9H_{20}N_7$	N-(6-Amino)hexyl-melamine	2-16μ	S	Spec, Struct	Padgett	JACS	80 (1958)	803
$C_9H_{20}O$	3,3-Diethylpentanol-2	665-5000	L	Freq	Zeiss	JACS	75 (1953)	897
$C_9H_{20}O$	2,4-Dimethyl-3-ethyl-3-pentanol	1-15μ	L	H bond, Spec	Smith	JRNB	46 (1951)	145
$C_9H_{20}O$	2,6-Dimethylheptanol-4	665-5000	L	Freq	Zeiss	JACS	75 (1953)	897
$C_9H_{20}O$	4-Methoxy-2,4-dimethyl-hexane	-	-	Spec, Ident	Doering	JACS	75 (1953)	4733
$C_9H_{20}O$	Methyl sec-octyl ether	-	-	Freq	Corey	JACS	76 (1954)	6040
$C_9H_{20}O$	n-Nonanol	665-5000	L	Freq	Zeiss	JACS	75 (1953)	897
		-	L	Reference for comparison	Mosher	AC	27 (1955)	517
		350-4000	L,Sol	OH band	Stuart	JCP	24 (1956)	559
$C_9H_{20}O$	Nonanol-3	665-5000	L	Freq	Zeiss	JACS	75 (1953)	897
$C_9H_{20}O$	Nonanol-4	665-5000	L	Freq	Zeiss	JACS	75 (1953)	897
$C_9H_{20}O$	Nonanol-5	665-5000	L	Freq	Zeiss	JACS	75 (1953)	897
$C_9H_{20}O$	2,2,4,4-Tetramethyl-pentanol-3	665-5000	L	Freq	Zeiss	JACS	75 (1953)	897
$C_9H_{20}O$	3,5,5-Trimethylhexan-2-ol	-	-	Ident	Graham	JCS	- (1954)	2180
$C_9H_{20}O_2$	2-Ethyl-2-butyl-1,3-propanediol	2-16μ	Sol	Spec	Sassaman	APS	8 (1954)	67

$C_9H_{20}O_2$	4-Ethyl-3-methyl-2,4-hexanediol	-	-	Purity	Zimmerman	JACS	76 (1954)	2294
$C_9H_{20}O_2$	Methoxymethylethyl-isobutylmethanol	810-840	L	Analysis	Savitzky	RSI	21 (1950)	203
$C_9H_{20}O_2$	n-Nonyl hydroperoxide	5.5-14.5μ	L	Spec, Freq	Mosher	AC	27 (1955)	517
$C_9H_{20}O_3$	Ethyltriethoxymethane	-	-	Spec, Freq	Nukada	NKZ	81 (1960)	1028
$C_9H_{20}O_3$	2-Methoxymethyl-2,4-dimethyl-1,5-pentanediol	700-1500	L	Ident, Spec	Shay	AC	26 (1954)	652
$C_9H_{20}O_3$	1,1,3-Triethoxypropane	-	-	Ident	Hall	JCS	- (1954)	2034
		-	-	Component of mixture	Hall	JCS	- (1954)	3388
$C_9H_{20}O_3Si$	Allyltriethoxysilane	700-3000	L	Spec, Assign	Richards	JCS	- (1949)	124
$C_9H_{20}O_4S_2$	Di-(n-Butylsulfonyl) methane	1000-1500	Sol	Spec	Schreiber	AC	21 (1949)	1168
$C_9H_{20}S_2$	Di-(n-Butylmercapto) methane	1000-1500	Sol	Spec	Schrieber	AC	21 (1949)	1168
$C_9H_{20}S_2$	3,5,5-Trimethyl-1,1-hexanedithiol	2.5-15μ	L	Spec, Freq	Cairns	JACS	74 (1952)	3982
$C_9H_{20}Si$	Cyclohexyltrimethyl-silane	3-12μ	Sol	Spec	Kanazashi	BCSJ	27 (1954)	441
$C_9H_{21}N$	Di-n-Butylmethylamine	-	-	Purity check	Dannley	JOC	20 (1955)	92
$C_9H_{21}N$	N-Methyloctylamine	650-3000	L	Spec, Freq	Leonard	JACS	74 (1952)	1704
$C_9H_{21}N$	t-Nonylamine	2-15μ	L,Sol	Freq, Assign, NCA	Stewart	JCP	30 (1959)	1259
$C_9H_{21}N$	Tri-n-propylamine	1-12μ	L	Spec	Bell	JACS	49 (1927)	1837
		0.6-2.4μ	L	N-H study	Ellis	JACS	50 (1928)	685

$C_9H_{21}NO$	3-Di-n-propylamino-propan-1-ol	3μ	Sol	Freq, H bond	Flett	SA	10 (1958)	21
$C_9H_{21}NSi$	Piperidinomethyl-trimethylsilane	2-15μ	S	Spec	George	JACS	77 (1955)	3493
$C_9H_{21}N_3$	N,N'-Dimethyl-N" hexylguanidine	800-3500	S	Spec	Goto	BCSJ	30 (1957)	723
$C_9H_{21}N_3.HCl$	N,N'-Dimethyl-N"-hexyl-guanidine hydrochloride	800-3500	S	Spec	Goto	BCSJ	30 (1957)	723
$C_9H_{21}O_2PS_3$	o,o-Diethyl-s-β-thio-propxyethylphosphorothiolo-thionate	-	-	Spec, Freq	Popkov	ZOK	29 (1959)	1998
$C_9H_{21}O_3P$	Tri-isopropyl ester of phosphorous acid	-	-	Spec, Freq	Maarsen	RFC	76 (1957)	713
$C_9H_{21}O_3P$	Tri-isopropyl phosphite	2-15μ	Sol	Spec, Freq, I	Bell	AC	25 (1953)	1720
$C_9H_{21}O_3PS$	Diethylamylthio phsophate	-	-	Freq	Bell	JACS	76 (1954)	5185
$C_9H_{21}O_3B$	Boron tri-isopropoxide	2-15μ 2-15μ	Sol G	Spec, Freq, I Spec, Freq assign	Bell Lehmann	AC JCP	25 (1953) 30 (1959)	1720 1226
$C_9H_{21}O_3B$	Tri-n-propyl borate	670-1800	S	Spec, Freq	Werner	AJC	8 (1955)	355
$C_9H_{21}O_4P$	Di-isobutoxyhypophos-phorous acid	600-4000	S	Group study	Braunholtz	JCS	- (1959)	868
$C_9H_{21}O_4P$	Di-n-butoxyhypophos-phorous acid	600-4000	S	Group study	Braunholtz	JCS	- (1959)	868
$C_9H_{21}O_4P$	Tri-isopropyl phosphate	-	Sol	Freq	Bergmann	JCS	- (1952)	847
$C_9H_{21}O_4P$	Tri-n-propyl phosphate	-	Sol	Freq	Bergmann	JCS	- (1952)	847

$C_9H_{21}PS_4$	Tri-n-propyl phosphate tetrathioate	2-25 μ	-	Spec, Struct	Menefee	JOC	22 (1957)	792
$C_9H_{21}PS_4$	Tri-isopropylphosphate tetrathioate	2-25 μ	-	Spec, Struct	Menefee	JOC	22 (1957)	792
$C_9H_{22}NO_2PS$	Di-n-butylmethyl-phosphoramidothionate	-	-	Freq, Spec	Popkov	ZOK	29 (1959)	1998
$C_9H_{22}OSi$	Trimethylsilylbutyl ethyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_9H_{22}OSi$	Trimethylsilylethyl butyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_9H_{22}OSi$	Trimethylsilylpentyl methyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_9H_{22}O_3Si$	Tri-isopropoxysilane	2050-2250	Sol	Freq, Struct	Smith	SA	15 (1959)	412
$C_9H_{22}Si$	Tri-isopropylsilane	-	-	Band freq	George	JACS	77 (1955)	1677
$C_9H_{22}Si$	Tri-n-propylsilane	600-4000	L	Spec, Assign	Kaplan	JACS	76 (1954)	5880
$C_9H_{22}Si$	n-Propyltriethylsilane	-	-	Band freq	George	JACS	77 (1955)	5880
$C_9H_{23}NOSi_2$	Cyclo-N-isopropyldimethylyl-aminotetramethyl disiloxane	-	-	No absorption	Noll	JACS	73 (1951)	3871
$C_9H_{23}NO_4Si_4$	Cyanomethylheptamethyl-cyclotetrasiloxane	-	-	Freq	Prober	JACS	77 (1955)	3224
$C_9H_{23}O_4P_3S_3$	Di-(isopropylmethyl-phosphorothionyl)methyl phosphorothioate	600-900	S	Assign	McIvor	CJC	37 (1959)	869
$C_9H_{24}NO_2PS$	Triethylammonium ethylmethylphosphorothioate	740-1500	Sol	Assign	McIvor	CJC	37 (1959)	869

$C_9H_{24}N_8O_2$	Di-(diethylammonium)-5-nitroaminotetrazole	2-15 μ	S	Spec, Freq	Lieber	AC	23	(1951)	1594
$C_9H_{24}O_6Si_3$	Trimethyltriethoxy-cyclotrisiloxane	600-3500	L	Spec	Okawara	BCSJ	31	(1958)	154
$C_9H_{24}O_9$	Trimolecular acetone peroxide	5-15 μ	Sol	Spec	Minkoff	PRS	224	(1954)	176
$C_9H_{27}NSi_3$	Tris(trimethylsilyl) amine	-	-	Spec, Assign	Goubeau	ZAUA	303	(1960)	217
$C_9H_{28}O_3Si_4$	Tri-trimethylsiloxysilane	2050-2250	Sol	Freq, Struct	Smith	SA	15	(1959)	412
$C_9H_{30}O_4Si_5$	Nonamethylpentasiloxane	600-3500	L	Spec, Freq	Sakiyama	BCSJ	31	(1958)	67
$C_9Cl_4F_{15}I$	1,3,5,7-Tetrachloro-pentadecafluoro-1-iodo-nonane	-	-	Ident	Haszeldine	JCS	-	(1953)	1592
C_9F_{18}	Hexafluoropropene trimer	-	-	I, Freq, Struct	Haszeldine	JCS	-	(1953)	3559
C_9F_{18}	Octadecafluorononene	-	-	Freq	Hals	JACS	73	(1951)	4054
		-	-	Freq	Lazerte	JACS	75	(1953)	4525

C_{10} COMPOUNDS

$C_{10}H_2Cl_{10}$	1,2,3,3a,4,5,6,7,7a,8-Decachloro-3a,4,7,7a-tetrahydro-4,7-methano-indene	6.19-9.90 μ	Sol	Band freq	Mc Bee	JACS	77	(1955)	4375
$C_{10}H_3Cl_5$	Pentachloronaphthalene	2-15 μ	Sol	Spec	Blickenstaff	AC	26	(1954)	1586

$C_{10}H_4D_4$	Naphthalene-α-d_4	300-3300 -	Sol -	Spec, Assign, Freq Freq, Assign, NCA	Mitra Freeman	CJC SA	37 (1959) 553 16 (1960) 1393
$C_{10}H_4D_4$	Naphthalene-β-d_4	-	-	Freq, Assign, NCA	Freeman	SA	16 (1960) 1393
$C_{10}H_4Br_2O_2$	2,3-Dibromo-1,4-naphthoquinone	1600-1800	Sol	Freq	Josien	JCP	21 (1953) 331
$C_{10}H_4Cl_2$	1,10-Dichloro-2,4,6,8-decatetrayne	-	Sol	Group freq, I	Allan	JCS	- (1955) 1874
$C_{10}H_4Cl_2O_2$	2,3-Dichloro-1,4-naphthoquinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953) 331
$C_{10}H_4Cl_4$	1,2,3,4-Tetrachloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_4Cl_4$	1,2,3,5-Tetrachloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_4Cl_4$	1,2,3,7-Tetrachloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_4Cl_4$	1,2,4,6-Tetrachloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_4Cl_4$	1,3,5,7-Tetrachloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_4Cl_4$	1,3,5,8-Tetrachloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_4Cl_4$	1,3,6,7-Tetrachloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_4Cl_4$	1,4,5,8-Tetrachloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274

$C_{10}H_4Cl_4$	1,4,6,7-Tetrachloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5BrO_2$	2-Bromo-1,4-Naphtho-quinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{10}H_5BrO_2$	3-Bromo-1,2-Naphtho-quinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{10}H_5ClO_2$	2-Chloro-1,4-Naphtho-quinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{10}H_5Cl_2NO_3$	4,5-Dichloro-n-acetylisatin	700-4000	Sol	Freq, Assign, Substitution effect	Holt	JCS	- (1958)	1217
$C_{10}H_5Cl_3$	1,2,3-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	1,2,4-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	1,2,5-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	1,2,6-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	1,2,7-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	1,2,8-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	1,3,5-Trichloro-naphthalene	660-1650	Sol,S	Substituion effect	Cencelj	SA	7 (1955)	274

$C_{10}H_5Cl_3$	1,3,6-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	1,3,7-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	1,3,8-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	1,4,5-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	1,4,6-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	1,6,7-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5Cl_3$	2,3,6-Trichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_5F_6O_4B$	Di-trifluoroacetoxy-phenyl boronate	1500-1800	L	Group freq, Assign	Duncanson	JCS	- (1958)	3652
$C_{10}H_5F_7O$	Heptafluorobuty-rophenone	- 650-5000	Sol Sol	Group freq Group freq	Mc Bee Griffin	JACS SA	77 (1955) 16 (1960)	83 1464
$C_{10}H_5N_3O_3$	1-Diazo-4-nitro-2-oxonaphthalene	-	S	Group freq, Band freq	Le Fevre	JCS	- (1954)	4686
$C_{10}H_6$	Dimethyltetra-acetylene	-	-	Group freq	Weber	JCP	21 (1953)	1613
$C_{10}H_6DNO_2$	1,2-Naphthoquinone-1-oxime-d_1	600-1700	S	Spec, Struct, Assign	Hadzi	JCS	- (1956)	2725
$C_{10}H_6DNO_2$	1,2-Naphthoquinone-2-oxime-d_1	600-1700	S,Sol	Spec, Struct, Assign	Hadzi	JCS	- (1956)	2725

$C_{10}H_6DNO_2$	1,4-Naphthoquinone monoxime-d_1	600-1700	S,Sol	Spec, Struct, Assign	Hadzi	JCS - (1956) 2725
$C_{10}H_6BrCl$	1-Chloro-3-bromo-azulene	2-15μ	-	Spec	Anderson	JACS 75 (1953) 4980
$C_{10}H_6BrNO_2$	1-Bromo-3-nitro-azulene	-	-	Freq	Anderson	JACS 75 (1953) 4980
$C_{10}H_6BrNO_3$	5-Bromo-N-acetyl-isatin	700-4000	Sol	Freq, Assign, Substitution effect	Holt	JCS - (1958) 1217
$C_{10}H_6Br_2$	1,3-Dibromoazulene	2-15μ	-	Spec, Ident	Anderson	JACS 75 (1953) 4980
$C_{10}H_6Br_2N_4$	2,2'-Azobis-5-bromo-pyridine	-	S	Spec	Bogomolov	IANS 23 (1959) 1199
$C_{10}H_6Br_2O$	2,4-Dibromo-1-naphthol	6700-7000	Sol	Group freq, Substitution effect	Wolf	JACS 58 (1936) 2287
$C_{10}H_6Br_2O_3$	p-Bromo-β-bromobenzyl-idenepyruvic acid	2.5-13μ	Sol	Spec, Struc, Group freq, Band freq	Stecher	JACS 76 (1954) 503
$C_{10}H_6Br_2O_3$	p-Bromo-β-bromobenzyl-idenepyruvic acid enol-lactone	2.5-13μ	Sol	Spec, Struc, Group freq	Stecher	JACS 76 (1954) 503
$C_{10}H_6ClNO$	Quinaldinoyl chloride	-	S	Group freq	Hammick	JCS - (1952) 4545
$C_{10}H_6ClNO_2$	1-Nitro-7-chloro-naphthalene	630-900	Sol,S	Substitution effect	Cencelj	SA 7 (1955) 274
$C_{10}H_6ClNO_3$	4-Chloro-N-acetyl-isatin	700-4000	Sol	Band freq, Assign, Substitution effect	Holt	JCS - (1958) 1217
$C_{10}H_6ClNO_3$	6-Chloro-N-acetyl-	700-4000	Sol	Band freq, Assign, Substitution effect	Holt	JCS - (1958) 1217

$C_{10}H_6Cl_2$	1,3-Dichloroazulene	2-15 μ	-	Spec	Anderson	JACS	75 (1953) 4980
$C_{10}H_6Cl_2$	1,2-Dichloro-naphthalene	660-1650	Sol, S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_6Cl_2$	1,3-Dichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_6Cl_2$	1,4-Dichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_6Cl_2$	1,5-Dichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_6Cl_2$	1,6-Dichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_6Cl_2$	1,7-Dichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_6Cl_2$	1,8-Dichloro-naphthalene	660-1650	Sol	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_6Cl_2$	2,3-Dichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_6Cl_2$	2,6-Dichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_6Cl_2$	2,7-Dichloro-naphthalene	660-1650	Sol,S	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{10}H_6Cl_2N_4$	2,2'-Azobis-(5-chloropyridine)	-	S	Spec	Bogomolov	IANS	23 (1959) 1199
$C_{10}H_6Cl_2N_4O$	2,2'-Azoxy-bis-(5-chloropyridine)	-	S	Spec	Bogomolov	IANS	23 (1959) 1199
$C_{10}H_6Cl_2O$	2,2-Dichloro-3-phenyl-3-cyclobutenone	-	-	Group freq	Roberts	JACS	75 (1953) 4765

$C_{10}H_6Cl_8$	Chlordan	2-15.5 μ	Sol	Spec	Garhart	AC	24	(1952)	851
$C_{10}H_6FNO_3$	6-Fluoro-N-acetyl-isatin	700-7000	Sol	Freq, Assign	Holt	JCS	-	(1958)	1217
$C_{10}H_6N_2$	Benzylidenemalono-dinitrile	-	Sol	Group freq, I	Felton	JCS	-	(1955)	2170
$C_{10}H_6N_2$	3-Cyanoquinoline	1300-1700	Sol	Freq, Vibration	Katritzky	JCS	-	(1960)	2942
$C_{10}H_6N_2$	4-Cyanoquinoline	1300-1700	Sol	Freq, Vibration	Katritzky	JCS	-	(1960)	2942
$C_{10}H_6N_2$	cis- α,β-Dicyano-styrene	-	Sol	Struct	Felton	JCS	-	(1955)	2170
		-	Sol	Struct	Schneider	JACS	77	(1955)	2796
$C_{10}H_6N_2$	trans- α,β-Dicyano-styrene	-	Sol	Struct	Felton	JCS	-	(1955)	2170
		-	-	Struct	Schneider	JACS	77	(1955)	2796
$C_{10}H_6N_2O$	Cyanoquinoline-N-oxide	700-3000	-	Spec	Shindo	CPBT	8	(1960)	845
$C_{10}H_6N_2O$	1-Diazo-2-oxo-naphthalene	-	S	Group freq	Le Fevre	JCS	-	(1954)	4686
$C_{10}H_6N_2O$	2-Diazo-1-oxo-naphthalene	-	S	Group freq	Le Fevre	JCS	-	(1954)	4686
$C_{10}H_6N_2O$	4-Diazo-1-oxo-naphthalene	-	S	Group freq	Le Fevre	JCS	-	(1954)	4686
$C_{10}H_6N_2O_4$	1,8-Dinitro-naphthalene	630-900	Sol,S	Substitution effect	Cencelj	SA	7	(1955)	274
$C_{10}H_6N_2O_5$	2,4-Dinitro-1-naphthol	-	Sol,L	H bond, Freq	Reeves	CJC	38	(1960)	1249
$C_{10}H_6N_6O_4$	2,2'-Azobis-(5-nitropyridine)	-	S	Spec	Bogomolov	IANS	23	(1959)	1199

$C_{10}H_6O_2$	1,2-Naphthoquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	231
$C_{10}H_6O_2$	1,4-Naphthoquinone	-	S	Band freq	Hadzi	JACS	73	(1951)	5460
		1600-1800	Sol	Vibration	Josien	JCP	21	(1953)	331
		1600-1800	Sol	Group freq	Fuson	JACS	76	(1954)	2526
		2-12μ	Sol	Spec, Struc	O'Connor	JACS	76	(1954)	2368
		1630-1780	S	Group study	Hadni	CPR	242	(1956)	1014
$C_{10}H_6O_3$	2-Hydroxy-1,4-naphthoquinone	1600-1800	Sol,S	Group freq	Josien	JCP	21	(1953)	331
		2.7-3.0μ	Sol	H bond	Baker	JACS	80	(1958)	5358
$C_{10}H_6O_3$	6-Hydroxy-1,2-naphthoquinone	1600-1800	S	Group freq	Josien	JCP	21	(1953)	331
$C_{10}H_6O_3$	1,4-Naphthoquinone-2,3-oxide	1600-1800	Sol	Group freq	Fuson	JACS	76	(1954)	2526
$C_{10}H_6O_3$	Phenylmaleic anhydride	-	S	Group freq	Taylor	JACS	76	(1954)	1872
$C_{10}H_6O_4$	2,3-Dihydroxy-1,4-naphthoquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{10}H_6O_4$	5,8-Dihydroxy-1,4-naphthoquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
		700-4000	S,Sol	Spec	Hadzi	TFS	50	(1954)	911
$C_{10}H_6O_4$	Furil	-	Sol	Group freq	Cosgrove	JCS	-	(1952)	4821
$C_{10}H_6O_4$	Phthalidylidene-acetic acid	-	S	Group freq, Taut	Grove	JCS	-	(1951)	877
$C_{10}H_6O_5$	β-Carboxymethyl-tropolone-α-carboxylic acid anhydride	6μ	S	Band freq	Crow	JCS	-	(1952)	3705
$C_{10}H_6O_8$	Mellophanic acid	2-15μ	S	Spec, Freq assign	Gonzalez	SA	12	(1958)	17
		10-15μ	S	Spec, Analysis	Nicholson	AC	31	(1959)	519

$C_{10}H_6O_8$	Prehnitic acid	2-15μ	S	Spec, Freq assign	Gonzalez	SA	12	(1958)	17
		10-15μ	S	Spec, Analysis	Nicholson	AC	31	(1959)	519
$C_{10}H_6O_8$	Pyromellitic acid	2-15μ	S	Spec, Freq assign	Gonzalez	SA	12	(1958)	17
		10-15μ	S	Spec, Analysis	Nicholson	AC	31	(1959)	519
$C_{10}H_7DO_2S$	Naphthalene-2-sulphinic acid-d_1	700-3300	S	Struc, Assign, H bond, Spect	Detoni	JCS	-	(1955)	3162
$C_{10}H_7Br$	1-Bromoazulene	-	-	Freq, Ident	Anderson	JACS	75	(1953)	4980
$C_{10}H_7Br$	α-Bromonaphthalene	0.8-2.0μ	L	Magnetic rotation	Ingersoll	JOSA	6	(1922)	663
		22-39μ	L	Absorption freq	Plyler	JCP	17	(1949)	218
		-	L	Band, Freq	Ferguson	JCS	-	(1954)	304
		400-1400	Sol,L	Band freq, I	Ferguson	JCS	-	(1954)	3645
		650-1000	Sol,S	Substitution effect	Wang	SA	15	(1959)	1118
$C_{10}H_7Br$	β-Bromonaphthalene	-	-	Ident, Freq	Danish	JACS	76	(1954)	6144
		400-1400	Sol,S	Band freq, I	Ferguson	JCS	-	(1954)	3645
		650-1000	Sol,S	Substitution effect	Wang	SA	15	(1959)	1118
$C_{10}H_7BrClNO_2$	4-Chloro-5-bromo-1-acetylindoxyl	700-4000	Sol	Assign, Substitution effect	Holt	JCS	-	(1958)	1217
$C_{10}H_7BrClNO_2$	4-Chloro-5-bromo-indoxyl acetate	700-4000	Sol,S	Freq, Struc, Assign, H bond	Holt	JCS	-	(1958)	1217
$C_{10}H_7Br_3N_2$	β-Naphthylamine diazoperbromide	1350-3250	-	Band freq, Group freq	Aroney	JCS	-	(1955)	1630
$C_{10}H_7Cl$	1-Chloroazulene	-	-	Freq	Anderson	JACS	75	(1953)	4980
$C_{10}H_7Cl$	α-Chloronaphthalene	-	Sol	Band freq, H bond	Tamres	JACS	74	(1952)	3375
		-	-	Ident	Baker	AC	25	(1953)	1457
		-	-	Band freq	Ferguson	JCS	-	(1954)	304
		400-1400	Sol,L	Band freq, I	Ferguson	JCS	-	(1954)	3645
$C_{10}H_7Cl$	β-Chloronaphthalene	400-1400	Sol,S	Band freq, I	Ferguson	JCS	-	(1954)	3645
		-	-	Ident	Parham	JACS	77	(1955)	1177
		650-1000	Sol,S	Substitution effect	Wang	SA	15	(1959)	1118

$C_{10}H_7ClN_2O_6$	2-Chlorcallyl alcohol 3,5-dinitrobenzoate	-	-	Ident, Struc	Noland	JACS	77	(1955) 3395
$C_{10}H_7ClO_3$	1-p-Chlorobenzoyl-2-carboxy-trans-ethylene	-	Sol	Group freq, Spec	Potts	SA	15	(1959) 679
$C_{10}H_7Cl_2NO_2$	4,5-Dichloroindoxyl acetate	700-4000	Sol,S	Freq, Struc, Assign, H bond	Holt	JCS	-	(1958) 1217
$C_{10}H_7Cl_4NO_2$	Tetrachlorohydroquinone 2-cyano-2-propyl ether	-	-	Ident	Hammond	JACS	77	(1955) 3249
$C_{10}H_7F$	α-Fluoronaphthalene	-	-	Band freq	Ferguson	JCS	-	(1954) 304
		400-1400	Sol,L	Band freq, I	Ferguson	JCS	-	(1954) 3645
		650-1000	Sol,S	Substitution effect	Wang	SA	15	(1959) 1118
$C_{10}H_7F$	β-Fluoronaphthalene	400-1400	Sol,S	Band freq, I	Ferguson	JCS	-	(1954) 3645
		650-1000	Sol,S	Substitution effect	Wang	SA	15	(1959) 1118
$C_{10}H_7F_3O_3$	Phenylacetyl-trifluoroacetate	-	-	Group freq, Ident	Emmons	JACS	75	(1953) 6047
		-	-	Group freq	Ferris	JACS	75	(1953) 232
		1000-1250	Sol	Band freq, Ident	Bourne	JCS	-	(1954) 2006
$C_{10}H_7F_3O_4$	0-Methoxybenzoyl trifluoroacetate	-	-	Group freq	Ferris	JACS	75	(1953) 232
$C_{10}H_7I$	α-Iodonaphthalene	-	-	Band freq	Ferguson	JCS	-	(1954) 304
		400-1400	Sol,L	Band freq, I	Ferguson	JCS	-	(1954) 3645
		650-1000	Sol,S	Substitution effect	Wang	SA	15	(1959) 1118
$C_{10}H_7I$	β-Iodonaphthalene	400-1400	Sol,S	Band freq, I	Ferguson	JCS	-	(1954) 3645
$C_{10}H_7NO$	4-Formylquinoline	1300-1700	Sol	Vibration freq	Katritzky	JCS	-	(1960) 2945
$C_{10}H_7NO$	6-Formylquinoline	1300-1700	Sol	Vibration freq	Katritzky	JCS	-	(1960) 2945

$C_{10}H_7NO$	1-Nitrosonaphthalene	-	-	Freq	Luttke	ZE	61	(1957)	976
$C_{10}H_7NO_2$	2-Amino-1,4-naphthoquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{10}H_7NO_2$	4-Amino-1,2-naphthoquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{10}H_7NO_2$	2-Carboxyquinoline	700-4000	S,L	Group freq	Flett	JCS	-	(1951)	962
		2-15 μ	-	Spec	Barr	JACS	74	(1952)	4430
		-	S	Group freq	Hammick	JCS	-	(1952)	4545
		-	Sol	Group freq	Witkop	JACS	75	(1953)	2572
		600-4000	S	Group study	Braunholtz	JCS	-	(1953)	868
$C_{10}H_7NO_2$	Cinchoninic acid	1500-4000	S	Group study	Braunholtz	JCS	-	(1959)	868
$C_{10}H_7NO_2$	2-Formylquinoline-N-oxide	700-3000	-	Spec	Shindo	CPBT	8	(1960)	845
$C_{10}H_7NO_2$	5-Formyl-8-hydroxyquinoline	3300-3400	Sol	Freq, H bond	Badger	JCS	-	(1958)	3437
$C_{10}H_7NO_2$	1,2-Naphthoquinone-1-oxime	600-1700	S	Spec, Struct, Assign	Hadzi	JCS	-	(1956)	2725
$C_{10}H_7NO_2$	1,2-Naphthoquinone-2-oxime	600-1700	S,Sol	Spec, Struct, Assign	Hadzi	JCS	-	(1956)	2725
$C_{10}H_7NO_2$	1,4-Naphthoquinone monoxime	600-1700	S,Sol	Spec, Struct, Assign	Hadzi	JCS	-	(1956)	2725
$C_{10}H_7NO_2$	1-Nitroazulene	-	-	Freq	Anderson	JACS	75	(1953)	4980
$C_{10}H_7NO_2$	α-Nitronaphthalene	2.5-10 μ	Sol	Spec	Stang	PR	9	(1917)	542
		1350	Sol	Freq, H bond	Hathaway	TFS	45	(1949)	818
		650-1000	Sol,S	Substitution effect	Wang	SA	15	(1959)	1118
$C_{10}H_7NO_2$	β-Nitronaphthalene	1350	Sol	Freq, H bond	Hathaway	TFS	45	(1949)	818
		-	-	Ident	Danish	JACS	76	(1954)	6144

$C_{10}H_7NO_2$	1-Nitroso-2-naphthol	-	Sol	Group study	Amstutz	JACS	73 (1951)	1220
		3000-3500	Sol,S	H bond	Boll	ACS	12 (1958)	1777
$C_{10}H_7NO_2.HCl$	Quinaldinic acid hydrochloride	-	S	Group freq	Hammick	JCS	- (1952)	4545
$C_{10}H_7NO_3$	N-Acetylisatin	700-4000	Sol	Freq assign, Substitution effect	Holt	JCS	- (1958)	1217
$C_{10}H_7NO_3$	2-Benzylideneoxazolidine-4,5-dione	2-16 μ	-	Spec, Struc, Group study	Skinner	JACS	75 (1953)	977
$C_{10}H_7NO_3$	4-Hydroxy-3-quinolinecarboxylic acid	-	S	Ident	Bernstein	JACS	76 (1954)	2760
$C_{10}H_7NO_3$	4-Methylcarbostyril-5,6-quinone	-	-	Ident, Group study	Holmes	JACS	76 (1954)	2400
$C_{10}H_7NO_3$	1-Nitro-2-naphthol	-	-	Group freq	Amstutz	JACS	73 (1951)	1220
		3000-3500	Sol,S	H bond	Boll	ACS	12 (1958)	1777
		-	Sol,L	Freq, H bond	Reeves	CJC	38 (1960)	1249
$C_{10}H_7NO_3$	2-Nitro-1-naphthol	630-900	Sol,S	Substitution effect	Cencelj	SA	7 (1955)	274
$C_{10}H_7NO_3$	4-Phenylpyrrolidinetrione	2-16 μ	-	Group freq, Spec	Skinner	JACS	75 (1953)	977
$C_{10}H_7NO_4$	7-Carbomethoxyisatin	-	-	Spec	Grundon	JACS	74 (1952)	2637
$C_{10}H_7NO_4$	4-Carboxy-7-methoxyisatin	1500-3500	Sol,S	Freq assign, Struct	Sadler	JCS	- (1959)	667
$C_{10}H_7NO_4$	5-Carboxymethylisatin	1500-3500	Sol,S	Freq assign, Struc	Sadler	JCS	- (1959)	667
$C_{10}H_7N_3$	2,3-Naphthotriazole	-	S	Band freq, H bond	O'Sullivan	JCS	- (1960)	3653
$C_{10}H_7N_3O_3S.H_2O$	2-Amino-8-nitro-4H-triazolo [5,4-c] benzopyran hydrate	-	-	Band freq	Hurd	JACS	76 (1954)	5065

$C_{10}H_7N_3O_4$	3,5-Dinitro-1-naphthylamine	7.5-15 μ	S	Ident	Ward	JCS	-	(1954)	4541
$C_{10}H_7N_3O_4$	3,8-Dinitro-1-naphthylamine	7.5-15 μ	S	Ident	Ward	JCS	-	(1954)	4541
$C_{10}H_8$	Azulene	700-2100	-	Spec, Group study	Gordon	CR	50	(1952)	127
		-	-	Ident	Doering	JACS	75	(1953)	2386
		-	-	Vibration analysis	Sidman	JCP	24	(1956)	757
		-	-	Freq assign, I	Hunt	JMS	3	(1959)	604
$C_{10}H_8$	Benzofulvene	1250-4000	Sol	Spec	Wood	AC	30	(1958)	1339
$C_{10}H_8$	Naphthalene	2.5-10 μ	Sol	Spec	Stang	PR	9	(1917)	545
		1-12 μ	L	Spec	Bell	JACS	47	(1925)	2811
		2.6-3.8 μ	Sol	Spec	Fox	JCS	-	(1939)	318
		3.2-3.4 μ	Sol	Group study	Wall	JACS	62	(1940)	2225
		1150-1800	-	Spec	Barnes	IEC	15	(1943)	659
		-	-	Spec	Couture	JCP	15	(1947)	153
		-	-	FC	Coulson	PRS	193	(1948)	456
		8000-9000	Sol	Group study	Hibbard	AC	21	(1949)	486
		9-14 μ	Sol	Spec	Armstrong	JCS	-	(1950)	3359
		-	Sol	Assign	Corrsin	PR	79	(1950)	235
		-	-	Assign, Thermo	Barrow	JACS	73	(1951)	573
		670-2040	Sol,S	Spec	Cannon	SA	4	(1951)	373
		787	G,S	Spec	Pimentel	JCP	19	(1951)	1536
		615-645	S	Spec	Person	JCP	20	(1952)	1913
		3-22 μ	L,G,S	Spec, Freq	Pimentel	JCP	20	(1952)	270
		-	G	Spec, Assign	Schnepp	JCP	20	(1952)	1375
		-	Sol	Analysis, Calibration	Williams	AC	24	(1952)	1911
		-	-	Band freq, Ident	Hochstein	JACS	75	(1953)	5455
		12.5-13 μ	Sol	Band freq	Klein	AC	25	(1953)	1818
		640-1400	Sol	Halogen addition	Haller	JCP	22	(1954)	720
		-	-	Vibration assign	Mc Clure	JCP	22	(1954)	1668
		-	-	Ident	Blomginst	JACS	77	(1955)	81
		-	-	Freq, Table	Coulson	JCS	-	(1955)	1813
		350-3800	Sol	Spec, Assign	Lippincott	JCP	23	(1955)	238
		-	-	Assign, Thermo	Mc Clellan	JCP	23	(1955)	245

		-	S	Assign	Mc Clure	JCP	23 (1955)	1575
		130-3500	G,S	Spec, Assign	Person	JCP	23 (1955)	230
		-	S	Spec	Pimentel	JCP	23 (1955)	234
		670-900	S,L	Substitution effect, H bond	Werner	AJC	8 (1955)	346
		3-4 μ	L,Sol	Group study	Tallent	AC	28 (1956)	953
		650-1050	-	Freq	Scully	JMS	1 (1957)	257
		-	S	Group study	Wiberly	AC	29 (1957)	210
		-	Sol,S	Freq, Assign	Bruhn	ZE	62 (1958)	441
		-	G,S,L, Sol	Freq	Fialkovskaya	IANS	22 (1958)	1093
		15-35 μ	S	Spec, Struc	Bentley	SA	15 (1959)	165
		10-100 μ	S	Freq	Fialkovskaya	IANS	23 (1959)	62
		12.8 μ	L	Ident	Curry	AC	31 (1959)	960
		780	Sol	Band freq, I	La Lau	SA	14 (1959)	181
		300-3300	Sol	Spec, Freq, Assign	Mitra	CJC	37 (1959)	553
		-	-	FC	O'Connell	DA	19 (1959)	1582
		-	-	NCA, Assign	Sverdlow	OS	7 (1959)	460
		-	-	Freq assign, NCA	Freeman	SA	16 (1960)	1393
		5-15 μ	S	Freq, I	Lippincott	SA	16 (1960)	58
		-	-	NCA	Scully	SA	16 (1960)	1409
		-	-	Spec, FC	Zhirnov	OS	9 (1960)	734
$C_{10}H_8BrNO_2$	5-Bromo-1-acetyl-indoxyl	700-4000	Sol	Substitution effect	Holt	JCS	- (1958)	1217
$C_{10}H_8BrNO_2$	6-Bromo-1-acetyl-indoxyl	700-4000	Sol	Substitution effect	Holt	JCS	- (1958)	1217
$C_{10}H_8BrNO_2$	4-Bromoindoxyl acetate	700-5400	Sol,S	Freq, Struc, H bond, Assign	Holt	JCS	- (1958)	1217
$C_{10}H_8BrNO_2$	5-Bromoindoxyl acetate	700-4000	Sol,S	Freq, Struc, H bond, Assign	Holt	JCS	- (1958)	1217
$C_{10}H_8BrNO_2$	6-Bromoindoxyl acetate	700-4000	Sol,S	Freq, Struc, H bond	Holt	JCS	- (1958)	1217

$C_{10}H_8Br_2O$	2,2-Dibromo-α-tetralone	-	-	Ident	Rutherford	JACS	77 (1955) 3278
$C_{10}H_8ClNO_2$	4-Chloro-1-acetyl-indoxyl	700-4000	Sol	Substitution effect	Holt	JCS	- (1958) 1217
$C_{10}H_8ClNO_2$	5-Chloro-1-acetyl-indoxyl	700-4000	Sol	Substitution effect	Holt	JCS	- (1958) 1217
$C_{10}H_8ClNO_2$	6-Chloro-1-acetyl-indoxyl	700-4000	Sol	Substitution effect	Holt	JCS	- (1958) 1217
$C_{10}H_8ClNO_2$	4-Chloroindoxyl-acetate	700-4000	Sol,S	Freq assign, Struc, H bond	Holt	JCS	- (1958) 1217
$C_{10}H_8ClNO_2$	5-Chloroindoxyl acetate	700-4000	S,Sol	Freq assign, Struc, H bond	Holt	JCS	- (1958) 1217
$C_{10}H_8ClNO_2$	6-Chloroindoxyl acetate	700-4000	S,Sol	Freq, Assign, Struc, H bond	Holt	JCS	- (1958) 1217
$C_{10}H_8ClNO_2$	7-Chloroindoxyl acetate	700-4000	S,Sol	Freq assign, Struc, H bond	Holt	JCS	- (1958) 1217
$C_{10}H_8ClNO_4$	2-Chloroallyl alcohol -nitrobenzoate	-	-	Ident, Struc	Noland	JACS	77 (1955) 3395
$C_{10}H_8ClNS$	7-Chloro-4-methyl-2-quinolinethiol	2-16 μ	S	Spec	Harman	JACS	71 (1949) 3733
$C_{10}H_8Cl_2O$	2,2-Dichloro-α-tetralone	- -	- -	Ident Group freq, Substitution effect	Rutherford Stevens	JACS JACS	77 (1955) 3278 77 (1955) 4590
$C_{10}H_8Cl_3NO_2$	2,3,5-Trichloro-6-(2'-dimethylamino-vinyl)quinone	2200-8000	Sol	Band freq	Buckley	JCS	- (1957) 4891

$C_{10}H_8Cl_3NO_3$	2,3,5-Trichloro-6-morpholino-p-benzoquinone	2200-8000	Sol	Band freq	Buckley	JCS - (1957) 4891
$C_{10}H_8FNO_2$	5-Fluoro-1-acetylindoxyl	700-4000	Sol	Freq assign, Substitution effect	Holt	JCS - (1958) 1217
$C_{10}H_8FNO_2$	5-Fluoroindoxyl acetate	700-4000	S,Sol	Struc, Freq, H bond	Holt	JCS - (1958) 1217
$C_{10}H_8FNO_2$	6-Fluoroindoxyl acetate	700-4000	S,Sol	Struc, Freq, Hbond	Holt	JCS - (1958) 1217
$C_{10}H_8F_3NO_2$	N-Acetyl-N-trifluoroacetylaniline	-	Sol	Group freq	Bourne	JCS - (1952) 4014
$C_{10}H_8F_{12}$	1,1,1,8,8,8-Hexafluoro-4,6-bistrifluoromethyl-2-octene	-	-	Group freq	Haszeldine	JCS - (1952) 2504
$C_{10}H_8INO_2$	5-Iodo-1-acetylindoxyl	700-4000	Sol	Band freq, Substitution effect	Holt	JCS - (1958) 1217
$C_{10}H_8INO_2$	6-Iodo-1-acetylindoxyl	700-4000	Sol	Substitution effect	Holt	JCS - (1958) 1217
$C_{10}H_8INO_2$	4-Iodoindoxyl acetate	700-4000	S,Sol	Freq, Struct, H bond	Holt	JCS - (1958) 1217
$C_{10}H_8INO_2$	5-Iodoindoxyl acetate	700-4000	S,Sol	Freq, Struc, H bond	Holt	JCS - (1958) 1217
$C_{10}H_8INO_2$	6-Iodoindoxyl acetate	700-4000	S,Sol	Freq, Struc, H bond	Holt	JCS - (1958) 1217
$C_{10}H_8INO_2$	7-Iodoindoxyl acetate	700-4000	S,Sol	Freq, Struc, H bond	Holt	JCS - (1958) 1217
$C_{10}H_8N_2$	2,2'-Bipyridine	600-2000	S	Spec	Schilt	JINC 9 (1959) 211
$C_{10}H_8N_2 \cdot HClO_4$	2,2'-Bipyridine perchlorate	600-2000	S	Spec	Schilt	JINC 9 (1959) 211

$C_{10}H_8N_2$	α,β'-Dipyridyl	1-7μ	L	Spec	O'Byrne	JOSA	23	(1933)	92
$C_{10}H_8N_2$	4,4'-Dipyridyl	-	Sol	Ident	Rausch	JACS	76	(1954)	3622
$C_{10}H_8N_2$	3-Indolylacetonitrile	700-3500	L	Spec, Group freq, Band freq	Henbest	JCS	-	(1953)	3796
$C_{10}H_8N_2O$	4-Carbamoylquinoline	1300-1700	Sol	Freq	Katritzky	JCS	-	(1960)	2942
$C_{10}H_8N_2O$	1-Diazo-4-phenyl-3-butenone-2	2-12.5μ	Sol	Spec	Wotiz	JOC	20	(1955)	210
$C_{10}H_8N_2O_2$	Furfural azine	1400-2000	Sol	Spec	Blout	JACS	70	(1948)	194
$C_{10}H_8N_2O_2$	3-Imino-4-phenyl-pyrrolidine-2,5-dione	2-16μ	-	Freq, Struc, Spec	Skinner	JACS	75	(1953)	977
$C_{10}H_8N_2O_2$	2-Phenyl-4,6-dihydroxy-pyrimidine	650-3600	S	Group study, Freq, Struc	Tanner	SA	8	(1956)	9
$C_{10}H_8N_2O_2$	1-Nitro-2-amino-naphthalene	1350-3500	Sol	Group study, Freq, H bond	Hathaway	TFS	45	(1949)	818
		1250-3600	Sol	Freq, H bond	Dyall	AJC	11	(1958)	513
		3000-3600	Sol	Freq	Hambley	AJC	11	(1958)	529
$C_{10}H_8N_2O_2$	1-Nitro-7-amino-naphthalene	630-900	S,Sol	Substitution effect	Cencelj	SA	7	(1955)	274
$C_{10}H_8N_2O_2$	2-Nitro-1-amino-naphthalene	1350-3500	Sol	Group freq, H bond	Hathaway	TFS	45	(1949)	818
		1250-3600	Sol	Freq, H bond	Dyall	AJC	11	(1958)	513
		3000-3600	Sol	Freq	Hambley	AJC	11	(1958)	529
$C_{10}H_8N_2O_2$	3-Nitro-1-amino-naphthalene	1350-3500	Sol	Group freq, H bond	Hathaway	TFS	45	(1949)	818
$C_{10}H_8N_2O_2$	3-Nitro-2-amino-naphthalene	1250-3000	Sol	Group freq, H bond	Hathaway	TFS	45	(1949)	818

$C_{10}H_8N_2O_2$	4-Nitro-2-amino-naphthalene	1350-3000	Sol	Group freq, H bond	Hathaway	TFS	45 (1949)	818
$C_{10}H_8N_2O_2$	5-Nitro-1-amino-naphthalene	1350-3000	Sol	Group freq, H bond	Hathaway	TFS	45 (1949)	818
$C_{10}H_8N_2O_2$	5-Nitro-2-amino-naphthalene	1350-3000	Sol	Group freq, H bond	Hathaway	TFS	45 (1949)	818
$C_{10}H_8N_2O_2$	6-Nitro-1-amino-naphthalene	1350-3000	Sol	Group freq, H bond	Hathaway	TFS	45 (1949)	818
$C_{10}H_8N_2O_2$	7-Nitro-2-amino-naphthalene	1350-3500	Sol	Group freq, H bond	Hathaway	TFS	45 (1949)	818
$C_{10}H_8N_2O_2$	8-Nitro-1-amino-naphthalene	1350-3500	Sol	Group freq, H bond	Hathaway	TFS	45 (1949)	818
$C_{10}H_8N_2O_2$	8-Nitro-2-amino-naphthalene	1350-3000	Sol	Group freq, H bond	Hathaway	TFS	45 (1949)	818
$C_{10}H_8N_2O_3$	4-Amino-7-methyl-isatin	1500-3500	S,Sol	Freq assign, Struct	Sadler	JCS	- (1959)	667
$C_{10}H_8N_2O_3 \cdot 1/2 H_2O$	2-Phenyl-4,5,6-trihydroxypyri-midine semihydrate	650-3600	S	Group study, Struct	Tanner	SA	8 (1956)	9
$C_{10}H_8O_3S_2$	3-p-Nitrobenzoyl-2-thiothiazolidone	-	-	Group freq	Clapp	JACS	75 (1953)	1490
$C_{10}H_8N_2O_4$	5-Nitro-1-acetyl-indoxyl	700-4000	Sol	Freq, Substitution effect	Holt	JCS	- (1958)	1217
$C_{10}H_8N_2O_4$	6-Nitro-1-acetyl-indoxyl	700-4000	Sol	Freq, Substitution effect	Holt	JCS	- (1958)	1217

$C_{10}H_8N_2O_4$	5-Nitro-N-acetyl-oxindole	700-4000	Sol	Freq, Substitution effect	Holt	JCS	-	(1958)	1217
$C_{10}H_8N_2O_6$	2-Acetoxy-2,ω-dinitrostyrene	5.58-11.82μ	Sol	Table, Group freq, I	Eka	JACS	76	(1954)	5579
$C_{10}H_8N_2S$	5-Thioformamido-quinoline	1300-1700	Sol	Stretching freq	Katritzky	JCS	-	(1960)	2942
$C_{10}H_8N_2S$	8-Thioformamido-quinoline	1300-1700	Sol	Stretching freq	Katritzky	JCS	-	(1960)	2942
$C_{10}H_8N_4$	2,2'-Azopyridine	600-1800	S	Spec, Assign	LeFevre	AJC	6	(1953)	341
$C_{10}H_8N_4O_8$	Oxalacetic acid-2,4-dinitrophenyl-hydrazone	1400-1800	-	Ident	Drew	JACS	74	(1952)	1852
		1300-3400	-	Spec, Struct	Isherwood	N	175	(1955)	419
$C_{10}H_8O$	α-Naphthol	2.5-10μ	Sol	Spec, Solvent effect	Stang	PR	9	(1917)	542
		2.5-3.1μ	Sol	H bond	Gordy	JACS	62	(1940)	497
		1600-3700	Sol	Spec	Hunsberger	JACS	72	(1950)	5626
		2.5-15μ	Sol	Spec, Band freq, I	Friedel	JACS	73	(1951)	2881
		2.84μ	Sol	Anal	Simard	AC	23	(1951)	1384
		8-13μ	S	Struct	Klemm	JACS	76	(1954)	1688
		-	Sol	Freq	Goulden	SA	6	(1954)	129
		-	Sol	Freq	Bavin	CJC	35	(1957)	1555
		3μ	Sol	Freq, H bond	Flett	SA	10	(1958)	21
		3570-3700	Sol	Freq, I	Flynn	AJC	12	(1959)	575
		650-1000	Sol,S	Substitution effect	Wang	SA	15	(1959)	1118
$C_{10}H_8O$	β-Naphthol	2.5-10μ	Sol	Spec, Solvent effect	Stang	PR	9	(1917)	542
		1100-1700	-	Spec	Burnes	IEC	15	(1943)	659
		1600-3700	Sol	Spec	Hunsberger	JACS	72	(1950)	5626
		2.5-15μ	Sol	Spec, Band freq, I	Friedel	JACS	73	(1951)	2881
		2.84μ	Sol	Ident	Simard	AC	23	(1951)	1384
		-	Sol	Group freq	Goulden	SA	6	(1954)	129
		-	Sol	Group freq	Bavin	CJC	35	(1957)	1555
		3μ	Sol	Group freq, H bond	Flett	SA	10	(1958)	21

		3570-3700	Sol	Freq, I	Flynn	AJC	12 (1959) 575
		600-1000	Sol,S	Substitution effect	Wang	SA	15 (1959) 1118
$C_{10}H_8O$	1-Phenylbut-3-yn-1-one	-	L	Freq	Henbest	JCS	- (1952) 4536
$C_{10}H_8OS$	2-Acetyl-4,5-benzothiophene	2.5-15μ	Sol	Spec	Farrar	JACS	72 (1950) 4433
$C_{10}H_8OS$	3-Acetyl-4,5-benzothiophene	2.5-15μ	Sol	Spec	Farrar	JACS	72 (1950) 4433
$C_{10}H_8OS$	5-Phenylthiophene-2-ol	-	Sol	Group study, Freq	Kosak	JACS	76 (1954) 4450
$C_{10}H_8OS$	5-Phenylthiophene-3-ol	-	Sol	Freq, Group study	Kosak	JACS	76 (1954) 4450
$C_{10}H_8OS_2$	2-Acetylbenzo-1,4-dithiadiene	-	-	Freq	Parham	JACS	76 (1954) 4957
$C_{10}H_8O_2$	1,8-Dihydroxy-naphthalene	6500-7200	Sol	Band freq	Wulf	JACS	58 (1936) 2287
$C_{10}H_8O_2$	Methyl 3-phenyl-propynoate	-	Sol	Group freq, I	Allan	JCS	- (1955) 1874
$C_{10}H_8O_2$	β-Phenyl-Δ-α,β-butenolide	1550-1850	Sol	Freq, I	Jones	CJC	37 (1959) 2007
$C_{10}H_8O_2$	γ-Phenyl-Δ-β,γ-butenolide	-	Sol	Freq	Ramirez	JACS	77 (1955) 3768
$C_{10}H_8O_2S$	β-Naphthylsulphinic acid	700-3300	S	Struct assign, Spec, H bond	Detoni	JCS	- (1955) 3163
		600-4000	S	Freq	Braunholtz	JCS	- (1959) 868
$C_{10}H_8O_3$	4-Hydroxy-6-methyl coumarin	2-15μ	S,Sol	Struc, Spec	Farmer	SA	15 (1959) 870

$C_{10}H_8O_3S$	Naphthalene-β-sulfonic acid	-	S	Spec, Ident	Kalkwarf	AC	26 (1954)	191
$C_{10}H_8O_4$	Dimethyl trans-2-octen-4,6-diyne-1,8-dioate	-	Sol	Group freq, I	Allan	JCS	- (1955)	1874
$C_{10}H_8O_4$	4-Hydroxy-6-methoxy-coumarin	2-15μ	S,Sol	Struc, Spec	Farmer	SA	15 (1959)	870
$C_{10}H_8O_4$	4-Hydroxy-7-methoxy-coumarin	2-15μ	S,Sol	Struc, Spec	Farmer	SA	15 (1959)	870
$C_{10}H_8O_4$	Phenylmaleic acid	-	S	Group freq	Tayler	JACS	76 (1954)	1872
$C_{10}H_8O_4 \cdot \frac{1}{2}H_2O$	Phenylmaleic acid, semihydrate	-	S	Group freq	Tayler	JACS	76 (1954)	1872
$C_{10}H_8O_4$	1,2,3,4-Tetrahydro-5,8-dihydroxy-1,4-dioxonaphthalene	-	Sol	H bond	Farmer	JCS	- (1956)	3600
$C_{10}H_8O_5$	Norisogladiolic acid	-	Sol	Group freq, Struc	Duncanson	JCS	- (1953)	3637
$C_{10}H_8O_7$	3-Methoxybenzene-1,2,4-tricarboxylic acid	-	-	Freq, Ident	Gardner	JCS	- (1954)	1817
$C_{10}H_8O_7$	4-Methoxybenzene-1,2,3-tricarboxylic acid	-	-	Freq	Gardner	JCS	- (1954)	1817
$C_{10}H_8O_7$	5-Methoxybenzene-1,2,3-tricarboxylic acid	-	-	Freq	Gardner	JCS	- (1954)	1817
$C_{10}H_8O_7$	5-Methoxybenzene-1,2,4-tricarboxylic acid	-	-	Freq	Gardner	JCS	- (1954)	1817

$C_{10}H_8O_7$	6-Methoxybenzene-1,2,4-tricarboxylic acid	-	-	Freq	Gardner	JCS - (1954) 1817
$C_{10}H_8S$	2-Naphthalenethiol	2-16μ	S	Spec	Haunon	JACS 71 (1949) 3733
$C_{10}H_8S$	2-Phenylthiophene	800-2000	Sol	I	Katritzky	JCS - (1959) 3500
$C_{10}H_9BrN_2O_6$	1-Bromo-2-propanol 3,5-dinitrobenzoate	-	Sol	Spec	Stewart	JACS 76 (1954) 1259
$C_{10}H_9BrN_2O_6$	2-Bromo-1-propanol 3,5-dinitrobenzoate	-	Sol	Spec	Stewart	JACS 76 (1954) 1259
$C_{10}H_9BrN_4O_4$	2-Bromocyclobutanone-2,4-dinitrophenylhydrazone	-	-	Band freq	Ramire	JACS 76 (1954) 491
$C_{10}H_9BrO_3$	p-Bromophenacyl acetate	-	-	Ident	Wagner	JACS 75 (1953) 4684
$C_{10}H_9BrO_3$	Methyl o-bromoacetylbenzoate (normal ester)	-	-	Band freq	Boyer	JACS 75 (1953) 2683
$C_{10}H_9BrO_3$	Methyl o-bromoacetylbenzoate (pseudo ester)	-	-	Band freq	Boyer	JACS 75 (1953) 2683
$C_{10}H_9BrO_4$	Methyl 4-bromo-3-methoxy-5-oxocycloheptatrienecarboxylate	767-1730	S	Table, I	Johns	JCS - (1954) 198
$C_{10}H_9ClN_2O_5$	p-Nitrobenzyl N-chloroacetylcarbamate	650-4000	Sol	Spec	Pianka	JCS - (1960) 983

$C_{10}H_9ClN_2O_6$	1-Chloro-2-propanol 3,5-dinitrobenzoate	-	Sol	Spec	Stewart	JACS	76 (1954) 1259
$C_{10}H_9ClN_2O_6$	2-Chloro-1-propanol 3,5-dinitrobenzoate	-	Sol	Spec	Stewart	JACS	76 (1954) 1259
$C_{10}H_9ClO$	2-Chloro-α-tetralone	-	-	Ident	Rutherford	JACS	77 (1955) 3278
		-	-	Bond freq	Stevens	JACS	77 (1955) 4590
$C_{10}H_9ClO_2$	4-Chloro-7-hydroxy-3-methylindanone	-	Sol	H bond, Chelation effect	Farmer	JCS	- (1956) 3600
$C_{10}H_9ClO_3$	5-Chloro-8-hydroxy-7-methoxyindanone	-	Sol	H bond, Chelation effect	Farmer	JCS	- (1956) 3600
$C_{10}H_9ClO_3$	4-Chloro-7-methoxy-3-methylphthalide	-	-	Ident	Kushner	JACS	74 (1952) 3710
$C_{10}H_9ClO_4$	4-Chloro-3-hydroxy-7-methoxy-3-methyl-phthalide	-	-	Ident	Kushner	JACS	74 (1952) 3710
		-	-	Group study	Boothe	JACS	75 (1953) 3261
$C_{10}H_9FN_4O_6$	2,4-Dinitrophenyl-hydrazone of methyl fluoropyruvate	900-1145	S	Freq, H bond	Bergmann	JCS	- (1956) 1519
$C_{10}H_9FN_4O_6$	N-Methyl-2,4-dinitro-phenylhydrazone of fluoropyruvic acid	900-1220	S	Freq, H bond	Bergmann	JCS	- (1956) 1519
$C_{10}H_9F_3N_4O_4$	1,1,1-Trifluoro-butan-2-one-2,4-dinitrophenyl-hydrazone	-	-	Ident	Haszeldine	JCS	- (1954) 1261
$C_{10}H_9F_3N_4O_4$	4,4,4-Trifluoro-butan-2-one-2,4-dinitrophenyl-hydrazone	-	-	Ident	Haszeldine	JCS	- (1954) 1261

$C_{10}H_9F_{12}I$	1,1,1,8,8,8-Hexafluoro-2-iodo-4,6-bis-trifluoromethyl-octane	-	-	Struc	Haszeldine	JCS	- (1952) 2504
$C_{10}H_9F_{12}I$	1,1,1,4,4,4-Hexafluoro-2-(3',3',3'-trifluoro-2'-[3",3",3"-trifluoro-2"-iodopropyl]propyl)butane	-	-	Struc, Inolic	Haszeldine	JCS	- (1952) 2504
$C_{10}H_9IN_2O_6$	1-Iodo-2-propanol 3,5-dinitrobenzoate	-	Sol	Spec	Stewart	JACS	76 (1954) 1259
$C_{10}H_9IN_2O_6$	2-Iodo-1-propanol 3,5-dinitrobenzoate	-	Sol	Spec	Stewart	JACS	76 (1954) 1259
$C_{10}H_9N$	Cyclooctatetraenyl-acetonitrile	2-16 μ	L	Spec, Bond freq	Cope	JACS	76 (1954) 4945
$C_{10}H_9N$	Cycloocta-2,4,6(or 7)-trienylidene-acetonitrile	2-16 μ	L	Spec, Bond freq	Cope	JACS	76 (1954) 4945
$C_{10}H_9N$	2-Methylquinoline	1300-1700	Sol	Stretching freq	Katritzky	JCS	- (1960) 2942
$C_{10}H_9N$	3-Methylquinoline	1300-1700	Sol	Stretching freq	Katritzky	JCS	- (1960) 2942
$C_{10}H_9N$	4-Methylquinoline	1300-1700	Sol	Stretching freq	Katritzky	JCS	- (1960) 2942
$C_{10}H_9N$	5-Methylquinoline	1300-1700	Sol	Stretching freq	Katritzky	JCS	- (1960) 2942
$C_{10}H_9N$	6-Methylquinoline	1300-1700	Sol	Stretching freq	Katritzky	JCS	- (1960) 2942
$C_{10}H_9N$	7-Methylquinoline	1300-1700	Sol	Stretching freq	Katritzky	JCS	- (1960) 2942
$C_{10}H_9N$	8-Methylquinoline	1300-1700	Sol	Stretching freq	Katritzky	JCS	- (1960) 2942

$C_{10}H_9N$	α-Naphthylamine	2.5-10 μ	Sol	Spec, Solvent effect	Stang	PR	9	(1917)	542
		2-12 μ	L	Spec	Bell	JACS	49	(1925)	3039
		6-2.3 μ	L	Group study	Ellis	JACS	50	(1928)	685
		2.6-3.1 μ	Sol	H bond	Gordy	JACS	62	(1940)	497
		900-2000	-	Spec	Barnes	IEC	15	(1943)	659
		3230-3330	-	Group freq	Flett	JCS	-	(1948)	1441
		3500	Sol	Group freq, H bond	Hathaway	TFS	45	(1949)	818
		3-6 μ	Sol	Spec, Band freq, Struc	Angyal	JCS	-	(1952)	2911
		-	Sol	Freq, FC, H bond	Short	JCS	-	(1952)	4584
		2900-3100	Sol	Freq	Hill	JCS	-	(1958)	760
		3000-4000	Sol	Freq, I	Orville	JCS	-	(1958)	1047
		3 μ	Sol	FC, Freq	Elliot	JCS	-	(1959)	1275
		650-1000	Sol	Substitution effect	Wang	SA	15	(1959)	1118
$C_{10}H_9N$	β-Naphthylamine	2.5-10 μ	Sol	Group freq, H bond	Stang	PR	9	(1917)	542
		6500-7000	Sol	Spec, Group analysis	Wulf	JACS	57	(1935)	1464
		900-2000	-	Spec	Barnes	IEC	15	(1943)	659
		3230-3400	-	Group freq	Flett	JCS	-	(1948)	1441
		3500	Sol	Group freq, H bond	Hathaway	TFS	45	(1949)	818
		-	Sol	FC, H bond, Stretch freq	Short	JCS	-	(1952)	4584
		-	Sol	Freq	Krueger	PRS	243	(1957)	143
		3000-4000	Sol	Freq, I	Orville	JCS	-	(1958)	1047
		3 μ	Sol	Freq, FC	Elliot	JCS	-	(1959)	1275
		650-1000	Sol	Substitution effect	Wang	SA	15	(1959)	1118
$C_{10}H_9N$	1-Phenylcyclopropane-carbonitrile	2-14.5 μ	L	Spec, Table, Band freq	Wiberly	AC	24	(1952)	623
$C_{10}H_9N$	Quinaldine	-	Sol	Spec	Izrailevich	DANS	111	(1956)	617
$C_{10}H_9NO$	3-Acetylindole	700-4000	S	H bond, Band freq	Tanner	SA	9	(1957)	282
$C_{10}H_9NO$	p-Acetylphenyl-acetonitrile	-	-	Group freq	Roring	JACS	75	(1953)	5381
$C_{10}H_9NO$	Echinopsine (III)	2800-3000	S	Group study	Braunholtz	JCS	-	(1958)	2780

$C_{10}H_9NO$	3-Indolylacetaldehyde	700-3700	L	Spec, Band freq, Group freq	Brown	JCS	-	(1952)	3172
$C_{10}H_9NO$	2-Methoxyquinoline	1450-4000	L	Spec, Freq	Price	AJC	12	(1959)	589
		1300-1700	Sol	Stretch freq	Katritzky	JCS	-	(1960)	2942
$C_{10}H_9NO$	4-Methoxyquinoline	1450-4000	S	Spec, Freq	Price	AJC	12	(1959)	589
$C_{10}H_9NO$	5-Methoxyquinoline	1300-1700	Sol	Stretch freq	Katritzky	JCS	-	(1960)	2942
$C_{10}H_9NO$	N-Methylcarbostyril	2-16 μ	Sol	Spec, Band freq	Cook	JOC	22	(1957)	211
$C_{10}H_9NO$	1-Methyl-3-hydroxy-quinoline	1400-3650	Sol	Spec, Assign	Mason	JCS	-	(1957)	4874
$C_{10}H_9NO$	1-Methyl-5-hydroxy-quinoline	1400-3650	Sol	Taut, Bond freq	Mason	JCS	-	(1957)	4874
$C_{10}H_9NO$	1-Methyl-6-hydroxy-quinoline	1400-3650	Sol	Taut, Bond freq	Mason	JCS	-	(1957)	4874
$C_{10}H_9NO$	1-Methyl-7-hydroxy-quinoline	1400-3650	Sol	Spec, Assign	Mason	JCS	-	(1957)	4874
$C_{10}H_9NO$	1-Methyl-8-hydroxy-quinoline	1400-3650	Sol	Spec, Assign	Mason	JCS	-	(1957)	4874
$C_{10}H_9NO$	2-Methyl-8-hydroxy-quinoline	2-11 μ	Sol	Spec	Phillips	JACS	71	(1949)	3984
		8-15 μ	S	Assign, Spec	Charles	SA	8	(1956)	1
		3300-3400	Sol	Freq, I, H bond	Badger	JCS	-	(1958)	3437
$C_{10}H_9NO$	4-Methyl-8-hydroxy-quinoline	2-11 μ	Sol	Spec	Phillips	JACS	71	(1949)	3984
		8-15 μ	S	Assign, Spec	Charles	SA	8	(1956)	1
$C_{10}H_9NO$	5-Methyl-8-hydroxy-quinoline	3300-3400	Sol	Freq, I, H bond	Badger	JCS	-	(1958)	3437
$C_{10}H_9NO$	1-Methylindole-3-aldehyde	700-4000	S	Spec, Freq	Tanner	SA	9	(1957)	282

$C_{10}H_9NO$	1-Methyl-2-quinolone	1450-4000	S	Spec, Freq	Price	AJC	12 (1959) 589
$C_{10}H_9NO$	1-Methyl-4-quinolone	1450-4000	S	Spec, Freq	Price	AJC	12 (1959) 589
$C_{10}H_9NO$	2-Methyl-4-quinolone	1450-4000	S,Sol	Spec, Freq	Price	AJC	12 (1959) 589
$C_{10}H_9NO$	4-Methyl-2-quinolone	-	S,Sol	Spec	Gibson	JCS	- (1955) 4340
		1450-4000	S,Sol	Spec, Freq	Price	AJC	12 (1959) 589
$C_{10}H_9NO$	α-Phenylacetoacetonitrile	-	S	Band freq	Chase	JCS	- (1953) 3518
$C_{10}H_9NOS$	Thioindoxyl acetate	700-4000	S,Sol	Freq, Struct, H bond	Holt	JCS	- (1958) 1217
$C_{10}H_9NOS_2$	3-Benzoyl-2-thiothiazolidone	-	-	Group freq	Clapp	JACS	75 (1953) 1490
$C_{10}H_9NO_2$	N-Acetylindoxyl	700-4000	Sol,S	Freq, H bond, Struc	Holt	JCS	- (1958) 1217
$C_{10}H_9NO_2$	N-Acetyloxindole	6μ	S,Sol	Group study	Abramovitch	JCS	- (1957) 1413
		700-4000	Sol	Assign, Substitution	Holt	JCS	- (1958) 1217
$C_{10}H_9NO_2$	Anilinotetronic acid	-	-	Ident	Hall	JCS	- (1954) 2034
$C_{10}H_9NO_2$	p-Cyanoethyl benzoate	650-900	Sol,L	Group study	Yoshida	CPBT	8 (1960) 389
$C_{10}H_9NO_2$	3-Indoleacetic acid	2-16μ	-	Ident	Houff	JACS	76 (1954) 5654
$C_{10}H_9NO_2$	Indoxyl acetate	700-4000	S,Sol	Freq assign, Struct, H bond	Holt	JCS	- (1958) 1217
$C_{10}H_9NO_2$	4-Hydroxy-1-methyl-2-quinolone	1450-4000	S	Spec, Freq	Price	AJC	12 (1959) 589
$C_{10}H_9NO_2$	5-Methoxy-3-phenyl isooxazole	1000-1680	S	Spec, Table, Group freq	Angyal	JCS	- (1953) 2181

$C_{10}H_9NO_2$	Monomethoxy quinoline-N-oxide	700-3000	-	Spec	Shindo	CPBT	8 (1960)	845
$C_{10}H_9NO_2$	2-Methylhomophthalimide	600-3500	S,Sol	Assign, Struo	Bluhm	SA	13 (1958)	93
$C_{10}H_9NO_2$	1-Methyl-3-hydroxymethyleneoxindole	2-11μ	S	Speo	Wenkert	JACS	75 (1953)	5514
$C_{10}H_9NO_2$	Methyl indole-3-carboxylate	1500-3000	S,Sol	Speo, Assign	Wetherell	JACS	81 (1959)	4517
$C_{10}H_9NO_2$	1-Methyloxindole-3-aldehyde	900-4000	S,Sol	Struo, H bond	O'Sullivan	JCS	- (1959)	876
$C_{10}H_9NO_2$	N-Phenylsuocinimide	-	Sol	Group freq	Cookson	JCS	- (1954)	4028
$C_{10}H_9NO_3$	3-Benzyloxazolidione	650-4000	Sol	Spec	Pianka	JCS	- (1960)	983
$C_{10}H_9NO_3$	N-Hydroxy-3-indoleacetic acid	-	-	Table, Group freq	Houff	JACS	76 (1954)	5654
$C_{10}H_9NO_3$	7-Hydroxyindole-3-acetic acid	-	S	Group freq	Ek	JACS	76 (1954)	5579
$C_{10}H_9NO_3$	N-Methyl-4-methoxyphthalimide	-	-	Ident	Boekelheide	JACS	75 (1953)	2550
$C_{10}H_9NO_3$	1-Phenyl-4-carboxy-2-azetidinone	2-10μ	Sol	Spec	Sheehan	JACS	72 (1950)	5158
$C_{10}H_9NO_3$	3-p-Tolyloxazolid-2,4-dione	650-4000	Sol	Spec	Pianka	JCS	- (1960)	983
$C_{10}H_9NO_3S$	p-Cyanophenyl acetylmethyl sulfone	-	S	Substitution effect	Momose	CPBT	6 (1958)	412

$C_{10}H_9NO_4$	Methyl o-nitro-cinnamate	800-1600	-	Band I, Mol consts	Katritzky	JCS	-	(1959)	3670
		800-1500	Sol	Group assign	Katritzky	SA	16	(1960)	954
		-	-	Assign	Katritzky	SA	16	(1960)	964
$C_{10}H_9NO_4$	γ-p-Nitrophenyl-γ-butyrolactone	5-14μ	S,Sol	Spec	Cristol	JACS	74	(1952)	4083
$C_{10}H_9NO_5$	5-Acetyl-6-methyl-3,4-pyridine-carboxylic acid	-	-	Ident, Spec	Jones	JACS	73	(1951)	5610
$C_{10}H_9NS$	1-Methylmercapto-isoquinoline	700-3800	S,Sol	Freq, Assign	Spinner	JCS	-	(1960)	1237
$C_{10}H_9NS$	2-Methylmercapto quinoline	700-3800	S,Sol	Freq, Assign	Spinner	JCS	-	(1960)	1237
$C_{10}H_9NS$	4-Methylmercapto-quinoline	700-3800	S,Sol	Freq, Assign	Spinner	JCS	-	(1960)	1237
$C_{10}H_9NS$	8-Methylmercapto-quinoline	700-3800	S,Sol	Freq, Assign	Spinner	JCS	-	(1960)	1237
$C_{10}H_9NS$	7-Methyl-2-quinoline-thiol	2-16μ	S	Spec	Hannan	JACS	71	(1949)	3733
$C_{10}H_9NS$	7-Methyl-4-quinoline-thiol	2-16μ	S	Spec	Hannan	JACS	71	(1949)	3733
$C_{10}H_9NS$	N-Methyl-1-thioiso-quinolone	700-3800	S,Sol	Freq, Spec	Spinner	JCS	-	(1960)	1237
$C_{10}H_9NS$	N-Methyl-2-thioiso-quinolone	700-3800	S,Sol	Freq, Spec	Spinner	JCS	-	(1960)	1237
$C_{10}H_9NS$	N-Methyl-4-thioiso-quinolone	700-3800	S,Sol	Freq, Assign	Spinner	JCS	-	(1960)	1237

$C_{10}H_9NS_2$	2-Allylthiobenzo-thiazole	-	-	Group freq	Moore	JCS	-	(1952) 4237
$C_{10}H_9NS_2$	3-Allyl-2-thiobenzo-thiazoline	-	-	Group freq	Moore	JCS	-	(1952) 4237
$C_{10}H_9N_3$	4-Amino-5-phenyl-pyrimidine	2-25μ	S	Spec, Group freq	Short	JCS	-	(1952) 168
$C_{10}H_9N_3O$	2-Aminoquinoline-3-carboxamide	600-4000	-	Spec, Ident, Struct	Taylor	JOC	18	(1953) 175
$C_{10}H_9N_3O_2$	2-Aminoquinoline-3-carboxamide-1-oxide	600-4000	-	Spec, Struct	Taylor	JOC	18	(1953) 175
$C_{10}H_9N_3O_8$	DNP-L-Asparatic acid	625-5000	S	Spec, Ident	Friedberg	CJC	37	(1959) 1469
$C_{10}H_9N_5O$	Kinetin	3.2-13.3μ	S	Table	Miller	JACS	77	(1955) 1392
		-	-	Ident, Struct	Miller	JACS	77	(1955) 2662
$C_{10}H_9N_7$	5,7-Diamino-3-phenyl-5-triazolo[4,3-a]-S-triazine	-	-	Group freq, Iso	Koiser	JOC	18	(1953) 1610
$C_{10}H_9O_2P$	Naphthalenephosphinic acid	2-21μ	S	Spec, Struc anal	Daasch	AC	23	(1951) 853
		600-4000	S	Group study	Braunholtz	JCS	-	(1959) 868
$C_{10}H_{10}$	cis-2, cis-8-Decadien-4,6-diyne	-	Sol	Group freq, I	Allan	JCS	-	(1955) 1874
$C_{10}H_{10}$	trans-2, trans-8-Decadien-4,6-diyne	-	Sol	Group freq, I	Allan	JCS	-	(1955) 1874
$C_{10}H_{10}$	cis-1-Phenyl-1,3-butadiene	3-16μ	-	Spec, Ident	Craig	JACS	73	(1951) 1191
		5-15μ	-	Spec	Grummitt	JACS	73	(1951) 3479
$C_{10}H_{10}$	trans-1-Phenyl-1,3-butadiene	5-15μ	-	Spec	Grummitt	JACS	73	(1951) 3479

$C_{10}H_{10}$	Vinylcyclooctatetraene	2-16μ	Sol	Spec, Ident	Cope	JACS	73	(1951)	1195
		3-16μ	-	Spec	Craig	JACS	73	(1951)	1191
$C_{10}H_{10}Br_2O_2$	2,3-Dibromopropyl benzoate	-	L	Band freq	Edwards	JCS	-	(1953)	3427
$C_{10}H_{10}ClNO$	2-(3-Chloro-2-hydroxyphenyl)oxazoline	3μ	Sol	Bond freq, H bond	Flett	SA	10	(1958)	21
$C_{10}H_{10}Cl_2O_4$	ω,3-Dichloro-2-hydroxy-4,6-dimethoxyacetophenone	-	-	Group freq, Bond freq	Mac Millan	JCS	-	(1954)	429
$C_{10}H_{10}Cl_8$	Toxaphene	2-15μ	Sol	Spec	Garhart	AC	24	(1952)	851
		7-14.5μ	Sol	Spec	Kenyon	AC	24	(1952)	1197
$C_{10}H_{10}F_3NO$	N-Ethyltrifluoroacetanilide	2-15μ	L,Sol	Spec	Park	JACS	73	(1951)	5878
$C_{10}H_{10}INO_6$	p-Iodosonitrobenzene diacetate	665-1755	S,Sol	Assign, I	Bell	JCS	-	(1960)	1209
$C_{10}H_{10}N_2$	2-Cyano-1,3-butadiene dimer	700-3500	L	Spec, Struct, Anal	Marvel	JACS	71	(1949)	37
$C_{10}H_{10}N_2$	1,8-Diaminonaphthalene	630-900	S,Sol	Substitution effect	Cencelj	SA	7	(1955)	274
$C_{10}H_{10}N_2$	2,5-Dicyano-5-vinylcyclohexene-1	-	-	Band freq	Price	JACS	74	(1952)	2987
$C_{10}H_{10}N_2$	2,4-Dimethylquinazoline	700-3500	L	Spec, Table, Assign	Culbertson	JACS	74	(1952)	4834
$C_{10}H_{10}N_2$	Nicotyrine	2-15μ	Sol,L	Spec, Table	Eddy	AC	26	(1954)	1428
$C_{10}H_{10}N_2O$	N-Cyanomethylphenyl acetamide	1500-3600	S,Sol	Assign, Spec	Richards	JCS	-	(1947)	1248
		700-3400	S	Spec	Mann	PRS	192	(1948)	489
		3μ	Sol	Band freq	Russell	SA	8	(1956)	138

$C_{10}H_{10}N_2O$	1,2-Dimethyl-4-quinazolone	700-3500	S	Spec, Table Assign	Culbertson	JACS	74 (1952)	4834
$C_{10}H_{10}N_2O$	2,3-Dimethyl-4-quinazolone	700-3500	S	Spec, Table, Assign	Culbertson	JACS	74 (1952)	4834
$C_{10}H_{10}N_2O$	1-Phenyl-3-methyl-5-pyrazolone	-	S	Freq	Pickard	JACS	76 (1954)	5169
		-	S	Spec	Toda	NKZ	80 (1959)	402
$C_{10}H_{10}N_2OS$	5-Methyl-3-phenyl-2-thiohydantoin	2.5-15μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{10}H_{10}N_2O_2$	2,4-Dimethoxy-quinazoline	700-3500	S	Spec, Table, Assign	Culbertson	JACS	74 (1952)	4834
$C_{10}H_{10}N_2O_2$	1,3-Dimethyl-2,4-quinazolinedione	755-2915	S	Band freq, I	Culbertson	JACS	74 (1952)	4834
$C_{10}H_{10}N_2O_2$	3-Ethylbenzoylene-urea	2-16μ	S	Spec, Group freq	Staiger	JOC	18 (1953)	1427
$C_{10}H_{10}N_2O_2$	1-Methyloxindole-3-aldoxime	900-4000	Sol,S	Struct, H bond	O'Sullivan	JCS	- (1959)	876
$C_{10}H_{10}N_2O_2$	3-(2-Nitroethyl) indole	-	Sol,S	Group freq	Noland	JACS	76 (1954)	3227
$C_{10}H_{10}N_2O_2$	5,6-Tetramethylene-benzfuroxane	1400-1700	Sol	Band freq	Boyer	JACS	75 (1953)	5298
$C_{10}H_{10}N_2O_2S$	5-Hydroxymethyl-3-phenyl-2-thio-hydantoin	2.5-15μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{10}H_{10}N_2O_4$	Diethyl trans-1,2-dicyanoethylene-1,2-dicarboxylate	-	Sol	Freq, I	Felton	JCS	- (1955)	2170

$C_{10}H_{10}N_2O_4$	2-Nitro-4,5-dimethoxy-phenylacetonitrile	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{10}H_{10}N_2O_5$	γ-1,3-Dinitro-1,2,3,4-Tetrahydro-β-naphthol	600-4000	S	Spec, H bond, Assign	Pickering	JACS	80 (1958)	680
$C_{10}H_{10}N_4O_4$	Crotonaldehyde-2,4-dinitrophenyl-hydrazone	6-15μ	S	Spect, Table	Ross	AC	25 (1953)	1288
		-	-	Ident	Flynn	JACS	76 (1954)	3121
		2-15μ	S	Band spec, Ident	Jones	AC	28 (1956)	191
$C_{10}H_{10}N_4O_4S_2$	Di-(2,4-dihydroxy-6-methylpyrimidin-5-yl) disulfide	1590-1730	S	Ident, I	Barker	JCS	- (1954)	4206
$C_{10}H_{10}N_4O_6$	α-Ketobutyric acid-2,4-dinitrophenyl-hydrazone	1400-1800	-	Ident	Drew	JACS	74 (1952)	1852
$C_{10}H_{10}N_4O_6$	Pyruvic acid-N-methyl-2,4-dinitrophenyl-hydrazone	900-1220	S	Freq, H bond	Bergmann	JCS	- (1956)	1519
$C_{10}H_{10}O$	2-Acetyl-1-phenyl-trans-ethylene	-	Sol	Group freq, Spec	Potts	SA	15 (1959)	679
$C_{10}H_{10}O$	1,2-Benzocyclohex-1-en-3-one	-	L	Freq	Schubert	JACS	77 (1955)	4172
		1687	-	Freq	Stevens	JACS	77 (1955)	4590
		-	-	Freq	Farmer	JCS	- (1956)	3600
$C_{10}H_{10}O$	Cyclooctatetraenyl methyl ketone	2-16μ	L	Spect, Ident	Cope	JACS	75 (1953)	3220
$C_{10}H_{10}O$	Cyclopropyl phenyl ketone	-	Sol	Band freq, Ident, I	Puhl	JACS	75 (1953)	5023
		1600-1800	Sol	Bond freq	Fuson	JACS	76 (1954)	2526
		1-2.7μ	Sol	Group study	Washburn	JACS	80 (1958)	504

$C_{10}H_{10}O$	4-Indancarboxaldehyde	-	Sol	Freq	Hunsberger	JACS	77 (1955) 2466
$C_{10}H_{10}O$	5-Indancarboxaldehyde	-	Sol	Freq	Hunsberger	JACS	77 (1955) 2466
$C_{10}H_{10}O$	3-Phenylcyclobutanone	-	-	Freq	Roberts	JACS	75 (1953) 4765
$C_{10}H_{10}O$	Phenyl propenyl ketone	1600-1800	Sol	Freq	Fuson	JACS	76 (1954) 2526
$C_{10}H_{10}O_2$	1-Allyl-3,4-methylene-dioxybenzene	- 700-3000	- L,Sol	Spect Group freq	Morris Briggs	PR AC	38 (1931) 141 29 (1957) 904
$C_{10}H_{10}O_2$	trans-1,2-Dihydroxy-dihydronaphthalene	3μ	Sol	Band freq	Kuhn	JACS	74 (1952) 2492
$C_{10}H_{10}O_2$	5-Hydroxy-4-indan-carboxaldehyde	-	Sol	Freq	Hunsberger	JACS	77 (1955) 2466
$C_{10}H_{10}O_2$	6-Hydroxy-5-indan-carboxaldehyde	-	Sol	Freq	Hunsberger	JACS	77 (1955) 2466
$C_{10}H_{10}O_2$	7-Hydroxy-4-methyl-indanone	-	Sol	H bond, Chelation effect	Farmer	JCS	- (1956) 3600
$C_{10}H_{10}O_2$	8-Hydroxy-1-tetralone	-	Sol	Freq	Hochstein	JACS	75 (1953) 5455
$C_{10}H_{10}O_2$	Isopropenyl benzoate	-	Sol	Bond freq, Group freq	Davison	JCS	- (1953) 2607
$C_{10}H_{10}O_2$	cis-Isoafrole	-	Sol	Spec	Briner	HCA	41 (1958) 1390
$C_{10}H_{10}O_2$	trans-Isoafrole	-	Sol	Spec	Briner	HCA	41 (1958) 1390
$C_{10}H_{10}O_2$	Isosafrole	700-3000	L,Sol	Group freq	Briggs	AC	29 (1957) 904
$C_{10}H_{10}O_2$	Methyl trans-cinnamate	$2\text{-}15\mu$	L	Assign	Walton	JACS	79 (1957) 3985
$C_{10}H_{10}O_2$	Methyl cinnamate	700-1700 600-4000	S Sol	Spec Group freq, Substitution	Mann Katritzky	PRS JCS	192 (1948) 489 - (1958) 4155

		-	Sol	Assign	Katritzky	JCS	-	(1958)	2182
		-	Sol	Freq, I, Group study	Thompson	SA	13	(1958)	236
$C_{10}H_{10}O_2$	Methyl cycloocta-tetraenecarboxylate	2-16 μ	Sol	Spect	Cope	JACS	74	(1952)	173
		2-16 μ	L	Spect, Ident	Cope	JACS	74	(1953)	3220
$C_{10}H_{10}O_2$	2-Methyl-3-hydroxy-indone	-	-	Spec	Bergmann	BSCF	-	(1959)	634
$C_{10}H_{10}O_2$	1-Phenyl-3-butane-dione	-	Sol	Freq	Bellamy	JCS	-	(1954)	4487
		2-15 μ	-	Group study	Bratoz	TFS	52	(1956)	464
$C_{10}H_{10}O_2S_2$	Benzylcarboxymethyl-dithioacetate	400-4000	S	Freq	Bak	ACS	12	(1958)	1451
$C_{10}H_{10}O_2S_2$	o-Tolylcarboxy-methyl dithioacetate	400-4000	S	Spec, Freq	Bak	ACS	12	(1958)	1451
$C_{10}H_{10}O_2S_2$	p-Tolylcarboxy-methyl dithio-acetate	400-4000	S	Spec, Freq	Bak	ACS	12	(1958)	1451
$C_{10}H_{10}O_3$	o-Acetoxyaceto-phenone	1550-4000	S	Freq	Hergert	JACS	75	(1953)	1622
		-	-	Freq	Snyder	JACS	76	(1954)	4601
$C_{10}H_{10}O_3$	p-Acetoxyaceto-phenone	5-7 μ	S	Substitution effect	Soloway	JACS	73	(1951)	5000
		1550-4000	S	Freq	Hergert	JACS	75	(1953)	1622
		1600-1800	Sol	Freq	Fuson	JACS	76	(1954)	2526
		-	Sol	Freq	Freeman	JACS	82	(1960)	2454
$C_{10}H_{10}O_3$	m-Acetoxyaceto-phenone	-	Sol	Freq	Freeman	JACS	82	(1960)	2454
$C_{10}H_{10}O_3$	β-Benzoylpropionic acid	-	-	Band freq	Smith	JACS	73	(1951)	5273
$C_{10}H_{10}O_3$	Coniferaldehyde	6-10.3 μ	Sol	Table, Band freq, H bond	Black	JACS	75	(1953)	5344

$C_{10}H_{10}O_3$	4,7-Dihydroxy-3-methylindanone	-	Sol	H bond, Chelation effect	Farmer	JCS	-	(1956) 3600
$C_{10}H_{10}O_3$	5,8-Dihydroxy-tetralone	- -	S,Sol Sol	Bond freq, H bond Chelation effect	Thompson Farmer	JCS JCS	- -	(1952) 1822 (1956) 3600
$C_{10}H_{10}O_3$	7-Hydroxy-4,6-dimethylphthalide	-	S,Sol	Group freq, H bond	Duncanson	JCS	-	(1953) 1331
$C_{10}H_{10}O_3$	4-Hydroxy-3-methoxy-cinnamaldehyde	- 600-4000	Sol -	Freq Spec, Freq	Smith Herzert	JCS JOC	- 25	(1955) 2347 (1960) 405
$C_{10}H_{10}O_3$	p-Methoxycinnamic acid	-	Sol	Freq	Goulden	SA	6	(1954) 129
$C_{10}H_{10}O_3$	5-Methoxy-6-methyl-phthalide	-	Sol	Freq	Duncanson	JCS	-	(1953) 3637
$C_{10}H_{10}O_3$	6-Methoxy-5-methyl-phthalide	-	Sol	Freq	Duncanson	JCS	-	(1953) 3637
$C_{10}H_{10}O_3$	7-Methoxy-3-methyl-phthalide	2-16 μ -	Sol -	Freq, Spec Ident	Hochstein Kashner	JACS JACS	74 74	(1952) 3905 (1952) 3710
$C_{10}H_{10}O_3$	7-Methoxy-6-methyl-phthalide	-	Sol	Freq	Duncanson	JCS	-	(1953) 3637
$C_{10}H_{10}O_3S_2$	o-Methoxyphenyl-carboxymethyl dithioacetate	400-4000	S	Spec, Freq	Bak	ACS	12	(1958) 1451
$C_{10}H_{10}O_3S_2$	p-Methoxyphenyl-carboxymethyl dithioacetate	400-4000	S	Spec, Freq	Bak	ACS	12	(1958) 1451
$C_{10}H_{10}O_4$	m-Acetoxyphenyl acetate	-	Sol	Freq	Freeman	JACS	82	(1960) 2454

$C_{10}H_{10}O_4$	p-Acetoxyphenyl acetate	-	Sol	Freq	Freeman	JACS	82	(1960) 2454
$C_{10}H_{10}O_4$	Deca-2,8-diyne-dioic acid	-	-	Band freq	Jones	JCS	-	(1954) 3212
		-	S	Group freq, I	Allan	JCS	-	(1955) 1874
$C_{10}H_{10}O_4$	Deca-3,7-diyne-dioic acid	-	-	Band freq	Jones	JCS	-	(1954) 3212
$C_{10}H_{10}O_4$	Decatetraenedioic acid	-	S	Group freq	Schenck	JACS	75	(1953) 2274
$C_{10}H_{10}O_4$	4,6-Dimethoxy-coumaranone	-	Sol	Spec	Duncanson	JCS	-	(1957) 3555
$C_{10}H_{10}O_4$	5,6-Dimethoxy-phthalide	1550-1850	Sol	Freq	Jones	CJC	37	(1959) 2007
$C_{10}H_{10}O_4$	Dimethyl cis-2, trans-4-octadien-6-yne-1,8-dioate	-	Sol	Group freq, I	Allan	JCS	-	(1955) 1874
$C_{10}H_{10}O_4$	Dimethyl trans-2, trans-4-octadien-6-yne-1,8-dioate	-	Sol	Group freq, I	Allan	JCS	-	(1955) 1874
$C_{10}H_{10}O_4$	Dimethyl 2,6-octa-diyne-1,8-dioate	-	Sol	Group freq, I	Allan	JCS	-	(1955) 1874
$C_{10}H_{10}O_4$	Dimethyl phthalate	1050-1800	-	Spec, Absorp freq	Barnes	IEC	15	(1943) 659
		2-15μ	L	Band freq, I, Spec	Kendall	APS	7	(1953) 179
		2-15μ	Sol	Spec, Anal, Group freq	Pristera	AC	25	(1953) 844
		800-1600	-	Ext coefficient, I	Katritzky	JCS	-	(1959) 3670
		800-1500	Sol	Group study, Assign	Katritzky	SA	16	(1960) 954
		-	-	Band charact, Assign	Katritzky	SA	16	(1960) 964
$C_{10}H_{10}O_4$	Dimethyl isophthalate	700-1700	Sol	Substitution effect	Katritzky	JCS	-	(1959) 2058
		800-1500	Sol	Band charact, Assign	Katritzky	SA	16	(1960) 954

		-	-	Band freq, Assign	Katritzky	SA	16 (1960)	964
$C_{10}H_{10}O_4$	Dimethyl terephthalate	5-15 μ	Sol	Spec	Miller	TFS	49 (1953)	433
		700-1700	Sol	Freq, Assign, I	Katritzky	JCS	- (1959)	2051
		800-1500	Sol	Band charact, Assign	Katritzky	SA	16 (1960)	954
		-	-	Band charact, Assign	Katritzky	SA	16 (1960)	964
$C_{10}H_{10}O_4$	Ethyl phenyl oxalate	1740-1800	L	Freq	Simon	JOC	23 (1958)	1078
$C_{10}H_{10}O_4$	3-Hydroxy-7-methoxy-3-methylphthalide	-	-	Ident	Kushner	JACS	74 (1952)	3710
		-	-	Group study	Boothe	JACS	75 (1953)	3261
$C_{10}H_{10}O_4$	m-Meconine	-	-	Freq	Highet	JACS	77 (1955)	4399
$C_{10}H_{10}O_4$	3-Methoxy-4-hydroxy-cinnamic acid	600-4000	-	Spect, Group freq	Herzert	JOC	25 (1960)	405
$C_{10}H_{10}O_4$	β-3,4-Methylenedioxy-phenylpropionic acid	700-3000	S	Group freq	Briggs	AC	29 (1957)	904
$C_{10}H_{10}O_4$	Methyl tropolone-5-carboxylate methyl ether	696-1724	S	Table	Johns	JCS	- (1955)	309
$C_{10}H_{10}O_4$	Vanillin acetate	600-4000	S	Spect, Group freq	Herzert	JOC	25 (1960)	405
$C_{10}H_{10}O_5$	2-Ethyl-4-hydroxy-isophthalic acid	-	S	Freq	Pasternack	JACS	34 (1952)	1928
$C_{10}H_{10}O_5$	Sorbic acid maleic anhydride adduct	2-8 μ	S	Spect, Freq	Craig	JACS	74 (1952)	2905
$C_{10}H_{10}O_5$	Vanillic acid acetate	600-4000	S	Spect, Group freq	Herzert	JOC	25 (1960)	405
$C_{10}H_{10}O_8$	Hex-3-yne-1,1,6,6-tetracarboxylic acid	-	S	Group study	Jones	JCS	- (1954)	3208

$C_{10}H_{10}S$	Benzyl propargyl sulfide	300-3800	S,Sol	Freq	Nyquist	SA	16 (1960)	419
$C_{10}H_{11}BrO_4$	6-Bromo-2-carbomethoxy-3-carboxy-5-hydroxy-1,4-methylenecyclohexane-3,5-lactone	-	-	Group freq	Berson	JACS	76 (1954)	4975
$C_{10}H_{11}BrO_4$	6-Bromopiperonal dimethyl acetal	700-2899	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{10}H_{11}Br_2NO_3$	7,9-Dibromo-10-methyl-1,3,8-triketoperhydroisoquinoline	-	-	Group study	Shafer	JACS	75 (1953)	5963
$C_{10}H_{11}Br_2NO_3S$	4-Carbomethoxy-5,5-dimethyl-2-thiazolidine-α,β-dibromoacrylic acid,γ-lactam	2.5-12μ	Sol	Spec, Band freq	Wasserman	JACS	74 (1952)	4093
$C_{10}H_{11}ClN_2O$	N-(2-Cyano-2-propyl)-N-m-chlorophenylhydroxylamine	-	-	Group freq, I	Gingras	JCS	- (1954)	1920
$C_{10}H_{11}ClN_2O$	N-(2-Cyano-2-propyl)-N-p-chlorophenylhydroxylamine	-	-	Group freq, I	Gingras	JCS	- (1954)	1920
$C_{10}H_{11}Cl_2NO_3S$	4-Carbomethoxy-5,5-dimethyl-2-thiazolidine-α-β-dichloroacrylic acid,γ-lactam	2.5-12μ	Sol	Spec, Band freq	Wasserman	JACS	74 (1952)	4093
$C_{10}H_{11}Cl_3N_2O$	N-p-Methoxyphenyltrichloroacetamidine	1000-3500	S,Sol	Assign, Struct, H bond	Grivas	CJC	37 (1959)	795

$C_{10}H_{11}IO_4$	Iodosobenzene diacetate	665-1755	S,Sol	Assign, I	Bell	JCS	-	(1960) 1209
$C_{10}H_{11}N$	1-Cyano-3-phenyl-propane	2200-2300	Sol	Freq, Struct	Jesson	SA	13	(1958) 217
$C_{10}H_{11}N$	1,3-Dimethylindole	650-3900	L	Spec	Snyder	JACS	70	(1948) 1857
$C_{10}H_{11}N$	2-Phenylpyrroline	6-18 μ	Sol	Substitution effect	Meyers	JOC	24	(1959) 1233
$C_{10}H_{11}N$	2,4,6-Trimethyl-benzonitrile	700-2900	S,Sol	Spec, Freq	Speroni	JCP	26	(1957) 1777
$C_{10}H_{11}NO$	1-Cyano-3-phenoxy-propane	2200-2300	Sol	Freq, Struct	Jesson	SA	13	(1958) 217
$C_{10}H_{11}NO$	1,3-Dimethyloxindole	2-11 μ	Sol	Spec	Wenkert	JACS	75	(1953) 5514
$C_{10}H_{11}NO$	1-Phenyl-3-amino-2-butene-1-one	650-4000	L,S	Spec	Holtzolaw	JACS	80	(1958) 1100
$C_{10}H_{11}NO$	1,2,3,4-Tetrahydro-1-methyl-4-oxoquinoline(I)	-	S	Group study	Braunholtz	JCS	-	(1958) 2780
$C_{10}H_{11}NO$	2,4,6-Trimethyl-benzonitrile oxide	700-2900	S,Sol	Spec, Freq	Speroni	JCP	26	(1957) 1777
$C_{10}H_{11}NO_2$	p-Acetamidoaceto-phenone	5-7 μ	S	Substitution, Band freq	Soloway	JACS	73	(1951) 5000
		1600-1800	Sol	Freq	Fuson	JACS	76	(1954) 2526
		-	Sol	Resonance, Freq	Freeman	JACS	82	(1960) 2454
$C_{10}H_{11}NO_2$	N-Acetoxymethoxy phenylmethyl-imine	-	S	Freq	Freeman	JACS	80	(1958) 5954
$C_{10}H_{11}NO_2$	m-Acetylacetanilide	-	Sol	Resonance, Freq	Freeman	JACS	82	(1960) 2454
$C_{10}H_{11}NO_2$	β-Benzoylpropion-amide	700-4000	S,Sol	Assign, Struct, Taut	Cromwell	JACS	80	(1958) 4573

$C_{10}H_{11}NO_2$	N,N-Diacetylaniline	6μ	L	Band study	Abramovitch	JCS	-	(1957) 1413
$C_{10}H_{11}NO_2$	5,6-Dimethoxyindole	-	-	Ident	Neuss	JACS	75	(1953) 4870
$C_{10}H_{11}NO_2$	Ethyl β-(2-pyridyl) acrylate	-	Sol	Assign, Band charact	Katritzky	JCS	-	(1958) 2182
$C_{10}H_{11}NO_2$	Ethyl β-(3-pyridyl) acrylate	-	Sol	Assign, Band charact	Katritzky	JCS	-	(1958) 2182
$C_{10}H_{11}NO_2$	Ethyl β-(4-pyridyl) acrylate	-	Sol	Assign, Band charact	Katritzky	JCS	-	(1958) 2182
$C_{10}H_{11}NO_2$	4-Methyl-5-phenyl-2-oxazolidone	-	-	Group freq, Iso, Ident	Zimmerman	JACS	76	(1954) 2291
$C_{10}H_{11}NO_2$	Norhydrohydrastinine	-	S	Band freq	Wildman	JACS	77	(1955) 1248
$C_{10}H_{11}NO_2$	1,2,3,4-Tetrahydro-7-methoxy-4-oxoquinoline	600-1700	S	Spec, Struct	Braunholtz	JCS	-	(1957) 4166
$C_{10}H_{11}NO_2S$	β-Phenylsulfonyl-α-methylpropionitrile	-	-	Spect	Ross	JACS	73	(1951) 540
$C_{10}H_{11}NO_3$	m-Acetoxyacetanilide	-	Sol	Resonance freq	Freeman	JACS	82	(1960) 2454
$C_{10}H_{11}NO_3$	p-Acetoxyacetanilide	-	Sol	Resonance freq	Freeman	JACS	82	(1960) 2454
$C_{10}H_{11}NO_3$	N-Acetoxyphenylacetamide	-	Sol,S	Freq	Freeman	JACS	80	(1958) 5954
$C_{10}H_{11}NO_3$	N-Acetoxyacetanilide	-	-	Group study, Freq	Freeman	JACS	80	(1958) 5954
$C_{10}H_{11}NO_3$	5,6-Dimethoxyoxindole	-	Sol	Freq	Walker	JACS	77	(1955) 3844

$C_{10}H_{11}NO_3$	Ethyl β-(2-pyridyl-N-oxide) acrylate	-	Sol	Assign, Band character	Katritzky	JCS	-	(1958)	2182
$C_{10}H_{11}NO_3$	Ethyl β-(3-pyridyl-N-oxide) acrylate	-	Sol	Assign, Band character	Katritzky	JCS	-	(1958)	2182
		800-3000	Sol	Spec, Freq, I	Katritzky	JCS	-	(1959)	3680
$C_{10}H_{11}NO_3$	Ethyl β-(4-pyridyl-N-oxide) acrylate	-	Sol	Assign, Band study	Katritzky	JCS	-	(1958)	2182
		600-3000	Sol	Substitution effect, I	Katritzky	JCS	-	(1958)	2192
$C_{10}H_{11}NO_3$	Methyl N-acetyl-anthranilate	-	Sol	Group freq	Cookson	JCS	-	(1954)	4028
$C_{10}H_{11}NO_3$	Methyl malonanilate	700-3400	Sol	Spec	Snyder	JACS	74	(1952)	4910
$C_{10}H_{11}NO_3$	ar-3-Nitro-2-tetralol	600-4000	S	H bond, Spec, Assign	Pickering	JACS	80	(1958)	680
$C_{10}H_{11}NO_3S$	Carbothiophenyl-β-alanine	-	S	Freq	Asai	JPC	59	(1955)	322
$C_{10}H_{11}NO_3S$	Carbothiophenyl-DL-alanine	-	S	Freq	Asai	JPC	59	(1955)	322
$C_{10}H_{11}NO_4$	Carbobenzoxyglycine	1350-1550	S	Spec, Group study	Watson	SA	16	(1960)	1322
$C_{10}H_{11}NO_4$	2,6-Diacetoxy-4-methylpyridine	730-1770	L	Table, Band freq	Ames	JCS	-	(1953)	3008
$C_{10}H_{11}NO_4$	Ethyl α-nitrophenyl-acetate	-	-	Freq	Emmons	JACS	77	(1955)	4391
$C_{10}H_{11}NO_4$	β-Hydroxy-γ-nitro-butyrophenone	-	S	Group freq, Band freq	Leonard	JOC	17	(1952)	1262
$C_{10}H_{11}NO_6$	2-Nitro-4,5-dimethoxy-phenylacetic acid	-	S	Freq	Walker	JACS	77	(1955)	3844
$C_{10}H_{11}NS$	β-Phenylmercapto-α-methylpropionitrile	-	-	Spec	Ross	JACS	73	(1951)	540

$C_{10}H_{11}N_3O$	Cinnamaldehyde semicarbazone	700-3500	S	Ident, Assign	Davison	JCS	-	(1955) 3389
$C_{10}H_{11}N_3O_2$	DL-α-Amino-β-(3-indazolyl)propionic acid	-	-	Freq, Ident	Snyder	JACS	76	(1954) 1298
$C_{10}H_{11}N_3O_3 \cdot HCl$	5-Aminooxymethyl-3-phenylhydantoin hydrochloride	-	-	Struct	Hidy	JACS	77	(1955) 2345
$C_{10}H_{11}N_3O_6$	5,5-Dinitro-2-phenoxy-3-aza-4-oxa-2-hexene	-	Sol	Group freq, I	Belew	JACS	77	(1955) 1110
$C_{10}H_{11}N_3O_7$	DNP-DL-Threonine	625-5000	S	Spec, Ident	Friedberg	CJC	37	(1959) 1469
$C_{10}H_{11}N_5O$	5-β-Benzamidoethyltetrazole	-	-	Ident	Ainsworth	JACS	75	(1953) 5728
$C_{10}H_{11}N_5O_4$	5',N^4-Cyclo-3-(2',3'-Carboxyl-3'-amino-3'-deoxy-β-D-ribofuranosyl)-4-aminoimidazole-5-carboxamide	-	S	Group freq	Baker	JACS	77	(1955) 15
$C_{10}H_{11}O_4B$	Phenyldiacetoxyborane	1500-1800	S	Assign, Group freq	Duncanson	JCS	-	(1958) 3652
$C_{10}H_{12}$	all-trans-Decapentaene	2-16μ	Sol	Spec, Group freq	Mobane	JACS	74	(1952) 5227
$C_{10}H_{12}$	Dicyclopentadiene	1-30μ	G	Spect	Kettering	P	4	(1933) 39
$C_{10}H_{12}$	1,2-Dimethylcyclooctatetraene	2-16μ	-	Spec	Cope	JACS	74	(1952) 179
$C_{10}H_{12}$	2,3-Dimethylstyrene	750-1950	-	Spec, Absorption freq	Barnes	IEC	15	(1943) 659

$C_{10}H_{12}$	2,4-Dimethylstyrene	750-1950	-	Spec, Absorption freq	Barnes	IEC	15 (1943) 659
$C_{10}H_{12}$	2,6-Dimethylstyrene	-	L,Sol	Group freq, Band freq	Schwartzman	JACS	76 (1954) 781
		-	Sol	Group freq, Spec	Potts	SA	15 (1959) 679
$C_{10}H_{12}$	Ethylcyclooctatetraene	2-16μ	L	Spec	Cope	JACS	74 (1952) 175
$C_{10}H_{12}$	1-Methyl-2,3-dihydroindene	-	Sol	Anal, Calibration	Williams	AC	24 (1952) 1911
		2-16μ	L	Spec	Entel	AC	25 (1953) 1303
$C_{10}H_{12}$	2-Methyl-2,3-dihydroindene	-	Sol	Anal, Calibration	Williams	AC	24 (1952) 1911
		2-16μ	L	Spec	Entel	AC	25 (1953) 1303
$C_{10}H_{12}$	4-Methyl-2,3-dihydroindene	-	Sol	Anal, Calibration	Williams	AC	24 (1952) 1911
		2-16μ	L	Spec	Entel	AC	25 (1953) 1303
$C_{10}H_{12}$	5-Methyl-2,3-dihydroindene	-	Sol	Anal, Calibration	Williams	AC	24 (1952) 1911
		2-16μ	L	Spec	Entel	AC	25 (1952) 1303
$C_{10}H_{12}$	1-Methyl-2-isopropenylbenzene	3-14.3μ	L	Spec	Murray	JACS	70 (1948) 3867
$C_{10}H_{12}$	1-Methyl-4-isopropenylbenzene	800-1950	-	Anal, Absorption freq	Barnes	IEC	15 (1943) 659
		3-14.3μ	L	Spec	Murray	JACS	70 (1948) 3867
$C_{10}H_{12}$	1-Methyl-1-phenylcyclopropane	3-14μ	L	Spec	Bridson	JCS	- (1951) 2999
		-	Sol	Ext coefficient	Cross	TFS	47 (1951) 354
$C_{10}H_{12}$	1-Phenyl-2-butene	3-15μ	L,Sol	Spec, Band freq	Proell	JOC	16 (1951) 178
$C_{10}H_{12}$	2-Phenyl-1-butene	2-15μ	L	Spec, Anal	Cram	JACS	74 (1952) 2137
$C_{10}H_{12}$	cis-2-Phenyl-2-butene	2-15μ	L	Spec, Anal	Cram	JACS	74 (1952) 2137
		-	-	Freq	Cram	JACS	76 (1954) 5740
$C_{10}H_{12}$	trans-2-Phenyl-2-butene	2-15μ	L	Spec, Anal	Cram	JACS	74 (1952) 2137
		-	-	Freq	Cram	JACS	76 (1954) 5740

$C_{10}H_{12}$	3-Phenyl-1-butene	2-15 μ	L	Spec, Anal	Cram	JACS	74	(1952) 2137
		-	-	Freq	Cram	JACS	76	(1954) 5740
$C_{10}H_{12}$	Phenylcyclobutane	-	-	Ident	Roberts	JACS	75	(1953) 4765
$C_{10}H_{12}$	1,2,3,4-Tetrahydro-naphthalene	3.2-3.5 μ	Sol	Band freq	Wall	JACS	62	(1940) 2225
		8000-9000	Sol	Group study	Hibbard	AC	21	(1949) 486
		2-15 μ	L	Spec, Struc anal	Shreve	AC	23	(1951) 282
		-	Sol	Anal	Williams	AC	24	(1952) 1911
$C_{10}H_{12}Br_2O$	Umbellulone dibromide	2.5-12 μ	Sol	Spec, Struct	Eastman	JACS	75	(1953) 1029
$C_{10}H_{12}Br_2O_4$	exo-cis-4,5-Dibromo-endo-cis-3,6-endo-methylenehexahydro-phthalic acid-2-methyl ester	-	S	Spec	Berson	JACS	76	(1954) 4069
$C_{10}H_{12}Br_2O_5$	exo-trans-4,5-Dibromo-3,6-endoxotetra-hydrophthalic acid dimethyl ester	-	Sol	Spec	Berson	JACS	76	(1954) 4060
$C_{10}H_{12}Br_2O_5$	1-Dimethyl exo-trans-4,5-dibromo-cis-3,6-endoxotetra-hydro-1,2-phthalate	-	-	Spec, Ident	Berson	JACS	75	(1953) 4366
$C_{10}H_{12}Cl_2N_2O_2$	2,5-Dichloro-3,6-bis-dimethylamino-p-benzoquinone	2200-8000	Sol	Absorption freq	Buckley	JCS	-	(1957) 4891
$C_{10}H_{12}F_8O_3$	1,1,6,6-Tetrahydro-1,6-perfluorohexanediol mono-n-butyrate	-	.	Ident	Filler	JACS	75	(1953) 2693
$C_{10}H_{12}N_2$	Tryptamine	-	-	Ident	Noland	JACS	76	(1954) 3227

$C_{10}H_{12}N_2 \cdot HCl$	Indoleethylamine hydrochloride	2-8 μ	S	Spec	Nakanishi	BCSJ	30	(1957)	403
$C_{10}H_{12}N_2O$	N-(2-Cyano-2-propyl)-N-phenylhydroxylamine	-	-	Group freq, Band freq, I	Gingras	JCS	-	(1954)	1920
$C_{10}H_{12}N_2O$	2-Oxopropionaldehyde-N-methylphenylhydrazone	650-4000	S,Sol	Freq, H bond	Tanner	SA	15	(1959)	20
$C_{10}H_{12}N_2O$	m-Acetylaminoacetanilide	-	Sol	Resonance freq	Freeman	JACS	82	(1960)	2454
$C_{10}H_{12}N_2O_2$	p-Acetylaminoacetanilide	-	Sol	Resonance freq	Freeman	JACS	82	(1960)	2454
$C_{10}H_{12}N_2O_2$	Acetylglycine anilide	2.7-3.2 μ	Sol	Group freq	Mizushima	JACS	73	(1951)	1330
$C_{10}H_{12}N_2O_2$	2-Amino-4,5-dimethoxyphenylacetonitrile	-	Sol	Freq	Walker	JACS	77	(1955)	3844
$C_{10}H_{12}N_2O_2$	Ethyl glyoxylate phenylhydrazone	700-3400	Sol	Spec	Snyder	JACS	74	(1952)	4910
$C_{10}H_{12}N_2O_2$	2-Imino-N-[O-aminobenzoyloxy] propane	-	S,Sol	Freq	Freeman	JACS	80	(1958)	5954
$C_{10}H_{12}N_2O_2$	Pyruvic acid-N-methylphenylhydrazone	650-4000	S,Sol	Freq, H bond	Tanner	SA	15	(1959)	20
$C_{10}H_{12}N_2O_3$	Dial	2-16 μ	Sol	Spec, Freq	Umberger	AC	24	(1952)	1309
		2.5-16 μ	S	Spec	Levi	AC	28	(1956)	1591
		-	-	Ident	Cleverley	ANA	85	(1960)	582
$C_{10}H_{12}N_2O_3$	2-Carbethoxyvinyl aminopyridine-N-oxide	800-3000	Sol	I, Band study	Katritzky	JCS	-	(1958)	2195

$C_{10}H_{12}N_2O_3$	Kynurenine	-	S	Band freq	Warnell	JACS	76	(1954) 1708
$C_{10}H_{12}N_2O_3$	Dl-2-Phenyl-diglycolamide	8-15μ	S	Spec	Bonner	JACS	73	(1951) 4290
$C_{10}H_{12}N_2O_3 \cdot H_2SO_4 \cdot H_2O$	Kynurenine sulfate monohydrate	-	S	Band freq	Warnell	JACS	76	(1954) 1708
$C_{10}H_{12}N_2O_4$	$O^2,3'$-Cyclothymidine	-	-	Ident	Michelson	JCS	-	(1955) 816
$C_{10}H_{12}N_2O_4$	$O^2,5'$-Cyclothymidine	-	-	Ident	Michelson	JCS	-	(1955) 816
$C_{10}H_{12}N_2O_4$	Diethyl 1,2-dicyano-ethane-1,2-dicarboxy-late	4.5-6μ	Sol	Struc, Freq	Felton	JCS	-	(1955) 2170
$C_{10}H_{12}N_2O_4$	2,4-Dinitro-1-t-butylbenzene	6-8μ	Sol	Freq, I	Conduit	JCS	-	(1959) 3273
$C_{10}H_{12}N_2O_4$	4-Nitro-2-acetamido-5-methoxytoluene	-	-	Ident	Mac Millan	JCS	-	(1952) 4019
$C_{10}H_{12}N_2O_5$	2-t-Butyl-4,6-dinitrophenol	1050-1700	-	Spec	Barnes	IEC	15	(1943) 659
$C_{10}H_{12}N_2O_5$	4-t-Butyl-2,6-dinitrophenol	1100-1800	-	Spec	Barnes	IEC	15	(1943) 659
$C_{10}H_{12}N_4O$	6,7-Diethyl-4-hydroxy-pteridine	1400-3650	Sol	Spec, Assign	Mason	JCS	-	(1957) 4874
$C_{10}H_{12}N_4O_2$	7-Allyltheophylline	-	-	Spec	Zelnik	BSCF	-	(1960) 1917
$C_{10}H_{12}N_4O_2$	6,7-Diethyl-2,4-dihydroxypteridine	1400-3650	Sol	Spec, Assign	Mason	JCS	-	(1957) 4874
$C_{10}H_{12}N_4O_2$	7-Propenyltheo-phylline	-	-	Spec	Zelnik	BSCF	-	(1960) 1917

$C_{10}H_{12}N_4O_4$	Butyraldehyde-2,4-dinitrophenyl-hydrazone	6-15μ	S	Spec, Table	Ross	AC	25 (1953) 1288
		2-15μ	S	Spec, Ident	Jones	AC	28 (1956) 191
$C_{10}H_{12}N_4O_4$	Isobutyraldehyde-2,4-dinitrophenyl-hydrazone	2-15μ	S	Spec, Ident	Jones	AC	28 (1956) 191
$C_{10}H_{12}N_4O_4$	Methyl ethyl ketone-2,4-dinitrophenyl-hydrazone	-	-	Ident	Grundon	JACS	75 (1953) 2541
		6-15μ	S,Sol	Spec	Ross	AC	25 (1953) 1288
		-	-	Ident	Weinstock	JACS	75 (1953) 2546
		2-15μ	S	Spec, Ident	Jones	AC	28 (1956) 191
$C_{10}H_{12}N_4O_5$	Acetaldol-2,4-dinitrophenylhydrazone	6-15μ	S	Spec, Table	Ross	AC	25 (1953) 1288
$C_{10}H_{12}N_4O_5$	Inosine	-	Sol	Spec, Taut	Miles	BBA	35 (1959) 274
$C_{10}H_{12}O$	2-Allyl-4-methyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{12}O$	2-Allyl-5-methyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{12}O$	2-Allyl-6-methyl-phenol	650-1400	Sol	Spec, Group study	Baker	JACS	81 (1959) 4524
$C_{10}H_{12}O$	4-Allyl-2-methyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{12}O$	4-Allyl-3-methyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{12}O$	6-Allyl-2-methyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{12}O$	2,3-(1',4'-Butadienyl) cyclohexanone	5-7μ	Sol	Spec, Taut	Campbell	JACS	82 (1960) 5426

$C_{10}H_{12}O$	3,4-(1',4'-Butadienyl) cyclohexanone	5-7μ	Sol	Spec, Taut	Campbell	JACS	82	(1960) 5426
$C_{10}H_{12}O$	β-Cyclooctatetraenyl-ethyl alcohol	2-16μ	L	Spec, Group freq, Assign	Cope	JACS	75	(1953) 3215
$C_{10}H_{12}O$	Cyclooctatetraenyl-methylcarbinol	2-16μ	L	Spec	Cope	JACS	75	(1953) 3220
$C_{10}H_{12}O$	2,4,6,8-Decatetraenal	1400-2000	Sol	Spec	Blout	JACS	70	(1948) 194
$C_{10}H_{12}O$	2,3-Dimethylaceto-phenone	-	Sol	Freq	Hunsberger	JACS	77	(1955) 2466
$C_{10}H_{12}O$	2,4-Dimethylaceto-phenone	-	-	Bond freq	Fuson	JOC	18	(1953) 496
		-	L	Bond freq	Schubert	JACS	77	(1955) 4172
		-	Sol	Freq, I, Substitution effect	Thompson	SA	9	(1957) 208
$C_{10}H_{12}O$	2,6-Dimethylaceto-phenone	-	-	Bond freq	Fuson	JOC	18	(1953) 496
		-	L,S, Sol	Group freq	Schwartzman	JACS	76	(1954) 781
		-	L	Group freq	Schubert	JACS	77	(1955) 4172
$C_{10}H_{12}O$	3,4-Dimethylaceto-phenone	-	Sol	Freq, I, Substitution	Hunsberger	JACS	77	(1955) 2466
		-	L	Group freq	Schubert	JACS	77	(1955) 4172
		-	Sol	Freq, I, Substitution	Thompson	SA	9	(1957) 208
$C_{10}H_{12}O$	4,5(or 7)-Dimethyl-phthalan	2-16μ	L	Spec, Ident	Entel	JACS	76	(1954) 3646
$C_{10}H_{12}O$	4,7(or 5)-Dimethyl-phthalan	2-16μ	L	Spec, Ident	Entel	JACS	76	(1954) 3646
$C_{10}H_{12}O$	Ethoxycyclooctatetraene	2-16μ	Sol	Spec	Cope	JACS	76	(1954) 1096

$C_{10}H_{12}O$	Isobutyrophenone	-	-	Absorption coefficient	Bonino	TFS	25 (1929)	876
$C_{10}H_{12}O$	4-Isopropylbenzal-dehyde	800-1950	-	Spec, Absorption freq	Barnes	IEC	15 (1943)	659
		-	Sol	Substitution, Freq, I	Thompson	SA	9 (1957)	208
$C_{10}H_{12}O$	2-(α-Methallyl) phenol	2.7-3.0μ	Sol	H bond, Freq	Baker	JACS	80 (1958)	5358
		2.7-2.9μ	Sol	Group study, H bond	Baker	JACS	81 (1959)	4524
$C_{10}H_{12}O$	2-(β-Methallyl) phenol	2.7-2.95μ	Sol	Group study, H bond	Baker	JACS	81 (1959)	4524
$C_{10}H_{12}O$	2-(γ-Methallyl) phenol	2.7-3.0μ	Sol	H bond	Baker	JACS	80 (1958)	5358
		2.7-2.95μ	Sol	Group study, H bond	Baker	JACS	81 (1959)	4524
$C_{10}H_{12}O$	Methyl-cis-styryl-carbinol	650-3200	L,Sol	Spec, Freq	Philpotts	N	166 (1950)	1028
		670-1800	Sol	Spec, Group freq	Brande	JCS	- (1951)	2085
$C_{10}H_{12}O$	Methyl-trans-styryl-carbinol	650-3200	L,Sol	Spec, Freq	Philpotts	N	166 (1950)	1028
		670-1800	Sol	Spec, Group study	Brande	JCS	- (1951)	2085
$C_{10}H_{12}O$	Methyl p-xylyl ketone	1600-1800	Sol	Freq	Fuson	JACS	76 (1954)	2526
$C_{10}H_{12}O$	3-Phenyl-2-butanone	3.3-14.3μ	Sol	Band freq, Ident	Mislow	JACS	75 (1953)	2318
		-	-	Band freq	Mislow	JACS	77 (1955)	1590
$C_{10}H_{12}O$	1-Phenyl-cis-2-butenol-1	600-1800	Sol	Spec, Band freq	Brande	JCS	- (1951)	2078
$C_{10}H_{12}O$	1-Phenyl-trans-2-butenol-1	600-1800	Sol	Spec, Band freq	Brande	JCS	- (1951)	2078
$C_{10}H_{12}O$	Phenylpropenyl-carbinol (cis)	650-3200	L,Sol	Spec, Freq	Philpotts	N	166 (1950)	1028
$C_{10}H_{12}O$	Phenylpropenyl-carbinol (trans)	650-3200	L,Sol	Spec, Freq	Philpotts	N	166 (1950)	1028

$C_{10}H_{12}O$	n-Propyl phenyl ketone	-	-	Absorption coefficient	Bonino	TFS	25	(1929)	876
		1650-1800	Sol	Ext coefficient	Cross	TFS	47	(1951)	354
		-	Sol	Freq, I, Substitution effect	Thompson	SA	9	(1957)	208
$C_{10}H_{12}O$	1,2,3,4-Tetrahydro-6-hydroxynaphthalene	2.5-15μ	Sol	Spec, Freq	Friedel	JACS	73	(1951)	2881
$C_{10}H_{12}O$	1,2,3,4-Tetrahydro-5-hydroxynaphthalene	2.5-15μ	Sol	Spec, Band freq, I	Friedel	JACS	73	(1951)	2881
$C_{10}H_{12}O$	α-Tetralol	-	-	Anal, Freq	Russell	JACS	77	(1955)	4583
$C_{10}H_{12}O$	O-Tolyl ethyl ketone	-	-	Freq	Pickard	JACS	76	(1954)	5169
$C_{10}H_{12}O$	2,4,6-Trimethylbenzaldehyde	-	Sol	Freq	West	CIL	-	(1959)	333
$C_{10}H_{12}OS$	2-Ethynylcyclohex-3-ene-1-spiro-2'-(1',3'-oxathiolan)	-	S	Freq	Jaeger	JCS	-	(1955)	646
$C_{10}H_{12}OS$	2-Methyl-2-phenyl-1,3-oxathiolan	-	Sol	Band freq	Djerassi	JACS	75	(1953)	3704
		-	-	Group freq	Pinder	JCS	-	(1954)	113
$C_{10}H_{12}OS$	Benzylthiopropionate	2.5-16μ	Sol	Struct	Nyquist	SA	15	(1959)	514
$C_{10}H_{12}OS$	Phenylthio butyrate	2.5-16μ	Sol	Struct	Nyquist	SA	15	(1959)	514
$C_{10}H_{12}OS_2$	2-Ethoxybenzo-1,4-dithiane	-	-	Ident	Parham	JACS	75	(1953)	1647
$C_{10}H_{12}O_2$	2,5-Dioxo-4,7,7-trimethyl-bicyclo [4.1.0]hept-3-one	-	-	Band freq	Corey	JACS	76	(1954)	5257

$C_{10}H_{12}O_2$	Ethyl m-methyl benzoate	700-1700	Sol	Substitution effect, I	Katritzky	JCS	-	(1959)	2058
		800-1500	Sol	Band characteristics, Assign	Katritzky	SA	16	(1960)	954
		-	-	Band characteristics, Assign	Katritzky	SA	16	(1960)	964
$C_{10}H_{12}O_2$	Ethyl o-methylbenzoate	800-1600	-	Ext coefficient, I	Katritzky	JCS	-	(1959)	3670
		800-1500	Sol	Assign	Katritzky	SA	16	(1960)	954
$C_{10}H_{12}O_2$	Ethyl p-methylbenzoate	700-1700	Sol	Freq, Assign, Substitution	Katritzky	JCS	-	(1959)	2051
		800-1500	Sol	Band assign	Katritzky	SA	16	(1960)	954
		-	-	Band assign	Katritzky	SA	16	(1960)	964
		650-900	L,Sol	Group study	Yoshida	CPBT	8	(1960)	389
$C_{10}H_{12}O_2$	Ethyl α-phenylacetate	-	Sol	Band freq	Hampton	AC	21	(1949)	414
		-	Sol	Assign, Band freq	Katritzky	JCS	-	(1958)	2182
		600-4000	Sol	Group freq,	Katritzky	JCS	-	(1958)	4155
		-	Sol	Substitution, I	Gutjahr	SA	16	(1960)	1209
$C_{10}H_{12}O_2$	Guaiacylacetone	600-4000	L	Spec, Freq	Herzert	JOCS	25	(1960)	405
$C_{10}H_{12}O_2$	Hydracetylacetone	-	Sol	Freq, H bond	Flett	SA	10	(1958)	21
$C_{10}H_{12}O_2$	2-Hydroxy-4,5-dimethylaceto-phenone	-	Sol	Freq	Hunsberger	JACS	77	(1955)	2466
$C_{10}H_{12}O_2$	6-Hydroxy-2,3-dimethylaceto-phenone	-	Sol	Group freq	Hunsberger	JACS	77	(1955)	2466
$C_{10}H_{12}O_2$	Isopropyl benzoate	-	L	Band freq	Edwards	JCS	-	(1953)	3427
		800-1500	Sol	Band freq, Assign	Katritzky	SA	16	(1960)	954
		-	-	Band freq, Assign	Katritzky	SA	16	(1960)	964
$C_{10}H_{12}O_2$	Isoeugenol	6-11μ	-	Spec	Allen	JACS	71	(1949)	2683
		3-4μ	L,Sol	Stretch freq	Tallent	AC	28	(1956)	953
		2-15μ	Sol	Group freq	Briggs	AC	29	(1957)	904
		600-4000	-	Spec, Group freq	Herzert	JOC	25	(1960)	405

$C_{10}H_{12}O_2$	2-Isopropyl-5-methyl-p-benzoquinone	5-15 μ	S,Sol	Substitution effect	Yates	JACS	78	(1956)	650
$C_{10}H_{12}O_2$	α-Isopropyltropolone	600-3400	S,Sol	H bond, Spec	Kuratani	BCSJ	25	(1952)	250
		-	Sol	Band freq	Bryant	JOC	19	(1954)	1889
$C_{10}H_{12}O_2$	β-Isopropyltropolone	600-3400	S,L, Sol	H bond, Spec	Kuratani	BCSJ	25	(1952)	250
		2-16 μ	Sol	Spec	Doering	JACS	75	(1953)	297
		-	Sol	Band freq	Bryant	JOC	19	(1954)	1889
$C_{10}H_{12}O_2$	γ-Isopropyltropolone	1250-1800	Sol	Struct, Spec	Scott	JACS	72	(1950)	240
		600-3400	S,Sol	H bond, Spec	Kuratani	BCSJ	25	(1952)	250
		2-16 μ	Sol	Spec	Doering	JACS	75	(1953)	297
		-	Sol	Band freq	Bryant	JOC	19	(1954)	1889
$C_{10}H_{12}O_2$	Mesitoic acid	-	-	Ident	Fuson	JACS	77	(1955)	174
$C_{10}H_{12}O_2$	2-Methoxy-6-propenyl-phenol	2.7-3.0 μ	Sol	H bond	Baker	JACS	80	(1958)	5358
$C_{10}H_{12}O_2$	3-Methyl-bicyclo[2:2:1] hepta-2,5-diene-2-carboxylic acid methyl ester	680-1000	Sol	Struct	Jones	JCS	-	(1956)	4073
$C_{10}H_{12}O_2$	Methyl hemellitate	-	Sol	Freq	Runsberger	JACS	77	(1955)	2466
$C_{10}H_{12}O_2$	2-Methyl-5-isopropyl-p-benzoquinone	5-15 μ	Sol	Freq	Yates	JACS	78	(1956)	650
		-	Sol	Assign, Freq	Flaig	A	626	(1959)	215
$C_{10}H_{12}O_2$	Methyl α-phenyl-propionate	3.30-14.32 μ	Sol	Table, Band freq	Mislow	JACS	75	(1953)	2318
$C_{10}H_{12}O_2$	Methyl β-phenyl propionate	-	Sol	Assign, Band freq	Katritzky	JCS	-	(1958)	2182
		600-4000	Sol	Group freq, Substitution	Katritzky	JCS	-	(1958)	4155

$C_{10}H_{12}O_2$	Methyl 3,4-xylate	-	Sol	Freq	Hunsberger	JACS	77 (1955)	2466
$C_{10}H_{12}O_2$	Phenethyl acetate	-	Sol	Freq, Substitution effect	Potts	AC	27 (1955)	1027
		9.7 μ	L	Absorption	Fenton	AC	31 (1959)	622
$C_{10}H_{12}O_2$	Phenylbutyric acid	3-15 μ	S,L	Spec	Farmer	SA	8 (1957)	374
$C_{10}H_{12}O_2$	Phenylmethylcarbinyl acetate	3.28-14 μ	Sol	Table, Band freq, Ident	Mislow	JACS	75 (1953)	2318
		-	Sol	Freq, Substitution	Potts	AC	27 (1955)	1027
$C_{10}H_{12}O_2$	n-Propyl benzoate	-	L	Band freq	Edwards	JCS	- (1953)	3427
		800-1500	Sol	Band freq, Assign	Katritzky	SA	16 (1960)	954
		-	-	Band freq, Assign	Katritzky	SA	16 (1960)	964
		650-900	Sol,L	Group study	Yoshida	CPBT	8 (1960)	389
$C_{10}H_{12}O_2$	cis-Tetrahydro-naphthalene-1,2-diol	-	Sol	Band freq, Group study	Kuhn	JACS	74 (1952)	2492
$C_{10}H_{12}O_2$	trans-Tetrahydro-naphthalene-1,2-diol	-	Sol	Band freq, Group study	Kuhn	JACS	74 (1952)	2492
$C_{10}H_{12}O_2$	Tetralin hydroperoxide	2-15 μ	Sol	Spect, Anal	Shreve	AC	23 (1951)	282
		5-15 μ	Sol	Spect, Band freq	Minkoff	PRS	224 (1954)	176
$C_{10}H_{12}O_2$	2,3,5,6-Tetramethyl-p-benzoquinone	-	Sol	Assign, Freq	Flaig	A	626 (1959)	45
		5-15 μ	S,Sol	Table, Substitution	Yates	JACS	78 (1956)	650
$C_{10}H_{12}O_2$	2,4,5-Trimethylbenzoic acid	10-15 μ	S	Spec, Anal	Nicholson	AC	31 (1959)	519
$C_{10}H_{12}O$	2,4,6-Trimethyl-benzoic acid	10-15 μ	S	Spec, Anal, Freq	Nicholson	AC	31 (1959)	519
$C_{10}H_{12}O_2$	Vinyloxyethyl phenyl	-	-	Group freq	Butler	JACS	77 (1955)	482

$C_{10}H_{12}O_2S$	p-Tolyl allyl sulfone	1000-1500	Sol	Spec	Schrieber	AC	21 (1949)	1168
$C_{10}H_{12}O_3$	o-Benzyllactic acid	2-12μ	Sol	Group freq, Band freq	Coldblatt	JACS	77 (1955)	2477
$C_{10}H_{12}O_3$	Coniferyl alcohol	6-11μ	-	Spec, Struct, Anal	Allen	JACS	71 (1949)	2613
		600-4000	-	Spec, Freq	Herzert	JOC	25 (1960)	405
$C_{10}H_{12}O_3$	2,7-Dihydroxy-4-isopropyl-2,4,6-cycloheptatrien-1-one	2-14μ	-	Spec, Band assign	Gardner	CJC	35 (1957)	1039
$C_{10}H_{12}O_3$	2,4-Dimethoxyacetophenone	1550-4000	S	Group freq	Herzert	JACS	75 (1953)	1622
$C_{10}H_{12}O_3$	4-Ethoxy-1,3,5-cycloheptatrienecarboxylic acid	687-2631	S	Band freq	Bartels	JCS	- (1952)	4461
$C_{10}H_{12}O_3$	Ethyl mandelate	2.7-3.2μ	L,S	Spec, H bond	Davies	JCP	8 (1940)	577
		-	Sol	Freq, H bond	Flett	SA	10 (1958)	21
$C_{10}H_{12}O_3$	Ethyl o-methoxy benzoate	-	-	Band assign	Katritzky	SA	16 (1960)	964
$C_{10}H_{12}O_3$	Ethyl p-methoxy benzoate	1700	Sol	Freq, I	Thompson	SA	9 (1957)	208
		650-900	L,Sol	Group study	Yoshida	CPBT	8 (1960)	389
$C_{10}H_{12}O_3$	2-Hydroxy-5-t-butyl-p-benzoquinone	-	Sol	Assign	Flaig	A	626 (1959)	215
$C_{10}H_{12}O_3$	2-Hydroxy-6-t-butyl-p-benzoquinone	-	Sol	Assign	Flaig	A	626 (1959)	215
$C_{10}H_{12}O_3$	2-Hydroxy-3-isopropyl-6-methyl-p-benzoquinone	-	Sol	Assign	Flaig	A	626 (1959)	215

$C_{10}H_{12}O_3$	2-Hydroxy-3-methyl-6-isopropyl-p-benzoquinone	-	Sol	Assign	Flaig	A	626 (1959)	215
$C_{10}H_{12}O_3$	2-Methoxy-3,5,6-trimethyl-p-benzoquinone	-	Sol	Assign	Flaig	A	626 (1959)	215
$C_{10}H_{12}O_3$	Methyl 6-hydroxyhemellitate	-	Sol	Freq	Hunsberger	JACS	77 (1955)	2466
$C_{10}H_{12}O_3$	Methyl 6-hydroxy-3,4-xylate	-	Sol	Freq	Hunsberger	JACS	77 (1955)	2466
$C_{10}H_{12}O_3$	cis-2-Phenyl-1:3-dioxan-5-ol	3500-3700	Sol	H bond	Barker	TE	7 (1959)	10
$C_{10}H_{12}O_3$	trans-2-Phenyl-1:3-dioxan-5-ol	3500-3700	Sol	H bond	Barker	TE	7 (1959)	10
$C_{10}H_{12}O_3$	n-Propyl β-(2-furyl) acrylate	800-1700	Sol	Freq, Assign	Katritzky	JCS	- (1959)	657
		-	-	Band study, Assign	Katritzky	SA	16 (1960)	964
		800-1500	Sol	Band assign	Katritzky	SA	16 (1960)	954
$C_{10}H_{12}O_3S$	3-Butenyl benzenesulfonate	2-16 μ	S	Spec, Ident	Bergstrom	JACS	74 (1952)	145
$C_{10}H_{12}O_4$	Aurantiogliocladin	-	-	Group freq, Band freq	Vischer	JCS	- (1953)	815
$C_{10}H_{12}O_4$	Bicyclo[3.1.0]hex-2-ene-6,6-dicarboxylic acid monoethyl ester	-	-	Group freq, Struct	Kierstead	JCS	- (1953)	1803
$C_{10}H_{12}O_4$	Cantharidin	2-13 μ	Sol	Spec, Ident, Struct	Stork	JACS	75 (1953)	384
$C_{10}H_{12}O_4$	Cyclohexyl acetylenedicarboxylate	2-15 μ	L	Assign, Discussion	Walton	JACS	79 (1957)	3985

$C_{10}H_{12}O_4$	Diallyl fumarate	-	Sol	Absorp, Band freq	Hampton	AC	21 (1949)	914
$C_{10}H_{12}O_4$	Diallyl maleate	-	Sol	Absorp, Band freq	Hampton	AC	21 (1949)	914
$C_{10}H_{12}O_4$	2,7-Dimethoxycycloheptatrienecarboxylic acid	740-2666	S	Table	Johns	JCS	- (1954)	4605
$C_{10}H_{12}O_4$	Dimethyl cyclohexa-1,3-diene-1,4-dicarboxylate	-	-	Band freq	Burnell	JCS	- (1954)	3636
$C_{10}H_{12}O_4$	β-Hydroxyconiferyl alcohol	600-4000	S	Spec, Group freq	Herzert	JOC	25 (1960)	405
$C_{10}H_{12}O_4$	α-Hydroxypropiovanillone	600-4000	S	Spec, Group freq	Herzert	JOC	25 (1960)	405
$C_{10}H_{12}O_4$	Jaconecic dilactone	2-15μ	S,L	Spec	Bradbury	AJC	9 (1956)	258
$C_{10}H_{12}O_4$	Methyl 2,3-dimethoxy benzoate	-	Sol	Freq	Edwards	JOC	20 (1955)	847
$C_{10}H_{12}O_4$	Vinyltetrahydrophthalic acid	1350-1900	-	Spec	Barnes	IEC	15 (1943)	659
$C_{10}H_{12}O_4S$	Ethyl β (phenylsulfonyl)acetate	1000-1500	Sol	Spec	Schreiber	AC	21 (1949)	1168
$C_{10}H_{12}O_5$	Dimethyl 3-hydroxyocta-2,4,6-trienedioate	-	Sol	Group freq	Jones	JCS	- (1954)	3212
$C_{10}H_{12}O_5$	3,4,5-Trimethoxybenzoic acid	-	-	Ident	Klohs	JACS	75 (1953)	4867
		-	-	Ident	Neuss	JACS	75 (1953)	4870
		-	S	Struct	Neuss	JACS	76 (1954)	2463
		-	-	Ident	Klohs	JACS	77 (1955)	2241

$C_{10}H_{12}O_8$	1,3-Dicarboxy-2,4-cyclobutanediacetic acid (α-form)	2-13μ	S	Spec, Struct, Band freq	Reid	JACS	73	(1951)	1985
$C_{10}H_{12}O_8$	Dimethyl diacetoxy-fumarate	5.6-10.64μ	Sol	Group freq, I	Goodwin	JACS	76	(1954)	5599
$C_{10}H_{12}S$	Crotyl phenyl sulfide	2.5-16μ	L	Spec, Ident, Anal	Cope	JACS	72	(1950)	59
$C_{10}H_{12}S$	α-Methallyl phenyl sulfide	2.5-15μ	L	Spec, Ident, Anal	Cope	JACS	72	(1950)	59
$C_{10}H_{12}S_2$	2-Ethynylcyclohex-2-ene-1-spiro-2'-(1',3'-dithiolan)	-	S	Band freq	Jaeger	JCS	-	(1955)	646
$C_{10}H_{13}BrN_2O_3$	Nostal	-	-	Ident	Cleverley	ANA	85	(1960)	582
$C_{10}H_{13}BrO$	α-Bromoumbellulone	-	L	Freq	Eastmen	JACS	76	(1954)	4118
$C_{10}H_{13}BrO_2$	1-Bromo-2-keto-dihydroumbellulone	-	Sol	Freq	Eastman	JACS	76	(1954)	4118
$C_{10}H_{13}Cl_3OSi$	Trichlorosilylbutyl phenyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{10}H_{13}N$	1-Benzyl-2-methyl-ethylenimine	-	-	Band freq, Group freq	Stolberg	JACS	75	(1953)	5045
$C_{10}H_{13}N$	O-Tolyl ethyl ketimine	-	-	Freq	Pickard	JACS	76	(1954)	5769
$C_{10}H_{13}NO$	N-Methyl-N-aceto-o-toluidide	-	Sol	Freq, I	Richards	TFS	45	(1949)	874
$C_{10}H_{13}NO$	N-Methyl-N-aceto-p-toluidide	-	Sol	Freq, I	Richards	TFS	45	(1949)	874
$C_{10}H_{13}NO$	2-Methyl-3-phenyl oxazolidine	-	-	Band freq	Bergmann	CR	53	(1953)	309

$C_{10}H_{13}NO_2$	4-Amino-5-methoxy-6-methylphthalan	-	S,Sol	Spec, Band assign	Allison	JCS	-	(1958)	4311
$C_{10}H_{13}NO_2$	Bicyclo[3.3.1]nonan-9-one oxime-1-carboxylic acid isoxazolone	2-16 μ	Sol	Spec, Struct	Cope	JACS	73	(1951)	4702
$C_{10}H_{13}NO_2$	n-Butyl nicotinate	600-3000	Sol	Freq, Assign	Katritzky	JCS	-	(1958)	3165
		800-1500	Sol	Band assign	Katritzky	SA	16	(1960)	954
		-	-	Band assign	Katritzky	SA	16	(1960)	964
$C_{10}H_{13}NO_2$	s-Butyl nicotinate	600-3000	Sol	Freq, Assign	Katritzky	JCS	-	(1958)	3165
		800-1500	Sol	Band assign	Katritzky	SA	16	(1960)	954
		-	-	Band assign	Katritzky	SA	16	(1960)	964
$C_{10}H_{13}NO_2$	N-Cycloheptatrienylurethane	709-3322	S	Table	Johnson	JCS	-	(1955)	1622
$C_{10}H_{13}NO_2$	(1-Cyclohexenyl)-succinimide	-	S	Band freq	Fanta	JACS	76	(1954)	2915
$C_{10}H_{13}NO_2$	Cyclohexylidene-succinimide	-	S	Band freq	Fanta	JACS	76	(1954)	2915
$C_{10}H_{13}NO_2$	1,3-Diketo-10-methyl-1,2,3,4,5,6,7,10-octahydroisoquinoline	-	S	Band freq	Shafer	JACS	75	(1953)	5963
$C_{10}H_{13}NO_2$	3,4-Dimethoxy-benzylidenemethylamine	-	-	Spec	Ban	CPBT	8	(1960)	194
$C_{10}H_{13}NO_2$	p-Dimethylaminophenyl acetate	1700-1800	Sol	Stretch freq	Short	JCS	-	(1952)	206
$C_{10}H_{13}NO_2$	p-Ethoxy-N-methylbenzamide	1600-3500	Sol	Group freq	Thompson	SA	13	(1958)	236

$C_{10}H_{13}NO_2$	Ethyl N-benzyl-carbamate	-	S,Sol	Freq, Assign	Barr	JCS	-	(1956)	3428
$C_{10}H_{13}NO_2$	5-Ethyl-2-pyridyl-methyl acetate	-	-	Group freq	Bullitt	JACS	76	(1954)	1370
$C_{10}H_{13}NO_2$	Ethyl β-(3-pyridyl)-propionate	-	Sol	Assign, Band study	Katritzky	JCS	-	(1958)	2182
		600-3000	Sol	Freq, Assign	Katritzky	JCS	-	(1958)	3165
$C_{10}H_{13}NO_2$	Ethyl β-(4-pyridyl)-propionate	-	Sol	Assign, Band study	Katritzky	JCS	-	(1958)	2182
$C_{10}H_{13}NO_2$	Ethyl N-tolyl-urethan	1000-3500	Sol	Spec, Assign, I	Katritzky	JCS	-	(1960)	676
$C_{10}H_{13}NO_2$	N-(2-Hydroxyethyl)-4-methoxybenzal	2-15μ	L,Sol	Spec, Struct	Daasch	JACS	72	(1950)	3673
$C_{10}H_{13}NO_2$	Isobutyl nicotinate	600-3000	Sol	Freq, Assign	Katritzky	JCS	-	(1958)	3165
		800-1500	Sol	Band assign	Katritzky	SA	16	(1960)	954
		-	-	Band assign	Katritzky	SA	16	(1960)	964
$C_{10}H_{13}NO_2$	2-Isopropyl-5-methyl-p-benzoquinone-4-oxime	700-3500	S	Struc	Philbrook	JOC	24	(1959)	568
$C_{10}H_{13}NO_2$	2-Methyl-2-(2-Cyano-ethyl)-1,3-hexane-dione	1550-1750	Sol	Spec, Assign	Ananchenko	IANS	-	(1960)	1644
$C_{10}H_{13}NO_2$	Methyl N,N-dimethyl-anthranilate	2-15μ	-	Struct, Anal, Freq	Rasmussen	JACS	71	(1949)	1073
$C_{10}H_{13}NO_2$	Methyl phenyl-urethane	-	Sol	Freq, I	Thompson	SA	13	(1958)	236
$C_{10}H_{13}NO_2$	3-Nitro-t-butyl-benzene	6-8μ	Sol	Freq, I	Conduit	JCS	-	(1959)	3273

$C_{10}H_{13}NO_2$	Phenacetin	1400-2000	Sol	Spec, Anal	Parke	AC	23 (1951)	953
		-	-	Spec	Fortune	AC	29 (1957)	1
		1600-1725	Sol	Freq	Thompson	SA	13 (1958)	236
$C_{10}H_{13}NO_2 \cdot H_3PO_4$	DL-Phenylalanine methyl ester phosphate	3-15μ	L,S	Spec, Freq	Li	JACS	77 (1955)	3519
$C_{10}H_{13}NO_2$	N-O-Tolylurethan	2-15μ	Sol	Spec, Anal, Group freq	Pristera	AC	25 (1953)	844
		3μ	S	Freq	Russell	SA	8 (1956)	138
$C_{10}H_{13}NO_3$	4-Amino-5,6-dimethoxy-phthalan	-	S,Sol	Spec, Band assign	Allison	JCS	- (1958)	4311
$C_{10}H_{13}NO_3$	3-n-Butylcarboxy-pyridine-1-oxide	800-3000	Sol	Spec, Freq, I	Katritzky	JCS	- (1959)	3680
		-	-	Band assign	Katritzky	SA	16 (1960)	964
$C_{10}H_{13}NO_3$	3-S-Butylcarboxy-pyridine-1-oxide	800-3000	Sol	Spec, Freq, I	Katritzky	JCS	- (1959)	3680
		800-1500	Sol	Band assign	Katritzky	SA	16 (1960)	954
		-	-	Band assign	Katritzky	SA	16 (1960)	964
$C_{10}H_{13}NO_3$	3-Carbethoxy-2,5-dimethylpyrrole-4-aldehyde	500-4000	S,Sol	Spec, Struct, Band freq	Eisner	JCS	- (1958)	971
$C_{10}H_{13}NO_3$	1,6-Dimethyl-5-carbethoxy-2-pyridone	-	Sol	Band freq, I	Ramirez	JACS	77 (1955)	1035
$C_{10}H_{13}NO_3$	2,4-Dimethyl-3-carbethoxypyrrole-5-aldehyde	500-4000	S,Sol	Spec, Struct, Band freq	Eisner	JCS	- (1958)	971
$C_{10}H_{13}NO_3$	3,5-Dimethyl-2-carbethoxypyrrole-4-aldehyde	500-4000	S,Sol	Spec, Struct, Band freq	Eisner	JCS	- (1958)	971

$C_{10}H_{13}NO_3$	2,4-Dimethyl-5-carbethoxy-3-pyrrolecarboxaldehyde	-	S,Sol	Freq	Mirone	ANCR	48 (1958)	72
$C_{10}H_{13}NO_3$	3,5-Dimethyl-4-carbethoxy-2-pyrrolecarboxaldehyde	-	S,Sol	Freq	Mirone	ANCR	48 (1958)	72
$C_{10}H_{13}NO_3$	Ethyl 2-methyl-6-methoxynicotinate	-	Sol	Band freq, I	Ramirez	JACS	77 (1955)	1035
$C_{10}H_{13}NO_3$	Ethyl N-methoxyphenylurethan	1000-3600	Sol	Spec, Assign, I	Katritzky	JCS	- (1960)	676
$C_{10}H_{13}NO_3$	3-Isobutylcarboxypyridine-1-oxide	800-3000	Sol	Spec, Freq, I	Katritzky	JCS	- (1959)	3680
		800-1500	Sol	Band assign	Katritzky	SA	16 (1960)	954
		-	-	Band assign	Katritzky	SA	16 (1960)	964
$C_{10}H_{13}NO_3S$	p-Acetylaminomethylphenyl methyl sulfone	-	S	Substitution effect	Momose	CPBT	6 (1958)	412
$C_{10}H_{13}NO_3S$	p-Aminomethylphenyl acetylmethyl sulfone	-	S	Substitution effect	Momose	CPBT	6 (1958)	412
$C_{10}H_{13}NO_4$	3-Carbethoxy-2-methyl-4-oxo-Δ^2-pyrroline enol acetate	2-8 μ	S	Table,I	Davoll	JCS	- (1953)	3802
$C_{10}H_{13}NO_4$	3,4-Dicarbethoxypyrrole	500-4000	S,Sol	Spec, Struc, Freq assign	Eisner	JCS	- (1958)	971
$C_{10}H_{13}NO_4$	3,4-Diethylpyrrole-2,5-dicarboxylic acid	500-4000	S	Spec, Struc, Freq assign	Eisner	JCS	- (1958)	971

$C_{10}H_{13}NO_4$	2,4-Dimethyl-3-carbethoxypyrrole-5-carboxylic acid	400-5000	S	Spec, Struc, Freq assign	Eisner	JCS	-	(1958) 971
$C_{10}H_{13}NO_4$	2,4-Dimethyl-5-ethylcarboxy pyrrole-3-carboxylic acid	400-5000	S	Spec, Struc, Freq assign	Eisner	JCS	-	(1958) 971
$C_{10}H_{13}N_3O_3$	2,3-Dimethoxybenzaldehyde semicarbazone	700-3500	S	Ident, Assign	Davison	JCS	-	(1955) 3389
$C_{10}H_{13}N_3O_3$	2-Morpholinoylamino-pyridine-N-oxide	800-3000	Sol	I, Band study	Katritzky	JCS	-	(1958) 2195
$C_{10}H_{13}N_3O_6$	2-Dicarbethoxymethyl-4,6-dihydroxy-S-triazine	2-15 μ	S	Freq, Assign	Reimschuessel	JACS	82	(1960) 3756
$C_{10}H_{13}N_5$	1-Methyl-5-(2,6-xylyl)amino-tetrazole	6-14 μ	S	Spec	Finnegan	JACS	77	(1955) 4420
$C_{10}H_{13}N_5$	1-(2,6-Xylyl)-5-methylamino-tetrazole	6-14 μ	S	Spec	Finnegan	JACS	77	(1955) 4420
$C_{10}H_{13}N_5O_3$	Cordycepin	-	-	Struct	Bentley	JCS	-	(1951) 2301
$C_{10}H_{13}N_5O_4$	Adenosine	10.5 μ	S	Band freq	Schwarz	APS	6	(1952) 15
$C_{10}H_{13}N_5O_5$	9-β-D-Ribofurano-sylisoquanine	2-16 μ	S	Spec, Ident	Davoll	JACS	73	(1951) 3174
$C_{10}H_{13}OAS$	Tetrahydro-4-phenyl-1,4-oxarsine	-	-	Freq	Beeby	JCS	-	(1951) 886

$C_{10}H_{13}O_2SB$	n-Butyl o-phenylene-thioborate	6-14μ	L,S	Group freq, Struc	Blau	JCS	-	(1960)	380
$C_{10}H_{13}O_2B$	o-Phenylene t-butyl-boronate	6-14μ	L,S	Group freq, Struc	Blau	JCS	-	(1960)	380
$C_{10}H_{13}O_3B$	n-Butyl o-phenylene-borate	6-14μ	L,S	Assign, Struc	Blau	JCS	-	(1960)	380
$C_{10}H_{14}$	n-Butylbenzene	3.1-3.6μ	L	Spec, Freq	Barnes	PR	35	(1930)	1524
		1300-1700	-	Freq, Spec	Barnes	IEC	15	(1943)	659
		8000-9000	Sol	Group study	Hibbard	AC	24	(1949)	486
		3.2-3.6μ	Sol	Assign, Spec	Plyler	JRNB	43	(1949)	43
		2-15μ	-	Spec, Ident	Craig	JACS	73	(1951)	1191
		-	-	Group study	Hastings	AC	24	(1952)	612
		-	Sol	Analysis, Calibration	Williams	AC	24	(1952)	1911
		400-4300	L,Sol	Spec, Freq	Meltzer	JACS	75	(1953)	1355
		-	Sol	Freq, Substitution	Potts	AC	27	(1955)	1027
		-	Sol	Band freq, I	Randle	TFS	52	(1956)	9
		15-35μ	S	Spec, Struct	Bentley	SA	15	(1959)	165
		8.9-9.92μ	Sol	Analysis	Jakobsen	AC	31	(1959)	1600
		2-15μ	L	Spec, Struct	Hawkes	SA	16	(1960)	633
		900-1030	Sol	Group study	Puttnam	JCS	-	(1960)	2934
$C_{10}H_{14}$	s-Butylbenzene	1000-1800	-	Freq, Spec	Barnes	IEC	15	(1943)	659
		3.2-3.6μ	Sol	Assign, Spec	Plyler	JRNB	43	(1949)	37
		-	-	Analysis	Perry	AC	22	(1950)	1122
		-	-	Analysis	Perry	AC	23	(1951)	495
		-	Sol	Analysis, Calibration	Williams	AC	24	(1952)	1911
		400-4300	L,Sol	Spec, Freq	Meltzer	JACS	75	(1953)	1355
		-	Sol	Freq, Substitution	Potts	AC	27	(1955)	1027
		-	Sol	Band freq, I	Randle	TFS	52	(1956)	9
		15-35μ	S	Spec, Struct	Bentley	SA	15	(1959)	165
		2-15μ	L	Spec, Struct	Hawkes	SA	16	(1960)	633
		900-1030	Sol	Group study	Puttnam	JCS	-	(1960)	2934
$C_{10}H_{14}$	t-Butylbenzene	1000-1800	-	Freq, Spec	Barnes	IEC	15	(1943)	659
		700-3100	L,S	Spec	Richards	PRS	155	(1948)	1
		8000-9000	Sol	Group study	Hibbard	AC	21	(1949)	486

		22-39μ	L	Freq	Plyler	JCP	17	(1949)	718
		3.2-3.6μ	Sol	Assign, Spec	Plyler	JRNB	43	(1949)	37
		-	-	Group study	Hastings	AC	24	(1952)	612
		-	Sol	Analysis, Calibration	Williams	AC	24	(1952)	1911
		-	-	Freq, Analysis	Martin	AC	26	(1954)	1886
		625-900	-	Substitution effect	Margoshes	SA	7	(1955)	14
		-	Sol	Freq, Substitution	Potts	AC	27	(1955)	1027
		-	Sol	Band freq, I	Randle	TFS	52	(1956)	9
		15-35μ	S	Spec, Struc	Bentley	SA	15	(1959)	165
		900-1030	Sol	Group study	Puttnam	JCS	-	(1960)	2934
$C_{10}H_{14}$	Cosmene	-	-	Ident	Nayler	JCS	-	(1954)	4006
		2-15μ	L	Purification	Sorenson	ACS	8	(1959)	284
$C_{10}H_{14}$	2,4,6,8-Deca-tetraene	1400-2000	Sol	Spec	Blout	JACS	70	(1948)	194
$C_{10}H_{14}$	1,2-Diethylbenzene	-	-	Spec	Perry	AC	22	(1950)	1122
		10-11μ	-	Analysis	Perry	AC	23	(1951)	495
		-	Sol	Analysis	Williams	AC	24	(1952)	1911
		-	-	Analysis	Blau	JACS	75	(1953)	3330
		-	-	Freq	Bomstein	AC	25	(1953)	512
		15-35μ	S	Spec, Struct	Bentley	SA	15	(1959)	165
$C_{10}H_{14}$	1,3-Diethylbenzene	-	-	Spec	Perry	AC	22	(1950)	1122
		11-12μ	-	Analysis	Perry	AC	23	(1951)	495
		-	Sol	Analysis	Williams	AC	24	(1952)	1911
		-	-	Analysis	Blau	JACS	75	(1953)	3330
		-	-	Freq	Bomstein	AC	25	(1953)	512
		-	-	Analysis	Lien	JACS	75	(1953)	2407
		700-1000	S,Sol	Substitution effect	Bellamy	JCS	-	(1955)	2818
		15-35μ	S	Spec, Struct	Bentley	SA	15	(1959)	165
$C_{10}H_{14}$	1,4-Diethylbenzene	-	-	Spec	Perry	AC	22	(1950)	1122
		3-12μ	Sol	Spec	Cram	JACS	73	(1951)	5691
		8.79-8.92μ	-	Analysis	Perry	AC	23	(1951)	495
		-	-	Group study	Hastings	AC	24	(1952)	612
		-	Sol	Analysis	Williams	AC	24	(1952)	1911

		-	-	Analysis	Blau	JACS	75 (1953) 3330
		-	-	Band freq	Bomstein	AC	25 (1953) 512
		15-35μ	S	Spec, Struct	Bentley	SA	15 (1959) 165
$C_{10}H_{14}$	1,2-Dimethyl-3-ethylbenzene	-	Sol	Analysis	Williams	AC	24 (1952) 1911
		-	-	Freq	Podall	AC	29 (1957) 1423
$C_{10}H_{14}$	1,2-Dimethyl-4-ethylbenzene	-	Sol	Analysis	Williams	AC	24 (1952) 1911
$C_{10}H_{14}$	1,3-Dimethyl-2-ethylbenzene	-	Sol	Analysis	Williams	AC	24 (1952) 1911
		-	-	Ident	Schlatter	JACS	76 (1954) 4952
		-	-	Freq	Podall	AC	29 (1957) 1423
$C_{10}H_{14}$	1,3-Dimethyl-4-ethylbenzene	-	Sol	Analysis	Williams	AC	24 (1952) 1911
		-	L	Ident	Pines	JACS	77 (1955) 4370
		-	-	Freq	Podall	AC	29 (1957) 1423
$C_{10}H_{14}$	1,3-Dimethyl-5-ethylbenzene	-	Sol	Analysis	Williams	AC	24 (1952) 1911
		-	Sol	Spec, Freq, Assign	Mc Caulay	JACS	76 (1954) 2354
		700-1000	S	Substitution effect	Bellamy	JCS	- (1955) 2818
		-	L	Ident	Pines	JACS	77 (1955) 4370
		15-35μ	S	Spec, Struct	Bentley	SA	15 (1959) 165
$C_{10}H_{14}$	1,4-Dimethyl-2-ethylbenzene	-	Sol	Analysis	Williams	AC	24 (1952) 1911
		-	-	Freq	Podall	AC	29 (1957) 1423
$C_{10}H_{14}$	2,6-Dimethyl-1-trans-3,5,7-octatetraene	-	L	Group freq, I	Allan	JCS	15 (1955) 1874
$C_{10}H_{14}$	Isobutylbenzene	24-40μ	-	Absorp freq	Plyler	JCP	16 (1948) 1008
		8.56-8.79μ	-	Analysis	Perry	AC	23 (1951) 495
		-	Sol	Analysis, Calibration	Williams	AC	24 (1952) 1911
		-	L	Freq, Substitution	Potts	AC	27 (1955) 1027
		15-35μ	S	Spec, Struct	Bentley	SA	15 (1959) 165
$C_{10}H_{14}$	2-Methyl-2-phenylpropane	2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960) 633

$C_{10}H_{14}$	2-Methyl-3-phenyl-propane	2-15 μ	L	Spec, Struct	Hawkes	SA	16	(1960)	633
$C_{10}H_{14}$	1-Methyl-2-isopropylbenzene	-	-	Analysis	Ipatieff	JOC	17	(1952)	1431
		-	Sol	Analysis	Williams	AC	24	(1952)	1911
$C_{10}H_{14}$	1-Methyl-3-isopropylbenzene	-	-	Analysis	Ipatieff	JOC	17	(1952)	1431
		-	Sol	Analysis	Williams	AC	24	(1952)	1911
$C_{10}H_{14}$	1-Methyl-4-isopropylbenzene	-	-	Band freq	Williams	JCP	4	(1936)	460
		-	-	Absorp freq	Barnes	IEC	15	(1943)	659
		8000-9000	Sol	Group study	Hibbard	AC	21	(1949)	486
		-	-	Analysis	Ipatieff	JOC	17	(1952)	1431
		-	Sol	Analysis	Williams	AC	24	(1952)	1911
		-	-	Band freq	Bomstein	AC	25	(1953)	512
		720-2915	-	Ident, I	Aebi	JCS	-	(1954)	4659
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954)	1726
		-	-	Ident	Pines	JACS	77	(1955)	343
		-	L	Ident	Pines	JACS	77	(1955)	4370
		700-1700	Sol	Freq assign, Substitution effect	Katritzky	JCS	-	(1959)	2051
		900-1030	Sol	Group study	Puttnam	JCS	-	(1960)	2934
$C_{10}H_{14}$	1-Methyl-2-n-propylbenzene	-	Sol	Analysis	Williams	AC	24	(1952)	1911
		8.88-13.47 μ	-	Table	Pines	JACS	77	(1955)	554
$C_{10}H_{14}$	1-Methyl-3-n-propylbenzene	-	Sol	Analysis	Williams	AC	24	(1952)	1911
		8.52-13 μ	-	Table	Pines	JACS	77	(1955)	554
$C_{10}H_{14}$	1-Methyl-4-n-propylbenzene	-	Sol	Analysis	Williams	AC	24	(1952)	1911
		-	-	Analysis	Ipatieff	JACS	75	(1953)	3323
		7.21-13 μ	-	Table	Pines	JACS	77	(1955)	554
$C_{10}H_{14}$	1,2,3,4-Tetramethylbenzene	-	-	Thermo	Kassel	JCP	4	(1936)	276
		2.75-15 μ	L,Sol	Substitution, Freq	Launer	AC	23	(1951)	1875
		-	Sol	Analysis	Williams	AC	24	(1952)	1911
		900-1050	Sol	Group study	Randle	JCS	-	(1955)	3497
		1650-2000	-	Freq assign	Whiffen	SA	7	(1955)	253

$C_{10}H_{14}$	1,2,3,5-Tetramethyl-benzene	-	-	Thermo	Kassel	JCP	4	(1936)	276
		-	-	Purity	Mc Caulay	JACS	73	(1951)	2013
		-	Sol	Analysis	Williams	AC	24	(1952)	1911
		-	L	Ident	Pines	JACS	77	(1955)	4370
		900-1050	Sol	Group study	Randle	JCS	-	(1955)	3497
		1650-2000	-	Freq assign	Whiffen	SA	7	(1955)	253
		-	-	Freq	Podall	AC	29	(1957)	1423
		15-35μ	S	Spec, Struct	Bentley	SA	15	(1959)	165
$C_{10}H_{14}$	1,2,4,5-Tetramethyl-benzene	-	-	Thermo	Kassel	JCP	4	(1936)	276
		700-3100	L,S	Spec	Richards	PRS	195	(1948)	1
		650-2000	Sol	Band freq, Struct, Substitution	Cannon	SA	4	(1951)	373
		-	-	Group study	Hastings	AC	24	(1952)	612
		-	Sol	Anal	Williams	AC	24	(1952)	1911
		900-1050	Sol	Group study	Randle	JCS	-	(1955)	3497
		1650-2000	-	Assign freq	Whiffen	SA	7	(1955)	253
		15-35μ	S	Spec, Struct	Bentley	SA	15	(1959)	165
$C_{10}H_{14}ClN.HCl$	dl-1-1-Phenyl-1-chloro-2-methylaminopropane hydrochloride	600-1800	S	Spec	Kanzawa	BCSJ	29	(1956)	398
$C_{10}H_{14}ClN.HCl$	dl-d-ψ-1-Phenyl-1-chloro-2-methyl-aminopropane hydro-chloride	600-3600	S	Spec	Kanzawa	BCSJ	29	(1956)	398
$C_{10}H_{14}ClO_3P$	Diethyl p-chloro-phenylphosphonate	2-21μ	L	Spec, Struct	Daasch	AC	23	(1951)	853
		-	-	Freq	Bell	JACS	76	(1954)	5185
$C_{10}H_{14}ClO_4P$	Diethyl p-chlorophenyl-phosphate	-	-	Freq assign	Ketelaar	RTC	78	(1959)	190
$C_{10}H_{14}F_4O_2$	1,2-Di-n-propoxy-3,3,4,4-tetrafluoro-cyclobutene	2-15μ	L	Spec, Struct	Park	JACS	71	(1949)	2337

$C_{10}H_{14}I_2$	Durene-iodine complex	-	-	Mol. const	Morcillo	ARS	56 (1960)	263
$C_{10}H_{14}N$	Metaniootine	2-15μ	L,Sol	Spec, Table	Eddy	AC	26 (1954)	1428
$C_{10}H_{14}NO_2B$	O-Phenylene diethyl-aminoboronate	6-14μ	L,S	Group freq, Struct	Blau	JCS	- (1960)	380
$C_{10}H_{14}NO_5P.H_2O$	N-Phosphoryl-DL-phenylalanine methyl ester hydrate	3-15μ	L,S	Spec, Group freq	Li So	JACS	77 (1955)	3519
$C_{10}H_{14}NO_5PS$	Parathion	3-15μ	Sol	Spec	Edwards	AC	21 (1949)	1567
		700-1630	L	Spec, Freq	Bellamy	JCS	- (1952)	475
$C_{10}H_{14}NO_6P$	Diethyl o-nitro-phenylphosphate	-	-	Freq	Bell	JACS	76 (1954)	5185
$C_{10}H_{14}NO_6P$	Diethyl p-nitro-phenylphosphate	700-1650	L	Spec	Bellamy	JCS	- (1952)	475
		-	-	Freq	Bell	JACS	76 (1954)	5185
$C_{10}H_{14}N_2$	Anabasine	1550-3700	L,Sol	Band freq, Spec	Marion	JACS	73 (1951)	305
$C_{10}H_{14}N_2$	γ-Isopropylidene-pimelonitrile	700-4000	L	Spec, Struct	Frank	JACS	71 (1949)	1387
$C_{10}H_{14}N_2$	Nicotine	-	-	Solvent effect	Gordy	JCP	7 (1939)	73
		2-12μ	-	Spec	Loofbourow	RMP	12 (1940)	267
		2-15μ	L,Sol	Spec, Table	Eddy	AC	26 (1954)	1428
		2.7-7.0μ	L	Spec	Witkop	JACS	76 (1954)	5597
$C_{10}H_{14}N_2.HCl$	Nicotine hydro-chloride	2.5-7.0μ	Sol	Spec, Group freq	Witkop	JACS	76 (1954)	5597
$C_{10}H_{14}N_2.2HCl$	Nicotine dihydro-chloride	2.5-7.0μ	Sol	Spec, Group freq	Witkop	JACS	76 (1954)	5597
$C_{10}H_{14}N_2O$	N-Acetyl-N,N'-dimethyl-O-phenylenediamine	2-15μ	Sol	Freq, Struct	Smith	JACS	71 (1949)	1092

$C_{10}H_{14}N_2O$	4-(1-Cyclohexenyl)-5-imino-2-pyrrolidone	-	S	Band freq, Struct	Fanta	JACS	76 (1954)	2915
$C_{10}H_{14}N_2O$	4-Cyclohexylidene-5-imino-2-pyrrolidone	-	S	Band freq, Struct	Fanta	JACS	76 (1954)	2915
$C_{10}H_{14}N_2O$	2-Hydroxypropanal -N'-methylphenyl-hydrazone	650-4000	S	Freq, H bond	Tanner	SA	15 (1959)	20
$C_{10}H_{14}N_2O_2$	2,5-Bis-dimethylamino-p-benzoquinone	-	S	Freq	Brown	JCS	- (1954)	1280
$C_{10}H_{14}N_2O_2$	3,6-Bis-dimethylamino-p-benzoquinone	2200-8000	Sol	Band freq	Buckley	JCS	- (1957)	4891
$C_{10}H_{14}N_2O_2$	2,5-Dioxo-4,7,7-trimethyl-bicyclo [4.1.0] hept-3-ene dioxime	-	-	Band freq	Corey	JACS	76 (1954)	5257
$C_{10}H_{14}N_2O_3$	Alurate	2-16 μ	Sol	Spec, Freq	Umberger	AC	24 (1952)	1309
		2.5-16 μ	S	Spec, Ident	Levi	AC	28 (1956)	1591
		-	-	Ident	Cleverley	ANA	85 (1960)	582
$C_{10}H_{14}N_2O_3$	2,7-Dimethoxycyclo-heptatrienecarbo-xylic hydrazide	746-3226	S	Table	Johns	JCS	- (1954)	4605
$C_{10}H_{14}N_2O_3$	2-Methyl-4-hydroxy-(2'-tetrahydro-pyranyloxy) pyrimidine	650-3600	S	Group study	Tanner	SA	8 (1956)	9
$C_{10}H_{14}N_2O_4$	4,6-Dihydroxy-2-methyl-5-(2'-tetra-hydropranyloxy) pyrimidine	650-3600	S	Group study	Tanner	SA	8 (1956)	9

$C_{10}H_{14}N_2O_5$	Thymidine	-	-	Ident	Michelson	JCS	-	(1955)	816
$C_{10}H_{14}N_4O$	p-Dimethylamino-benzaldehyde semi-carbazone	700-3500	S	Assign, Ident	Davison	JCS	-	(1955)	3389
$C_{10}H_{14}N_4O_2$	7-Propyltheophyllin	-	-	Struct, Spec	Zelnik	BSCF	-	(1960)	1917
$C_{10}H_{14}N_5O_6P$	Deoxyadenylic acid	-	-	Ident	Hayes	JCS	-	(1955)	808
$C_{10}H_{14}N_5O_7P$	Adenylic acid-a	1-15.5 μ	S	Spec, Ident, Struct	Brown	JCS	-	(1952)	44
$C_{10}H_{14}N_5O_7P$	Adenylic acid-b	1-15.5 μ	S	Spec, Ident, Struct	Brown	JCS	-	(1952)	44
		9-11 μ	S	Band freq	Schwarz	APS	6	(1952)	15
$C_{10}H_{14}N_5O_7P$	5-Adenylic acid	1-15.5 μ	S	Spec	Brown	JCS	-	(1952)	44
		9-11 μ	S	Band freq	Schwarz	APS	6	(1952)	15
		3.03-13.9 μ	S	Table, I	Brown	JCS	-	(1954)	1448
$C_{10}H_{14}N_5O_7P$	Yeast adenylic acid	700-1400	S	Group freq, Spec	Dekker	JACS	76	(1954)	3522
$C_{10}H_{14}O$	m-t-Butylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16	(1960)	1294
$C_{10}H_{14}O$	o-n-Butylphenol	900-1030	Sol	Group study	Puttnam	JCS	-	(1960)	2934
$C_{10}H_{14}O$	o-sec-Butylphenol	2.7-3.2 μ	Sol	H bond, Thermo	Coggeshall	JACS	73	(1951)	5414
		900-1030	Sol	Group study	Puttnam	JCS	-	(1960)	2934
		600-1400	Sol	Spec	Shrewsbury	SA	16	(1960)	1294
$C_{10}H_{14}O$	o-t-Butylphenol	2.7-3.2 μ	Sol	H bond, Thermo	Coggeshall	JACS	73	(1951)	5414
		-	Sol	Analysis	Scheddel	AC	29	(1957)	1552
		-	Sol	Spec	Goddu	JACS	82	(1960)	4533
		600-1400	Sol	Spec	Shrewsbury	SA	16	(1960)	1294
$C_{10}H_{14}O$	p-n-Butylphenol	900-1030	Sol	Group study	Puttnam	JCS	-	(1960)	2934
		350-3800	Sol	Hammett constant	Puttnam	JCS	-	(1960)	5100
		600-1400	Sol	Spec	Shrewsbury	SA	16	(1960)	1294

$C_{10}H_{14}O$	p-s-Butylphenol	900-1030	Sol	Group study	Puttnam	JCS	-	(1960) 2934
		3500-3800	Sol	Hammett constant	Puttnam	JCS	-	(1960) 5100
		650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{10}H_{14}O$	p-t-Butylphenol	1175-1825	-	Absorp freq, Spec	Barnes	IEC	15	(1943) 659
		-	-	Freq	Coggeshall	JACS	69	(1947) 1620
		3100-3700	Sol,S	Assign, Spec	Richards	JCS	-	(1947) 1260
		-	Sol, L,S	H bond	Sears	JACS	71	(1949) 4110
		2.7-3.2μ	Sol	H bond, Thermo	Coggeshall	JACS	73	(1951) 5414
		-	Sol	Analysis	Simard	AC	23	(1951) 1384
		-	Sol	Freq	Ingraham	JACS	74	(1952) 2297
		-	-	Band freq	Bomstein	AC	25	(1953) 512
		-	Sol	Analysis	Scheddel	AC	29	(1957) 1552
		-	Sol	Spec	Goddu	JACS	82	(1960) 4533
		900-1030	Sol	Group study	Puttnam	JCS	-	(1960) 2934
		3500-3800	Sol	Hammett constant	Puttnam	JCS	-	(1960) 5100
		650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{10}H_{14}O$	Butyl phenyl ether	-	-	Freq assign	Barnes	IEC	15	(1943) 659
		1050-1800	-	Spec	Murray	JCP	9	(1941) 129
		10-15μ	L	Spec	Patterson	AC	26	(1954) 823
$C_{10}H_{14}O$	Carvacrol	1050-1800	-	Spec	Barnes	IEC	15	(1943) 659
		9.0-15.5μ	-	Spec, Freq	Carpenter	JOC	20	(1955) 401
$C_{10}H_{14}O$	2,4-Diethylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{10}H_{14}O$	2,5-Diethylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{10}H_{14}O$	2,6-Diethylphenol	3500-3800	Sol	Hammett constant	Puttnam	JCS	-	(1960) 5100
		650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{10}H_{14}O$	3,5-Diethylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{10}H_{14}O$	3,5-Dimethyl-4-ethylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294

$C_{10}H_{14}O$	1,1-Dimethyl-2-phenyl-ethyl alcohol	665-5000 -	L -	Bond freq Spec	Zeiss Michinori	JACS BCSJ	75 (1953) 33 (1960)	897 1600
$C_{10}H_{14}O$	2-Ethyl-3,5-dimethyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294
$C_{10}H_{14}O$	1-Ethyl α-methyl-benzyl ether	2-16μ -	Sol Sol	Spec, Ident Freq, Substitution	Mislow Potts	JACS AC	73 (1951) 27 (1955)	3954 1027
$C_{10}H_{14}O$	p-Ethylphenylmethyl-carbinol	-	-	Spec	Eliel	JACS	75 (1953)	4585
$C_{10}H_{14}O$	2-Hydroxy-5-isopropyl-2,4,6-cycloheptatriene	2-14μ	-	Spec, Band assign	Gardner	CJC	35 (1957)	1039
$C_{10}H_{14}O$	2-Hydroxy-4-methyl-1-isopropylbenzene	900-1030	Sol	Group study	Puttnam	JCS	- (1960)	2934
$C_{10}H_{14}O$	3-Isopropyl-2-methyl-phenol	9-15.5μ 650-1400	- Sol	Spec, Freq Spec	Carpenter Shrewsbury	JOC SA	20 (1955) 16 (1960)	401 1294
$C_{10}H_{14}O$	2-Keto-$\Delta^{1(a)}$octalin	-	-	Group freq	Zeiss	JACS	75 (1953)	5935
$C_{10}H_{14}O$	Menthofuran	-	-	Band freq	Hawarth	JCS	- (1955)	1983
$C_{10}H_{14}O$	Methylethylphenyl-carbinol	2-15μ 665-5000	L L	Spec Group freq	Cram Zeiss	JACS JACS	74 (1952) 75 (1953)	2129 897
$C_{10}H_{14}O$	cis-8-Methylhydrind-6-ene-5-one	-	-	Freq	Conroy	JACS	74 (1952)	3046
$C_{10}H_{14}O$	2-Methyl-4-isopropyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294
$C_{10}H_{14}O$	2-Methyl-5-isopropyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294

$C_{10}H_{14}O$	2-Methyl-6-isopropyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{14}O$	2-Methyl-4-n-propyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{14}O$	3-Methyl-2-isopropyl-phenol	3500-3800	Sol	Hammett constant	Puttnam	JCS	- (1960) 5100
$C_{10}H_{14}O$	3-Methyl-4-isopropyl-phenol	3500-3800 650-1400	Sol Sol	Hammett constant, freq Spec	Puttnam Shrewsbury	JCS SA	- (1960) 5100 16 (1960) 1294
$C_{10}H_{14}O$	3-Methyl-5-isopropyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{14}O$	4-Methyl-2-isopropyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{14}O$	4-Methyl-2-n-propyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{14}O$	5-Methyl-2-n-propyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{14}O$	3-Methyl-4,5,6,7-tetrahydroindanone-1	-	-	Group freq	Hamlet	JCS	- (1951) 2652
$C_{10}H_{14}O$	3-Phenyl-2-butanol	2-15μ	L	Spec	Cram	JACS	74 (1952) 2129
$C_{10}H_{14}O$	1-Phenyl-2-methyl-propanol-1	665-5000	L	Group freq	Zeiss	JACS	74 (1953) 897
$C_{10}H_{14}O$	2,3,4,5-Tetramethyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{10}H_{14}O$	2,3,4,6-Tetramethyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294

$C_{10}H_{14}O$	2,3,5,6-Tetramethyl-phenol	-	Sol, L,S	H bond	Sears	JACS	71 (1949)	4110
		3500-3800	Sol	Hammett constant	Puttnam	JCS	- (1960)	5100
		650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294
$C_{10}H_{14}O$	Thymol	6900-7200	Sol	Substitution effect	Wulf	JACS	58 (1936)	2287
		-	S	Freq	Eastman	JACS	76 (1954)	4118
		-	Sol	Freq	Goulden	SA	6 (1954)	129
		650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294
$C_{10}H_{14}O$	2,6,6-Trimethyl-cycloheptadiene-2,4-one	-	L	Freq, Struc	Scott	JACS	72 (1950)	240
		-	Sol	Freq	Pauson	CR	55 (1955)	9
$C_{10}H_{14}O$	Umbellulone	-	L,Sol	Freq	Eastman	JACS	76 (1954)	4115
		-	L	Freq	Eastman	JACS	76 (1954)	4118
$C_{10}H_{14}OS_2$	2-Ethynyl-2-hydroxy-cyclohexane-1-spiro-2'-(1',3'-dithiolan)	-	S	Band freq	Jaeger	JCS	- (1955)	646
$C_{10}H_{14}OSi$	Benzoyltrimethyl-silane	-	Sol	Freq	Brook	JACS	82 (1960)	5102
$C_{10}H_{14}OSi$	p-Trimethylsilyl-benzaldehyde	-	-	Group study	Frisch	JACS	75 (1953)	1249
$C_{10}H_{14}O_2$	2-(cis-2-Butenyl)-4-hydroxy-3-methyl-2-cyclopenten-1-one (Natural cinerolone)	2-15μ	Sol,L	Spec	Cupples	JACS	72 (1950)	4522
		2.7-15μ	-	Spec, Group freq	Crombie	JCS	- (1951)	2445
		-	S	Group freq	Allen	JOC	20 (1955)	323
$C_{10}H_{14}O_2$	2-(trans-2-Butenyl)-3-methyl-4-hydroxy-2-cyclopentene-1-one (Synthetic cinerolone)	2-15μ	Sol,L	Spec	Cupples	JACS	72 (1950)	4522

$C_{10}H_{14}O_2$	4-t-Butylcatechol	-	Sol	Stretch freq	Ingraham	JACS	74 (1952)	2297
$C_{10}H_{14}O_2$	Camphor quinone	-	L,S	Band freq	Leonard	JACS	72 (1950)	5388
		2-16μ	Sol	Spec, Group freq	Vaughan	JOC	18 (1953)	382
		-	Sol	Freq	Eastman	JACS	76 (1954)	4118
$C_{10}H_{14}O_2$	Chamenol	2.7-14μ	S,Sol	Spec, Struct	Nozoe	BCSJ	28 (1955)	594
$C_{10}H_{14}O_2$	2,4,6-Cycloheptatriene-1-carboxaldehyde dimethyl acetal	2-16μ	L	Spec, Ident	Cope	JACS	76 (1954)	1100
$C_{10}H_{14}O_2$	α-(1-Cyclohexenyl) vinylacetic acid	-	Sol	Band freq	Dreiding	JACS	75 (1953)	3717
$C_{10}H_{14}O_2$	β-Cyclohexyl-$\Delta^{\alpha,\beta}$-butenolide	1550-1850	Sol	Freq, I	Jones	CJC	37 (1959)	2007
$C_{10}H_{14}O_2$	Cyclohexylidene-crotonic acid	-	Sol	Band freq	Dreiding	JACS	75 (1953)	3717
$C_{10}H_{14}O_2$	trans-Δ^6-2-Decynoic acid	-	-	Group freq	Crombie	JCS	- (1952)	4338
$C_{10}H_{14}O_2$	m-Diethoxybenzene	900-3000	Sol	Group freq, Assign	Katritzky	JCS	- (1959)	2062
		700-1700	Sol	Substitution, I	Katritzky	JCS	- (1959)	2058
$C_{10}H_{14}O_2$	o-Diethoxybenzene	1500-5000	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{10}H_{14}O_2$	Dihydroeugenol	3-4μ	L,Sol	Stretch freq	Tallent	AC	28 (1956)	953
$C_{10}H_{14}O_2$	3,6-Dihydroxy-3,6-dimethyl-1,7-octadiyne	-	-	Band freq	Davis	JACS	77 (1955)	3284
$C_{10}H_{14}O_2$	2,7-Dimethyl-3,5-octadiyne-2,7-diol	2-13μ	Sol	Spec, Group freq	Miles	JACS	75 (1953)	5970

$C_{10}H_{14}O_2$	Epoxyumbellulone	-	L	Group freq	Eastman	JACS	76 (1954)	4118
$C_{10}H_{14}O_2$	Hydroquinone diethyl ether	1500-5000	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{10}H_{14}O_2$	α-Hydroxyumbellulone	-	S	Group freq	Eastman	JACS	76 (1954)	4118
$C_{10}H_{14}O_2$	3-Methyl-bicyclo [2:2:1]hepta-5-ene-2-carboxylic acid methyl ester	680-1000	Sol	Struct	Jones	JCS	- (1956)	4073
$C_{10}H_{14}O_2$	6-Methyl-bicyclo [4.3.0]nonane-7,8-dione(8-enol)	-	-	Group freq	Sheehan	JACS	75 (1953)	3997
$C_{10}H_{14}O_2$	ois-8-Methylhydrindan-5,7-dione enol	2-13 μ	Sol	Spec	Conroy	JACS	74 (1952)	3046
$C_{10}H_{14}O_2$	Methyl trans-3-nonen-5-ynoate	-	L	Freq	Crombie	JCS	- (1955)	1007
$C_{10}H_{14}O_2$	Nepetalactone	-	L	Freq	Meinwald	JACS	76 (1954)	4571
$C_{10}H_{14}O_2$	3,3,5-Trimethylcyclo-hexa-1,5-diene-carboxylic acid	-	S	Group freq	Brande	JCS	- (1954)	607
$C_{10}H_{14}O_2$	3,5,5-Trimethylcyclo-hexa-1,3-diene-carboxylic acid	-	S	Group freq	Brande	JCS	- (1954)	607
$C_{10}H_{14}O_2S$	n-Butyl phenyl sulfone	2.5-16 μ	L	Spec, Ident, Anal	Cope	JACS	72 (1950)	59
$C_{10}H_{14}O_2S$	sec-Butyl phenyl sulfone	2.5-15.5 μ	L	Spec, Ident, Anal	Cope	JACS	72 (1950)	59

$C_{10}H_{14}O_2S$	2-Ethynyl-2-hydroxy-cyclohexane-1-spiro-2-(1',3'-oxathiolan)	-	S	Band freq	Jaeger	JCS	-	(1955)	646
$C_{10}H_{14}O_2Si$	Allylbenzylsilane-diol	-	-	Band freq, Assign	Frisch	JACS	74	(1952)	4584
$C_{10}H_{14}O_3$	O-Acetyldimedone	5-10 μ	Sol	Spec, Band freq, Struct	Heymann	JACS	76	(1954)	3689
$C_{10}H_{14}O_3$	4-Acetyl-2,5-dihydro-2,3-diethylfuran-5-one	1000-1800	Sol	Spec, Freq	Lacey	JCS	-	(1960)	3153
$C_{10}H_{14}O_3$	2-Acetyl-5,5-dimethyl-cyclohexane-1,3-dione	3.4-14.2 μ	-	Band freq, I	Birch	JCS	-	(1951)	3026
		5-10 μ	Sol	Spec, Struc	Heymann	JACS	76	(1954)	3689
		1500-2700	L	H bond, Assign	Chan	JCS	-	(1956)	3495
$C_{10}H_{14}O_3$	1-Hydroxy-3,5-diethoxybenzene	700-1000	S,Sol	Substitution effect	Bellamy	JCS	-	(1955)	2818
$C_{10}H_{14}O_3$	1-Hydroxy-1-(3,4-dimethoxyphenyl) ethane	600-4000	L	Spec, Freq	Herzert	JOC	25	(1960)	405
$C_{10}H_{14}O_3$	2-Isobutyrylcyclo-hexane-1,3-dione	-	S,L	Band freq	Roger	JCS	-	(1955)	341
$C_{10}H_{14}O_3$	Methyl 3-(1-hydroxy-cyclohexyl) propynoate	-	Sol	Group freq, I	Allan	JCS	-	(1955)	1874
$C_{10}H_{14}O_3$	Nepetalinic anhydride	-	Sol	Band freq	Mc Elvane	JACS	77	(1955)	1599
$C_{10}H_{14}O_3$	n-Propyl β-(2-furyl) propionate	800-1700	Sol	Freq, Assign	Katritzky	JCS	-	(1959)	657
		800-1500	Sol	Band charact, Assign	Katritzky	SA	16	(1960)	954
		-	-	Band charact, Assign	Katritzky	SA	16	(1960)	964

$C_{10}H_{14}O_3S$	β-Hydroxy-n-propyl p-tolyl sulfone	-	-	Group study	Field	JACS	75 (1953)	5582
$C_{10}H_{14}O_3S$	n-Propyl p-toluene sulfonate	-	-	Band freq	Bomstein	AC	25 (1953)	512
$C_{10}H_{14}O_4$	Cyclohexyl fumarate	2-15 μ	L	Assign, Spec	Walton	JACS	79 (1957)	3985
$C_{10}H_{14}O_4$	2,3-Dimethoxy-5,6-dimethyl-p-benzoquinol	-	-	Group freq	Vischer	JCS	- (1953)	815
$C_{10}H_{14}O_4$	2,7-Dimethyl-3,5-octadiyn-2,7-dihydroperoxide	2-13 μ	Sol	Spec, Group freq	Milas	JACS	75 (1953)	5970
$C_{10}H_{14}O_4$	Ethyl 2,5-dihydro-4,5,5-trimethyl-2-oxofurna-3-carboxylate	1000-1800	Sol	Spec, Freq	Lacey	JCS	- (1960)	3153
$C_{10}H_{14}O_4$	Ethylene glycol dimethacrylate	-	L,S	Group freq, Anal	Loshack	JACS	75 (1953)	3544
$C_{10}H_{14}O_4$	Gliorosein	-	-	Group freq, Struct	Vischer	JCS	- (1953)	815
$C_{10}H_{14}O_4$	Integerrinecic acid lactone (trans-cis)	-	-	Group freq	Adams	JACS	75 (1953)	4631
$C_{10}H_{14}O_4$	1,1,2,2-Tetracetylethane	2.5-6.5 μ	-	Freq, Assign	Martin	JACS	81 (1959)	130
$C_{10}H_{14}O_5$	Jacolinecic monolactone	2-15 μ	S,L	Spec	Bradbury	AJCS	9 (1956)	258
$C_{10}H_{10}O_5$	Jaconecic monolactone	2-15 μ	S,L	Spec	Bradbury	AJC	9 (1956)	258

$C_{10}H_{14}O_5$	α-Longenecic acid	700-4000	-	Spec	Adams	JACS 71 (1949) 1180
		-	-	Spec, Ident	Adams	JACS 73 (1951) 134
		-	-	Band freq, Struct	Adams	JACS 74 (1952) 700
		-	-	Group freq	Adams	JACS 75 (1953) 4638
$C_{10}H_{14}O_5S$	1-O-p-toluenesulfonylglyceritol	800-1620	S	Band freq	Tipson	JACS 74 (1952) 1354
$C_{10}H_{14}O_6$	Jacozinecic acid	2-15 μ	S,L	Spec	Bradbury	AJC 9 (1956) 258
$C_{10}H_{14}O_6$	Riddellic acid	-	-	Group freq	Adams	JACS 75 (1953) 4638
$C_{10}H_{14}S_2$	2-Ethylidenecyclohex-3-ene-1-spiro-2'-(1',3'-dithiolan)	-	L	Band freq	Jaeger	JCS - (1955) 646
$C_{10}H_{14}Si$	Dimethylphenylvinylsilane	3-15 μ	L	Spec	Kozima	BCSJ 27 (1954) 287
$C_{10}H_{15}Br$	8-Bromocamphene	650-3600	-	Spec	Roberts	JACS 71 (1949) 1630
$C_{10}H_{15}BrO$	Bromodihydroumbellulone	2.5-12 μ	Sol	Spec	Eastman	JACS 75 (1953) 1029
$C_{10}H_{15}BrO$	7-Bromo-spiro [4.5] decane-6-one	-	Sol	Group freq, Table	Corey	JACS 75 (1953) 2301
$C_{10}H_{15}ClF_2O_3$	1,3,3-Triethoxy-2-chloro-4,4-difluorocyclobutene-1	2.5-15 μ	L,Sol	Spec, Struct	Park	JACS 73 (1951) 2342
$C_{10}H_{15}ClNO_6S_3$	1-Amino-2-chlorobenzene-4-sulfondisulfondiethylamide	-	-	Spec	Merian	HCA 43 (1960) 1122
$C_{10}H_{15}ClN_2O_3$	5-Ethyl-5-(β-chloroisobutyl) barbituric acid	2-16 μ	S	Spec, Band freq	Skinner	JACS 73 (1951) 3321

$C_{10}H_{15}ClO$	Chrysanthemum monocarboxylic acid chloride	2-15μ	S	Spec	Freeman	AC	27 (1955)	1268
$C_{10}H_{15}F_2NO_2$	3,3-Difluoro-2,4-dioxocyclobutyltriethylammoniumbetaine	0-15μ	S	Spec, Band freq	Prueth	JACS	74 (1952)	1633
$C_{10}H_{15}N$	2-Amino-3-phenylbutane	-	L	Anal, Iso, Freq	Cram	JACS	76 (1954)	5740
$C_{10}H_{15}N$	m-t-Butylaniline	-	Sol	Freq	Bryson	JACS	82 (1960)	4858
$C_{10}H_{15}N$	N-n-Butylaniline	1-12μ	L	Spec	Bell	JACS	47 (1925)	2192
		0.8-2.8μ	L	Spec	Ellis	JACS	49 (1927)	347
		720-758	L	Band freq	Wiberley	AC	22 (1950)	841
$C_{10}H_{15}N$	2-n-Butyl-3-methylpyridine	630-4000	L	Spec, Band freq	Leonard	JOC	18 (1953)	598
$C_{10}H_{15}N$	2-n-Butyl-5-methylpyridine	630-4000	L	Spec, Band freq	Leonard	JOC	18 (1953)	598
$C_{10}H_{15}N$	N,N-Diethylaniline	1-12μ	L	Spec, Group study	Bell	JACS	47 (1925)	2192
		8-2.8μ	L	Spec	Ellis	JACS	49 (1927)	347
		2900-3100	Sol	Freq	Hill	JCS	- (1958)	760
$C_{10}H_{15}N$	2,6-Dimethyl-3-isopropylpyridine	2-15μ	L	Group study, Freq	Podall	AC	29 (1957)	1423
$C_{10}H_{15}N.HCl$	d-Methamphetamine hydrochloride	650-4000	-	Spec	Chatten	AC	31 (1959)	1581
$C_{10}H_{15}N$	2-(1-Methylcyclohexyl) acrylonitrile	-	-	Group freq	Westfahl	JACS	77 (1955)	936
$C_{10}H_{15}N$	2-Methyl-3-t-butylpyridine	2-15μ	Sol	Group study, Table	Podall	AC	29 (1957)	1423

$C_{10}H_{15}N$	2-Methyl-5-t-butyl-pyridine	2-15 μ	Sol	Group study, Table	Podall	AC	29 (1957) 1423
$C_{10}H_{15}N$	2-Methyl-6-t-butyl-pyridine	2-15 μ	Sol	Group study, Table	Podall	AC	29 (1957) 1423
$C_{10}H_{15}NO$	2-Dimethylamino-3,5-dimethylphenol	2.7-3.0 μ	Sol	H bond	Baker	JACS	80 (1958) 5358
$C_{10}H_{15}NO$	Ephedrine	2.5-4 μ	Sol	Spec	Kanzawa	BCSJ	29 (1956) 398
$C_{10}H_{15}NO$	dl-Ephedrine	600-1600	S,Sol	Spec	Kanzawa	BCSJ	29 (1956) 398
		2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957) 403
$C_{10}H_{15}NO$	l-Ephedrine	600-1600	L,S	Spec	Kanzawa	BCSJ	29 (1956) 398
$C_{10}H_{15}NO.HCl$	Ephedrine hydrochloride	650-4000	-	Spec, Group study	Chatten	AC	31 (1959) 1581
$C_{10}H_{15}NO.HCl$	dl-Ephedrine hydrochloride	600-1600	S,Sol	Spec	Kanzawa	BCSJ	29 (1956) 398
		2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957) 403
$C_{10}H_{15}NO.HCl$	l-Ephedrine hydrochloride	600-1600	S	Spec	Kanzawa	BCSJ	29 (1956) 398
$C_{10}H_{15}NO$	N-Ethyl-N-2-hydroxyethylaniline	0.8-2.5 μ	Sol	Spec, Analysis	Whetsel	AC	29 (1957) 1006
$C_{10}H_{15}NO$	trans-β-(4-Methyl-3-cyclohexenyl) acrylamide	650-3800	S	Spec	Snyder	JACS	72 (1950) 4096
$C_{10}H_{15}NO_2$	2-Amino-3-methoxy-3-phenylpropanol-1	2.5-4 μ	Sol	Spec	Kanzawa	BCSJ	29 (1956) 398
$C_{10}H_{15}NO_2$	2-Carbethoxy-3,4,5-trimethylpyrrole	500-4000	S,Sol	Spec, Freq, Assign	Eisner	JCS	- (1958) 971

trimethylpyrrole

$C_{10}H_{15}NO_2$	1,5-Diethoxyaniline	800-2600	Sol	Group study, Substitution	Whetsel	AC	30 (1958)	1598
$C_{10}H_{15}NO_2$	N,N-Di-(2-hydroxyethyl)aniline	1400-2100	Sol	Group study, Freq	Whetsel	AC	30 (1958)	1594
$C_{10}H_{15}NO_2$	Ethyl 2-cyano-3-ethylpent-2-enoate	-	Sol	Struct	Felton	JCS	- (1955)	2170
$C_{10}H_{15}NO_2$	α-Isonitrosocamphor	-	S	Freq	Eastman	JACS	76 (1954)	4118
$C_{10}H_{15}NO_2$	2-Isonitrosodihydroumbellulone	-	S	Freq	Eastman	JACS	76 (1954)	4118
$C_{10}H_{15}NO_2$	cis-9-Methyldecahydroisoquinoline-1,3-dione	2-9μ	Sol	Band freq, Spec	Backmann	JOC	19 (1954)	222
$C_{10}H_{15}NO_2$	trans-9-Methyldecahydroisoquinoline-1,3-dione	2-9μ	Sol	Band freq, Spec	Backmann	JOC	19 (1954)	222
$C_{10}H_{15}NO_2$	cis-10-Methyldecahydroisoquinoline-1,3-dione (and trans)	2-9μ	Sol	Ident, Spec	Backmann	JOC	19 (1954)	222
$C_{10}H_{15}NO_2S$	p-(α)-Aminoethylphenyl ethyl sulfone	-	S	Substitution effect	Momose	CPBT	6 (1958)	412
$C_{10}H_{15}NO_2S.HCl$	p-(β)-Aminoethylphenyl ethyl sulfone hydrochloride	-	S	Substitution effect	Momose	CPBT	6 (1958)	412
$C_{10}H_{15}NO_3$	1,4,4-Triethyl-2,3,5-pyrrolidinetrione	2-16μ	L	Spec	Skinner	JACS	72 (1950)	5569
$C_{10}H_{15}NS$	2-Aminobutyl phenyl sulfide	2.7-8.1μ	L,Sol	Spec, Analysis	Meguerian	JACS	73 (1951)	2121

$C_{10}H_{15}NS$	2-Amino-2-methyl-propyl phenyl sulfide	2.7-8.1 μ	L,Sol	Spec, Analysis	Meguerian	JACS	73 (1951)	2121
$C_{10}H_{15}N_3O_5.HCl$	5-Methylcytosine desoxyriboside hydrochloride	2.5-15 μ	S	Spec, Struct	Dekker	JCS	- (1951)	2864
$C_{10}H_{15}N_5O_5S$	5-Nitroso-6-amino-4-D-xylosidamino-2-methylthiopyrimidine	1450-1800 2-15 μ	S S	H bond, Spec Spec, Group freq, Assign	Brownlie Brownlie	JCS JCS	- (1948) - (1950)	2265 3062
$C_{10}H_{15}N_5O_{10}P_2$	Adenosine diphosphate	-	S	Ident	Khorana	JACS	76 (1954)	3517
$C_{10}H_{15}O_2$	Δ^2-Phellandric acid	-	-	Ident	Frank	JACS	71 (1949)	3889
$C_{10}H_{15}O_2P$	Diethyl benzene-phosphonite	2-21 μ	L	Spec, Struct	Daasch	AC	23 (1951)	853
$C_{10}H_{15}O_3P$	n-Butyl hydrogenphenyl-phosponate	600-5000	L,Sol	Spec, H bond	Peppard	JINC	12 (1960)	60
$C_{10}H_{15}O_3P$	Diethyl phenyl-phosphonate	2-21 μ -	L -	Spec, Struct Freq	Daasch Bell	AC JACS	23 (1951) 76 (1954)	853 5185
$C_{10}H_{15}O_3PS$	Diethyl phenylthio-phosphate	-	-	Freq	Bell	JACS	76 (1954)	5185
$C_{10}H_{15}O_4P$	Diethyl phenyl-phosphate	670-1620 -	L,Sol -	Spec, Freq Freq	Bellamy Bell	JCS JACS	- (1952) 76 (1954)	475 5185
$C_{10}H_{15}P$	Diethylphenyl-phosphine	2-21 μ	L	Spec, Assign	Daasch	AC	23 (1951)	853
$C_{10}H_{16}$	Alloocimene	750-1950	-	Spec	Barnes	IEC	15 (1943)	659

$C_{10}H_{16}$	cis,trans-allo-ocimene	2-16 μ	L	Spec	Bain	JACS	74	(1952) 4292
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726
$C_{10}H_{16}$	trans, trans-Allo-ocimene	2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726
$C_{10}H_{16}$	Bornylene	-	-	Group freq	Mc Bee	JACS	77	(1955) 915
$C_{10}H_{16}$	Camphene	-	-	Ident, Struct	Roberts	JACS	75	(1953) 3165
		-	-	Ident	Vaughan	JACS	75	(1953) 3168
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726
		650-1700	-	Spec	Takeshita	KKZ	59	(1956) 645
$C_{10}H_{16}$	Camphene-8-C^{14}	-	-	Ident, Band freq	Roberts	JACS	75	(1953) 3165
$C_{10}H_{16}$	Δ^3-Carene	3-14 μ	Sol	Spec, Band freq	Cole	JCS	-	(1954) 3807
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726
		-	-	Spec	Naves	BSCF	-	(1960) 2123
$C_{10}H_{16}$	cis-cis-1,3-Cyclo-decadiene	2-15 μ	L	Spec	Blomquist	JACS	77	(1955) 998
$C_{10}H_{16}$	cis-trans-Cyclodeca-1,3-diene	670-3000	-	Spec, Group freq	Fawcett	JCS	-	(1954) 2673
		2-15 μ	L	Spec	Blomquist	JACS	77	(1955) 998
$C_{10}H_{16}$	Cyclodecyne	2-16 μ	-	Spec, Freq	Blomquist	JACS	73	(1951) 5510
		-	L	Spec, Freq	Blomquist	JACS	74	(1952) 3636
		-	L	Band freq	Blomquist	JACS	75	(1953) 2153
$C_{10}H_{16}$	trans-1-Cyclohexyl-1,3-butadiene	5-12.5 μ	L	Spec	Grummitt	JACS	74	(1952) 3924
$C_{10}H_{16}$	2,6-Dimethyl-2-bicyclo [3.2.1] octene	670-1450	L	Spec	Ipatieff	JOC	17	(1952) 272
$C_{10}H_{16}$	d-Limonene	0.5-2 μ	L	Rotatory dispersion	Ingersoll	PR	9	(1917) 257
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726

$C_{10}H_{16}$	dl-Limonene	-	-	Quant mech	Mulliken	JCP	7	(1939) 121
		1000-2000	Sol	Spec	Muller	IEC	13	(1941) 667
		1050-1800	-	Freq, Anal, Spec	Barnes	IEC	15	(1943) 659
		800-1600	L	Spec	Acheson	JCS	-	(1949) 812
		2-16 μ	L	Spec	Bain	JACS	74	(1952) 4292
		-	-	Group freq	Webb	JACS	75	(1953) 4279
		-	-	Analysis	Bryant	JACS	75	(1953) 6113
$C_{10}H_{16}$	l-Lamonene	2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726
$C_{10}H_{16}$	1(7),8-p-Menthadiene	6-12.4 μ	-	Group freq, Band freq	Webb	JACS	75	(1953) 4279
$C_{10}H_{16}$	2,4(8)-Menthadiene	-	-	Analysis	Webb	JACS	75	(1953) 4279
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726
$C_{10}H_{16}$	Δ^3,8(9)-p-Menthadiene	1150-1750	-	Spec	Barnes	IEC	15	(1943) 659
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726
$C_{10}H_{16}$	Myrcene	2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726
$C_{10}H_{16}$	β-Myrcene	-	-	Spec	Naves	BSCF	-	(1960) 2123
$C_{10}H_{16}$	Ocimene	2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726
$C_{10}H_{16}$	cis- $\Delta^{1,2}$-Octalin	-	-	Reference	Benkeser	JACS	77	(1955) 3230
		2-16 μ	L	Spec, Ident	Cope	JACS	77	(1955) 3594
$C_{10}H_{16}$	trans- $\Delta^{1,2}$-Octalin	-	-	Reference	Benkeser	JACS	77	(1955) 3230
		2-16 μ	L	Spec, Ident	Cope	JACS	77	(1955) 3594
$C_{10}H_{16}$	$\Delta^{1,9}$-Octalin	-	-	Ident	Benkeser	JACS	77	(1955) 3230
		2-16 μ	L	Spec, Ident	Cope	JACS	77	(1955) 3594
$C_{10}H_{16}$	$\Delta^{9,10}$-Octalin	-	-	Ident	Benkeser	JACS	77	(1955) 3230
		2-16 μ	L	Spec	Cope	JACS	77	(1955) 3594
$C_{10}H_{16}$	α-Phellandrene	-	-	Quant mech	Brnes	IEC	15	(1943) 659
		1000-1750	-	Spec	Mulliken	JCP	7	(1939) 339
		800-1550	L	Spec	Acheson	JCS	-	(1949) 812

$C_{10}H_{16}$	β-Phellandrene	800-1550	L	Spec	Acheson	JCS	-	(1949)	812
$C_{10}H_{16}$	α-Pinene	0.5-2 μ	L	Rotatory dispersion	Ingersoll	PR	9	(1917)	257
		-	G	Photo chemical effect	Mayer	JACS	49	(1927)	3033
		1000-2000	Sol	Spec	Muller	IEC	13	(1941)	667
		1050-1700	-	Spec, Freq	Barnes	IEC	15	(1943)	659
		2-16 μ	L	Spec	Bain	JACS	74	(1952)	4292
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954)	1726
		650-1700	-	Spec	Takeshita	KKZ	59	(1956)	645
		3-4 μ	L,Sol	Group study	Tallent	AC	28	(1956)	953
$C_{10}H_{16}$	β-Pinene	1000-2000	Sol	Spec	Muller	IEC	13	(1941)	667
		1050-1800	-	Freq, Spec	Barnes	IEC	15	(1943)	659
		2-16 μ	L	Spec	Bain	JACS	74	(1952)	4292
		2-12.5 μ	Sol	Spec, Table, Group freq	O'Connor	AC	26	(1954)	1726
		700-1700	-	Ident	Takeshita	KKZ	59	(1956)	648
		3-4 μ	L,Sol	Group study	Tallent	AC	28	(1956)	953
$C_{10}H_{16}$	α-Pyronene	2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954)	1726
$C_{10}H_{16}$	β-Pyronene	2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954)	1726
$C_{10}H_{16}$	Sylvestrene	-	-	Quant mech	Mulliken	JCP	7	(1939)	121
$C_{10}H_{16}$	α-Terpinene	-	-	Analysis	Webb	JACS	75	(1953)	4279
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954)	1726
$C_{10}H_{16}$	γ-Terpinene	-	-	Analysis	Webb	JACS	75	(1953)	4279
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954)	1726
$C_{10}H_{16}$	Terpinoline	1000-1700	-	Spec	Barnes	IEC	15	(1943)	659
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954)	1726
$C_{10}H_{16}$	α-Thujene	2800-3150	Sol	Spec, Band freq	Cole	JCS	-	(1954)	3807
$C_{10}H_{16}$	Tricyclene	2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954)	1726
$C_{10}H_{16}$	Turpentine (Pinene)	-	L	Absorption	Cartwright	PR	35	(1930)	415

$C_{10}H_{16}DN$	11-Azabicyclo[4.4.1]-1-undecene-11-α_1	2-16μ	L	Spec, Struct	Cope	JACS	77 (1955) 3590
$C_{10}H_{16}ClN_2O_2P$	N,N'-Diethyl-p-chlorophenyl-phosphorodiamidate	-	-	Freq, Assign	Ketelaar	RTC	78 (1959) 190
$C_{10}H_{16}NO_3P$	Diethyl anilino-phosphonate	700-1620	S,Sol	Spec, Freq	Bellamy	JCS	- (1952) 475
		-	-	Freq	Bell	JACS	76 (1954) 5185
$C_{10}H_{16}N_2$	p-Diethylamino-aniline	800-2600	Sol	Struot, Substitution	Whetsel	AC	30 (1958) 1598
$C_{10}H_{16}N_2$	Dihydro-meta-nicotine	2-15μ	Sol,L	Spec, Table	Eddy	AC	26 (1954) 1428
$C_{10}H_{16}N_2$	Sebaconitrile	-	-	Group freq	Kitson	AC	24 (1952) 334
$C_{10}H_{16}N_2O_3$	Butabarbetal	2-16μ	Sol	Spec, Freq	Umberger	AC	24 (1952) 1309
		-	-	Ident	Cleverley	ANA	85 (1960) 582
$C_{10}H_{16}N_2O_3$	Butethal	2-16μ	Sol	Spec, Freq	Umberger	AC	24 (1952) 1309
		2.5-16μ	S	Spec	Levi	AC	28 (1956) 1591
		-	-	Ident	Cleverley	ANA	85 (1960) 582
$C_{10}H_{16}N_2O_4$	5-Ethyl-5(β-hydroxy-isobutyl)barbituric acid	2-16μ	S	Spec	Skinner	JACS	73 (1951) 3321
$C_{10}H_{16}N_2O_4S$	Biotin l-sulfoxide	2-16μ	S	Speo, Ident	Wright	JACS	76 (1954) 4163
$C_{10}H_{16}N_2O_7$	α-Glutamylglutamic acid (LL, LD)	635-5000	S	Assign	Ellenbogen	JACS	78 (1956) 366
$C_{10}H_{16}N_2O_7$	γ-Glutamylglutamic acid (LL, DD)	635-5000	S	Assign	Ellenbogen	JACS	78 (1956) 366
$C_{10}H_{16}N_2O_8$	Ethylenediamine tetraacetic acid	1400-2000	S	Group freq, Struct	Busch	JACS	75 (1953) 4574
		650-3500	S	Spec, Group freq, I	Chapman	JCS	- (1955) 1766

	tetraacetic acid	850-3500	S	Spec, Group freq, I	Chapman	JCS	-	(1955)	1788
$C_{10}H_{16}N_2O_8 \cdot \frac{1}{2}H_2O$	Ethylenediamine tetraacetic acid semihydrate	800-3000	S	Spec, Freq	Sawyer	JACS	80	(1958)	1597
$C_{10}H_{16}N_4O_4S$	6-Amino-4-D-xylosidamino-2-methylthiopyrimidine	2-15 μ	S	Spec, Group freq, Assign	Brownlie	JCS	-	(1950)	3062
$C_{10}H_{16}N_4O_5$	4-Amino-6-D-glucosidaminopyrimidine	2-15 μ	S	Spec, Group freq, Assign	Brownlie	JCS	-	(1950)	3062
$C_{10}H_{16}N_5O_{13}P_3$	Adenosine triphosphate	-	S	Ident	Khorana	JACS	76	(1954)	3517
$C_{10}H_{16}O$	Camphor	0.5-2 μ	Sol	Rotatory Dispersion	Ingersoll	PR	9	(1917)	257
		-	Sol	Rotatory Disperson	Ingersoll	JOSA	5	(1921)	156
		20-130 μ	L	Spec	Barnes	PR	39	(1932)	562
		-	Sol	Group freq	Bartlett	JACS	77	(1955)	2806
$C_{10}H_{16}O$	Citral- α and β	700-1800	L	Spec, Group study	Thompson	JCS	-	(1948)	1412
		15-25 μ	L	Transparent solvent	Marrison	JSI	29	(1952)	233
		-	-	Mixtures	Harfenist	JOC	19	(1954)	1608
$C_{10}H_{16}O$	β-Decalone	-	-	Group freq	Zeiss	JACS	75	(1953)	5935
$C_{10}H_{16}O$	β-Dihydroumbellulone	-	L	Group freq	Eastman	JACS	76	(1954)	4118
$C_{10}H_{16}O$	2,3-Epoxypinane	2-15 μ	Sol	Spec, Struct, Group freq	Bomstein	AC	30	(1958)	544
$C_{10}H_{16}O$	Fenchone	800-1950	-	Freq, Spec	Barnes	IEC	15	(1943)	659
		-	Sol	Group freq	Bartlett	JACS	77	(1955)	2806
$C_{10}H_{16}O$	2-Hydroxymethyl-5-isopropyl-bicyclo [3.1.0]hex-2-ene	-	-	Freq, Assign	Dassler	A	622	(1959)	194

$C_{10}H_{16}O$	8-Methyl-cis-hydrindanone-1	-	Sol	Group freq	Jones	JACS	74	(1952)	5648
$C_{10}H_{16}O$	8-Methyl-trans-hydrindanone-1	-	Sol	Group freq	Jones	JACS	74	(1952)	5648
$C_{10}H_{16}O$	Piperitone	761-3571	L	Group freq	Briggs	JCS	-	(1953)	3788
		700-1700	-	Spec	Le Fevre	JCS	-	(1953)	2496
$C_{10}H_{16}O$	d-Pulegone	-	-	Ident	Eisenbraun	JACS	77	(1955)	3383
$C_{10}H_{16}O$	Spiro [4.5] decane-6-one	-	Sol	Table, Group freq	Corey	JACS	75	(1953)	2301
$C_{10}H_{16}O$	Spiro [4.5] decanone-1	3-13 μ	Sol	Spec	Tinker	JOC	16	(1951)	1417
		-	-	Group freq	Corey	JACS	77	(1955)	5418
$C_{10}H_{16}O$	Triallylcarbinol	-	-	Spec	Michinori	BCSJ	33	(1960)	1600
$C_{10}H_{16}OSi$	Trimethylsilyl-methyl phenyl ether	-	-	Induction effect	Josien	CPR	249	(1959)	826
$C_{10}H_{16}O_2$	Ascaridole	2-16 μ	-	Spec, Struct	Szmant	JACS	71	(1949)	1133
		-	-	Analysis	Maruyamor	JPJ	72	(1952)	927
		650-3100	Sol	Band freq, I	Henbest	JCS	-	(1954)	800
$C_{10}H_{16}O_2$	Chrysanthemum monocarboxylic acid	2-15 μ	S	Spec	Freeman	AC	27	(1955)	1268
$C_{10}H_{16}O_2$	(1,2),(8,9)-Diepoxy-p-menthane	2-15 μ	Sol	Spec, Struct, Group freq	Bomstein	AC	30	(1958)	544
$C_{10}H_{16}O_2$	Dihydronepetalactone	-	-	Band freq	Meinwald	JACS	76	(1954)	4571
$C_{10}H_{16}O_2$	3,7-Dimethyl-2,7-octadienoic acid	600-3800	-	Spec, Group freq	Kappeler	HCA	37	(1954)	957

$C_{10}H_{16}O_2$	Disophenol	700-3500 -	S,Sol S	Spec, Group freq, I Band freq	Le Fevre Hanson	JCS JCS	- -	(1953) 2496 (1954) 4238
$C_{10}H_{16}O_2$	Ethyl(1-cyclohexen-1-yl)acetate	1600-1800	L	Spec, Group freq, Struct	Dauben	JACS	75	(1953) 3352
$C_{10}H_{16}O_2$	Ethyl cyclohexylideneacetate	1600-1800	L	Spec, Group freq, Struct	Dauben	JACS	75	(1953) 3352
$C_{10}H_{16}O$	β-n-Hexyl-$\Delta^{\alpha,\beta}$-butenolide	1550-1850	Sol	Freq, I	Jones	CJC	37	(1959) 2007
$C_{10}H_{16}O_2$	2-Hydroperoxymethyl-5-isopropyl-bicyclo [3.1.0]hex-2-ene	-	-	Freq, Assign	Dassler	A	622	(1959) 194
$C_{10}H_{16}O_2$	dl-Massoialactone	-	L	Ident, Freq	Crombie	JCS	-	(1955) 2535
$C_{10}H_{16}O_2$	Methyl 3(trans), 5(cis)-n-nonadienoate	9-11μ 2-16μ	Sol Sol	Spec, Group freq Spec, Stereo	Celmer Celmer	JACS JACS	75 75	(1953) 1372 (1953) 3430
$C_{10}H_{16}O_2$	Methyl 3(trans), 5(trans)-n-nonadienoate	9-11μ 2-16μ	Sol Sol	Spec, Group freq Spec, Stereo	Celmer Celmer	JACS JACS	75 75	(1953) 1372 (1953) 3430
$C_{10}H_{16}O_2$	Sebacil	2-15μ -	L L	Spec Band freq	Blomquist Blomquist	JACS JACS	74 75	(1952) 3636 (1953) 2153
$C_{10}H_{16}O_2$	3,3,6,6-Tetramethyl-1,2-cyclohexanedione	-	L,S	Band freq	Leonard	JACS	72	(1950) 5388
$C_{10}H_{10}O_3$	1,2-Dihydroxydihydroumbellulone	-	S	Freq	Eastman	JACS	76	(1954) 4418

$C_{10}H_{16}O_3$	Ethyl 5-methylcyclohexanone-2-carboxylate	-	L	Band freq	Leonard	JACS	74 (1952) 4070
$C_{10}H_{16}O_3$	Ethyl 1-methyl-2-oxocyclohexane-1-carboxylate	-	Sol	Freq	Bellamy	JCS	- (1954) 4487
$C_{10}H_{16}O_3$	Ethyl β,β-pentamethyleneglycidate	1600-1800	Sol	Assign, Struct	House	JACS	80 (1958) 6389
$C_{10}H_{16}O_3$	γ-(1-Hydroxycyclohexyl)crotonic acid	-	S	Band freq	Dreiding	JACS	75 (1953) 3717
$C_{10}H_{16}O_3$	Nepatalic acid	-	S,Sol	Band freq	Mc Elvane	JACS	77 (1955) 1599
$C_{10}H_{16}O_3S$	trans-2-Hydroxycyclohexanethiol diacetate	-	-	Ident, Spec	Van Tamelen	JACS	73 (1951) 3444
$C_{10}H_{16}O_4$	1,2-1,2-bis-Ethylenedioxycyclohexane	3.43-13μ	Sol	Table, I	Jaeger	JCS	- (1955) 160
$C_{10}H_{16}O_4$	α-Carbethoxy-α-ethyl-γ-n-valerolactone	2-16μ	L	Spec, Band freq	Skinner	JACS	73 (1951) 3321
$C_{10}H_{16}O_4$	1-Carboxy-4-methylcyclohexyl-1-acetic acid	3.4-10.7μ	-	Table, Iso	Price	JACS	76 (1954) 2301
$C_{10}H_{16}O_4$	Cyclohexane-1,2-di(spiro-2'-1',3'-dioxolan)	3.43-13μ	Sol	Table, I	Jaeger	JCS	- (1955) 160
$C_{10}H_{16}O_4$	Cyclooctane-cis-1,5-dicarboxylic acid	-	-	Ident	Cope	JACS	76 (1954) 6159

$C_{10}H_{16}O_4$	Cyclooctane-trans-1,5-dicarboxylic acid	-	-	Ident	Cope	JACS	76 (1954)	6159
$C_{10}H_{16}O_4$	Diethyl isopropylidenemalonate	-	Sol	Freq	Felton	JCS	- (1955)	2170
		2-15 μ	Sol	Spec, Freq	Abramovitch	CJC	36 (1958)	151
		3-6 μ	S,Sol	Spec	Abramovitch	CJC	37 (1959)	361
$C_{10}H_{16}O_4$	cis-5-Hydroxy-5-methylnorcamphoric acid dimethyl ester	-	-	H bond	Hirisjarvi	SK	30 (1957)	60
$C_{10}H_{16}O_4$	trans-5-Hydroxy-5-methylnorcamphoric acid dimethyl ester	-	-	H bond	Hirisjarvi	SK	30 (1957)	60
$C_{10}H_{16}O_4$	2-Isomeric monomethyl dl-pinate	1600-4000	Sol	Spec, Ident	Francois	BSCF	- (1959)	1606
$C_{10}H_{16}O_4$	Isopropyl fumarate	2-16 μ	L,Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{10}H_{16}O_4$	Isopropyl maleate	2-16 μ	L,Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{10}H_{16}O_4$	Y-Isopropylidenepimelic acid	700-4000	S	Spec, Struct	Frank	JACS	71 (1949)	1387
$C_{10}H_{16}O_4$	trans-1-Methyl-2-carboxycyclohexane-1-acetic acid	-	S	Ident	Shafer	JACS	75 (1953)	5963
$C_{10}H_{16}O_4$	cis-1-Methyl-2-carboxycyclohexane-1-acetic acid	-	S	Ident	Shafer	JACS	75 (1953)	5963
$C_{10}H_{16}O_4$	3-Methylene-1,5-pentanediol diacetate	-	-	Band freq	Blomquist	JACS	77 (1955)	78

$C_{10}H_{16}O_4$	Mepetalinic acid	-	-	Ident	Mc Elvane	JACS	77 (1955)	1599
$C_{10}H_{16}O_4$	Propyl fumarate	2-16 μ	L,Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{10}H_{16}O_4$	Propyl maleate	2-16 μ	L,Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{10}H_{16}O_4$	Tetrahydrofurfuraldehyde dimer	-	-	Band freq, Struct	Bremmer	JCS	- (1949)	527
$C_{10}H_{16}O_5$	1-Carboxy-4-methylcyclohexyl-1-glycolic acid	2.96-12 μ	-	Table, Ident, Iso	Price	JACS	76 (1954)	2301
$C_{10}H_{16}O_5$	Integerrinecic acid (tran-cis)	-	-	Group freq	Adams	JACS	75 (1953)	4631
$C_{10}H_{16}O_5$	Senecic acid	650-3600	S	Spec, Struct	Adams	JACS	71 (1949)	1953
		-	-	Group freq, Struct	Adams	JACS	75 (1953)	4631
$C_{10}H_{16}O_5$	Usaramoensinecic acid (cis-cis)	-	-	Cis configuration	Adams	JACS	75 (1953)	4631
$C_{10}H_{16}O_6$	Isojaconecic acid	2-15 μ	S,L	Spec	Bradbury	AJC	9 (1956)	258
$C_{10}H_{16}O_6$	Jaconecic acid	2-15 μ	S,L	Spec	Bradbury	AJC	9 (1956)	258
$C_{10}H_{16}O_6$	β-Longinecic acid	700-4000	S	Spec	Adams	JACS	71 (1949)	1180
		600-3800	S	Spec	Warren	JACS	72 (1950)	1421
		-	-	Band freq	Adams	JACS	75 (1953)	4638
$C_{10}H_{16}O_6$	β-Methoxyethylfumarate	2-16 μ	L,Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{10}H_{16}O_6$	β-Methoxyethyl maleate	2-16 μ	L,Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{10}H_{16}Si$	n-Butylphenylsilane	-	L,Sol	Group freq, I	Harvey	JACS	76 (1954)	4555
$C_{10}H_{16}Si$	Phenyl-t-butylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651

$C_{10}H_{16}Si$	Trimethyl-m-tolyl-silane	20-160 μ	Sol	Spec, Iso	Clark	JACS	73	(1951) 3798
$C_{10}H_{16}Si$	Trimethyl-o-tolyl-silane	20-160 μ	Sol	Spec, Iso	Clark	JACS	73	(1951) 3798
$C_{10}H_{16}Si$	Trimethyl-p-tolyl-silane	20-160 μ	Sol	Spec, Iso	Clark	JACS	73	(1951) 3798
$C_{10}H_{17}Br$	3-Bromo-cis-cyclodecene	-	L	Ident	Blomquist	JACS	77	(1955) 998
$C_{10}H_{17}Br$	Bromodihydromyrcene	700-1700	L	Spec, Ext coefficient	Bateman	JCS	-	(1950) 3045
$C_{10}H_{17}Br$	2-Bromo-2-methyl-3-nonyne	-	L	Band freq, Spec	Wotiz	JACS	72	(1950) 5055
$C_{10}H_{17}Br$	Geranyl bromide	700-1700	L	Spec, Ext coefficient	Bateman	JCS	-	(1950) 3045
$C_{10}H_{17}BrO$	2-Bromocyclo-decanone	-	Sol	Spec	Lenoard	JACS	80	(1958) 6039
$C_{10}H_{17}Cl$	Bornyl chloride	1050-1600	-	Spec	Barnes	IEC	15	(1943) 659
$C_{10}H_{17}Cl$	Geranyl chloride	700-1750	L	Spec	Barnard	JCS	-	(1950) 915
$C_{10}H_{17}ClO_3$	Octyl chloro-glyoxylate	1740-1800	L	Freq	Simon	JOC	23	(1958) 1078
$C_{10}H_{17}N$	11-Azabicyclo[4.4.1]-1-undecene	2-16 μ	L	Spec, Struct, Group freq	Cope	JACS	77	(1955) 3590
$C_{10}H_{17}N$	Camphenamine	-	Sol	Ident	Van Tamelen	JACS	75	(1953) 1297
$C_{10}H_{17}N$	3-Isopropylidene-2,5,5-trimethyl-pyrroline	-	Sol	Substitution effect	Meyers	JOC	24	(1959) 1233

$C_{10}H_{17}NO$	Geranamide, (α and β)	700-1800	S	Spec, Group study	Thompson	JCS	-	(1948)	1412
$C_{10}H_{17}NO$	Geranamide I	700-1350	S,Sol	Spec, Struct, Group freq	Barnard	JCS	-	(1950)	915
$C_{10}H_{17}NO$	Geranamide II	700-1350	S,Sol	Spec, Struct, Group freq	Barnard	JCS	-	(1950)	915
$C_{10}H_{17}NO$	n-Isobutyl-cis-2-trans-4-hexadienamide	834-1268	S	Table, Band freq	Eisner	JCS	-	(1953)	1372
$C_{10}H_{17}NO$	n-Isobutyl-trans-2-trans-4-hexadienamide	867-1261 -	S S	Table, Band freq Freq	Eisner Crombie	JCS JCS	- -	(1953) (1955)	1372 1007
$C_{10}H_{17}NO_3$	Decahydro-1-naphthyl nitrate	2-15 μ	Sol	Spec, Struct, Ext coefficient	Carrington	SA	16	(1960)	1279
$C_{10}H_{17}NO_3$	Decahydro-2-naphthyl nitrate	2-15 μ	Sol	Spec, Struct, Ext coefficient	Carrington	SA	16	(1960)	1279
$C_{10}H_{17}NO_3$	Ethyl 1-ethyl-4-piperidone-3-carboxylate	-	L	Table, Band freq	Leonard	JACS	74	(1952)	4070
$C_{10}H_{17}NO_3S$	1-2-(5-Carboxypentyl)-4-thiazolidone methyl ester	- -	Sol S,Sol	Band freq Group freq, Struct	Mc Lamore Mc Lamore	JACS JACS	74 75	(1952) (1953)	2946 105
$C_{10}H_{17}NO_3S$	2-Methyl-2-(4-carboxybutyl)-4-thiazolidone methyl ester	-	Sol	Group freq	Pennington	JACS	75	(1953)	109
$C_{10}H_{17}NSi$	Anilinomethyltrimethylsilane	- 2-15 μ	- -	Freq Spec	Noll George	JACS JACS	73 77	(1951) (1955)	3871 3493

$C_{10}H_{17}N_2PS$	N,N-Dimethylbenzene-thiophosphonic diamide	2-21 μ	S	Spec, Struct	Daasch	AC	23 (1951)	853
$C_{10}H_{17}N_3O$	trans-2-cis-6-Nonadienal semi-carbazone	2-22 μ	Sol	Spec	Sondheimer	JACS	74 (1952)	4040
$C_{10}H_{17}N_3O_6S$	Glutathione	-	-	Group freq	Cymerman	JCS	- (1951)	1332
$C_{10}H_{17}N_5O_6$	Pentaglycine	650-2000	S	Spec, Band freq	Blout	JACS	74 (1952)	1946
$C_{10}H_{18}$	cis-Bicyclo[5.3.0] decane	-	-	Band freq	Cope	JACS	77 (1955)	1628
$C_{10}H_{18}$	cis-Cyclodecene	2-15 μ	L	Spec, Ident, Band freq	Blomquist	JACS	74 (1952)	3636
		9.5-13.5 μ	L	Freq, Analysis	Blomquist	JACS	77 (1955)	1001
		-	-	Ident	Cope	JACS	77 (1955)	1628
$C_{10}H_{18}$	trans-Cyclodecene	2-15 μ	L	Spec, Ident, Band freq	Blomquist	JACS	74 (1952)	3636
		9.5-13.5 μ	L	Freq, Analysi	Blomquist	JACS	77 (1955)	1001
		-	-	Ident	Cope	JACS	77 (1955)	1628
$C_{10}H_{18}$	Cyclopentylcyclo-pentane	12.6-14.7 μ	Sol,L	Group study, Struct	Francis	AC	25 (1953)	1466
		3.16-11 μ	Sol	Table, Band freq	Mc Bee	JACS	77 (1955)	4375
$C_{10}H_{18}$	Decahydroazulene	-	-	Group study	Baker	JCS	- (1953)	4149
$C_{10}H_{18}$	cis-Decahydro-naphthalene	2-15 μ	-	Instrument calibration	Crooker	PR	76 (1949)	592
		2-15 μ	L,Sol	Spec	Seidman	AC	23 (1951)	559
		-	-	Ident	Cope	JACS	77 (1955)	1628
		-	-	Ident	Cope	JACS	77 (1955)	3594
$C_{10}H_{18}$	trans-Decahydro-naphthalene	2-15 μ	-	Instrument calibration	Crooker	PR	76 (1949)	592
		8000-9000	Sol	Analysis	Hibbard	AC	21 (1949)	486
		2-15 μ	L,Sol	Spec	Seidman	AC	23 (1951)	559
		15-25 μ	L	Transparent solvent	Marrison	JSI	29 (1952)	233
		-	-	Ident	Cope	JACS	77 (1955)	1628
		-	-	Ident	Cope	JACS	77 (1955)	3594

$C_{10}H_{18}$	Dihydromyrcene	700-1800	-	Spec	Thompson	TFS	41	(1945) 246
		700-1250	L	Spec	Sheppard	JCS	-	(1947) 1540
		700-1800	L	Group study, Spec	Thompson	JCS	-	(1948) 1412
		2-12.5μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726
$C_{10}H_{18}$	2,6-Dimethyl-bicyclo [3.2.1] octane	670-1450	L	Spec	Ipatieff	JOC	17	(1952) 272
		-	-	Ident	Ipatieff	JOC	17	(1952) 485
$C_{10}H_{18}$	1,2-Dimethylcyclo-octene	2-16μ	-	Spec, Struct	Cope	JACS	74	(1952) 179
$C_{10}H_{18}$	1-cis-2-Dimethyl-cis-3-isopropenyl-cyclopentane	6.08-12μ	-	Group freq	Pines	JACS	76	(1954) 4412
$C_{10}H_{18}$	1-trans-2-Dimethyl-cis-3-isopropenyl-cyclopentane	6.07-11μ	-	Band freq	Ipatieff	JACS	75	(1953) 6222
		-	-	Ident, Iso	Pines	JACS	76	(1954) 4412
$C_{10}H_{18}$	3,7-Dimethyl-1,6-octadiene	6.07-15μ	-	Group freq	Pines	JACS	76	(1954) 4412
$C_{10}H_{18}$	1-Ethylcyclooctene	3-14μ	-	Spec, Ident	Craig	JACS	73	(1951) 1191
$C_{10}H_{18}$	1-Ethyl-2-ethylidene-cyclohexane	3-4μ	L,Sol	Group freq	Tallent	AC	28	(1956) 953
$C_{10}H_{18}$	trans-3-Ethylocta-1,5-diene	-	L,S	Ident, Group freq	Harper	JCS	-	(1955) 1512
$C_{10}H_{18}$	Isoborlane	-	-	Analysis	Ipatieff	JACS	73	(1951) 4098
$C_{10}H_{18}$	1-p-Menthene	9.8-13.2μ	-	Analysis, Band freq	Webb	JACS	75	(1953) 4279
$C_{10}H_{18}$	1(7)-p-Menthene	6.08-12.52μ	-	Analysis, Group freq, Band freq	Webb	JACS	75	(1953) 4279
$C_{10}H_{18}$	trans-2-Menthene	650-3500	-	Spec, Struct	Alexander	JACS	71	(1949) 1786

$C_{10}H_{18}$	3-p-Menthene	650-3800	L	Spec, Freq	Frank	JACS	72	(1950) 2985
$C_{10}H_{18}$	4(8)-p-Menthene	650-3800	L	Spec, Freq	Frank	JACS	72	(1950) 2985
$C_{10}H_{18}$	8(9)-p-Menthene	650-3800	L	Spec, Freq	Frank	JACS	72	(1950) 2985
$C_{10}H_{18}$	1-Methyl-1-isopropenyl-cyclohexane	2-16 μ	L	Table, I	Pines	JACS	77	(1955) 2819
$C_{10}H_{18}$	2-Methyl-5-isopropyl-1-methylenecyclopentane	-	-	Band freq	Meinwald	JACS	76	(1954) 4571
$C_{10}H_{18}$	Pinane	850-1560	-	Spec	Barnes	IEC	15	(1943) 659
		-	-	Analysis	Ipatieff	JACS	73	(1951) 4098
		2-12.5 μ	Sol	Spec, Group freq	O'Connor	AC	26	(1954) 1726
$C_{10}H_{18}$	Pinane (opt.rot -11.6) (cis)	-	Sol	Band freq	Fisher	SACS	75	(1953) 3675
$C_{10}H_{18}$	Pinane (opt. rot -20.0) trans	-	Sol	Band freq	Fisher	JACS	75	(1953) 3675
$C_{10}H_{18}$	Thujane	3-14 μ	Sol	Spec, Band freq	Cole	JCS	-	(1954) 3807
$C_{10}H_{18}D_2$	trans-Menthane-2,3-d_2	650-3500	-	Spec, Struct	Alexander	JACS	71	(1949) 1786
$C_{10}H_{18}D_2N_2O_2$	N,N'-Diacetylhexa-methylenediamine-d_2	3-14 μ	S	Freq, Assign, Spec	Sandeman	PRS	232	(1955) 105
$C_{10}H_{18}F_2Cl_2Si$	3-(2',2'-Dichloro-3',3'-difluoro-cyclobutyl)propyl-trimethylsilane	10.85-11.1 μ	-	Freq	Park	JOC	25	(1960) 1628
$C_{10}H_{18}F_3NO$	N,N-Dibutyl-2,2,2-trifluoroethanamide	2-15 μ	L,Sol	Group study, Freq, Assign	Letaw	JCP	21	(1953) 1621
		-	-	Band freq	Berger	JACS	76	(1954) 5552
		-	L	Freq	Robson	JACS	77	(1955) 498
		-	-	Ident	Robson	JACS	77	(1955) 2453

$C_{10}H_{18}F_3NO$	N,N-Diisobutyl-trifluoroacetamide	-	L	Group freq	Robson	JACS	77 (1955) 498
$C_{10}H_{18}F_3O_3B$	Trifluoroacetoxy di-n-butylboronite	1500-1800	L	Group freq, Assign	Duncanson	JCS	- (1958) 3652
$C_{10}H_{18}F_4Si$	3(2',2',3',3'-Tetrafluorocyclobutyl) propyltrimethylsilane	10.8-11.1μ	-	Freq	Park	JOC	25 (1960) 1628
$C_{10}H_{18}IN$	$\Delta^{1(10)}$-Dehydroquinolizidine methiodide	-	S	Band freq	Leonard	JACS	77 (1955) 439
$C_{10}H_{18}INOS$	N,N,N-Trimethyl-2-(5-methoxy-2-thienyl) ethylammonium iodide	-	-	Band freq	Herz	JACS	77 (1955) 3529
$C_{10}H_{18}N_2O_2$	Acetylglycine-N-cyclohexylamide	2.8-3.1μ	Sol	Spec, Struct, Group freq	Mizushima	JACS	76 (1954) 2479
$C_{10}H_{18}N_2O_2$	Cyclohexyl ammonium -β-cyanopropionate	-	-	Group freq	Hurwitz	JACS	77 (1955) 3251
$C_{10}H_{18}N_4O_5$	2-Cyclohexylamino-5,5-dinitro-3-aza-4-oxa-2-hexene	-	S	Group freq, I	Belew	JACS	77 (1955) 1110
$C_{10}H_{18}N_6$	N-(Hexahydro)benzylmelamine	2-16μ	S	Spec, Struct, Assign	Padgett	JACS	80 (1958) 803
$C_{10}H_{18}O$	Cineole	1050-1800 2564-2689	- Sol	Spec H bond, Freq	Barnes Searle	IEC JACS	15 (1943) 659 73 (1951) 3704
$C_{10}H_{18}O$	Citronellal, (α and β)	700-1800 700-1750	L L	Group study, Spec Spec, Analysis	Thompson Carroll	JCS JCS	- (1948)1412 - (1950) 3457

$C_{10}H_{18}O$	Cyclodecanone	2-15 μ	L	Spec	Blomquist	JACS	74	(1952) 3636
		-	-	Ident	Cope	JACS	77	(1955) 1628
		-	-	H bond	Pinchas	AC	29	(1957) 334
		-	Sol	Group freq	Leonard	JACS	80	(1958) 6039
		-	Sol	Stretch freq	Burer	HCA	43	(1960) 1487
$C_{10}H_{18}O$	trans-5-Cyclodecen-1-ol	2-16 μ	Sol	Spec	Cope	JACS	77	(1955) 3594
$C_{10}H_{18}O$	Deca-cis-2-cis-4-dienol	2.5-15 μ	L	Spec, Group assign	Crombie	JCS	-	(1955) 1007
$C_{10}H_{18}O$	Deca-cis-2-trans-4-dienol	2.5-15 μ	L	Spec, Group assign	Crombie	JCS	-	(1955) 1007
$C_{10}H_{18}O$	Deca-trans-2-cis-4-dienol	2.5-15 μ	L	Spec, Group assign	Crombie	JCS	-	(1955) 1007
$C_{10}H_{18}O$	Deca-trans-2-trans-4-dienol	2.5-15 μ	L	Spec, Group assign	Crombie	JCS	-	(1955) 1007
$C_{10}H_{18}O$	cis-α-Decalol	665-5000	L	Group freq	Zeiss	JACS	75	(1953) 897
$C_{10}H_{18}O$	cis-18-2-Decalol	1000-1100	Sol	Spec, Band freq	Dauben	JACS	74	(1952) 5206
$C_{10}H_{18}O$	trans-53°-2-Decalol	1000-1100	Sol	Spec, Band freq	Dauben	JACS	74	(1952) 5256
$C_{10}H_{18}O$	trans-75°-2-Decalol	1000-1100	Sol	Spec, Band freq	Dauben	JACS	74	(1952) 5206
$C_{10}H_{18}O$	cis-105°-2-Decalol	1000-1100	Sol	Spec, Band freq	Dauben	JACS	74	(1952) 5206
$C_{10}H_{18}O$	Dec-1-yn-4-ol	-	-	Freq	Crombie	JCS	-	(1955) 1740
$C_{10}H_{18}O$	1,2-Epoxy-p-menthane	2-15 μ	Sol	Spec, Struct, Freq	Bomstein	AC	30	(1958) 544
$C_{10}H_{18}O$	Fenchyl alcohol	665-5000	L	Group freq	Zeiss	JACS	75	(1953) 897

$C_{10}H_{18}O$	Geraniol (α and β)	700-1800	L	Spec, Group study	Thompson	JCS	-	(1948)	1412
		2-15μ	-	Spec	Saunders	JAP	20	(1949)	953
		700-1800	L	Spec, Group freq, Struct	Barnard	JCS	-	(1950)	915
		700-1750	L	Spec	Carroll	JCS	-	(1950)	3457
		-	-	Component of mixtures	Harpenfst	JOC	19	(1954)	1608
$C_{10}H_{18}O$	4-Hydroxydeca-1,2-diene	-	-	Group freq	Crombie	JCS	-	(1955)	1740
$C_{10}H_{18}O$	2-Hydroxymethyl-6-methyl-bicyclo [3.2.1] octane	670-1450	Sol,L	Spec	Ipatieff	JOC	17	(1952)	272
$C_{10}H_{18}O$	1-(2-Hydroxy-2-propyl)-2-isopropenylcyclobutane		-	Struct, Band freq	Alberman	JCS	-	(1951)	779
$C_{10}H_{18}O$	Isopulegol	700-1750	L	Spec, Struct, Band freq	Carroll	JCS	-	(1950)	3457
		-	-	Group freq	Macbeth	JCS	-	(1952)	4748
$C_{10}H_{18}O.H_2O$	cis-Isopulegol hydrate	-	Sol	Group freq, Band freq	Zimmerman	JACS	75	(1953)	2367
$C_{10}H_{18}O.H_2O$	trans-Isopulegol hydrate	-	Sol	Group freq, Band freq	Zimmerman	JACS	75	(1953)	2367
$C_{10}H_{18}O$	Linalol	700-1800	L	Spec, Group study	Thompson	JCS	-	(1948)	1412
		700-1700	L	Spec, Group freq, Struct	Barnard	JCS	-	(1950)	915
		700-1750	L	Spec, Analysis	Carroll	JCS	-	(1950)	3457
$C_{10}H_{18}O$	d-p-Menth-1-en-4-ol	-	-	Spec	Naves	BSCF	-	(1960)	2123
$C_{10}H_{18}O$	Menthone	1650-1800	Sol	Ext coefficient	Cross	TFS	47	(1951)	354
		700-1700	-	Spec, Group freq	Le Fevre	JCS	-	(1953)	2496

$C_{10}H_{18}O$	2-Methyl-3-nonynol-2	-	L	Spec, Band freq	Wotiz	JACS	72 (1950)	5055
$C_{10}H_{18}O$	Nerol	2-15μ	-	Spec	Saunders	JAP	20 (1949)	953
		700-1800	L	Spec, Group freq, Struct	Barnard	JCS	- (1950)	915
$C_{10}H_{18}O$	cis-Pinanol-2	-	Sol	Band freq, Ident	Fisher	JACS	75 (1953)	3675
$C_{10}H_{18}O$	trans-Pinanol-2	-	Sol	Band freq	Fisher	JACS	75 (1953)	3675
$C_{10}H_{18}O$	2-n-Propylcyclo-heptanone	-	-	Group freq, Ident	Brande	JCS	- (1953)	2202
$C_{10}H_{18}O$	2-Propylidene-cycloheptanol	-	-	Group freq, Band freq	Brande	JCS	- (1953)	2202
$C_{10}H_{18}O$	d-trans-Pulegol	-	-	Group freq, Struct	Macbeth	JCS	- (1952)	4748
$C_{10}H_{18}O$	α-Terpineol	1000-2000	Sol	Spec	Muller	IEC	13 (1941)	667
		1050-1650	-	Spec	Barnes	IEC	15 (1943)	659
$C_{10}H_{18}O$	β-Terpineol	1000-2000	Sol	Spec	Muller	IEC	13 (1941)	667
		1050-1650	-	Spec	Barnes	IEC	15 (1943)	659
$C_{10}H_{18}O$	2,2,5,5-Tetramethyl-3,4-cyclobutano-tetrahydrofuran	-	-	Struct	Alberman	JCS	- (1951)	779
$C_{10}H_{18}O$	2,2,6,6-Tetramethyl-cyclohexanone	400-4000	Sol	Spec, Ext coefficient	Cummins	JCS	- (1957)	3847
$C_{10}H_{18}O$	Thujyl alcohol	665-5000	L	Group freq	Zeiss	JACS	75 (1953)	897
$C_{10}H_{18}O_2$	2-Butyl-3-ethyl-3-butenoic acid	2-16μ	-	Spec, Freq	Wotiz	JACS	74 (1952)	2559
$C_{10}H_{18}O_2$	Cyclopentanone-pinacol	-	Sol	Freq	Kuhn	JACS	74 (1952)	2492

$C_{10}H_{18}O_2$	cis-Decalin-cis-1,2-diol	-	-	Ident	Cope	JACS	77 (1955) 3594
$C_{10}H_{18}O_2$	1,1-Diallyloxybutane	-	Sol	Group freq	Davison	JCS	- (1953) 2607
$C_{10}H_{18}O_2$	Dipivaloyl	-	L,S	Group freq	Leonard	JACS	72 (1950) 5388
		-	L	Band freq	Leonard	JACS	75 (1953) 3300
$C_{10}H_{18}O_2$	β-n-Hexylbutanolide	1550-1850	Sol	Freq	Jones	CJC	37 (1959) 2007
$C_{10}H_{18}O_2$	Hexyl methacrylate	2-15μ	L	Assign, Spec	Walton	JACS	79 (1957) 3985
$C_{10}H_{18}O_2$	cis-p-Menth-2-ene-1,4-diol	650-3100	Sol	Band freq, I	Henbest	JCS	- (1954) 800
$C_{10}H_{18}O_2$	3-Methyl-2-nonenoic acid	5.5-16μ	L,Sol	Spec, Struct	Freeman	JACS	75 (1953) 1859
$C_{10}H_{18}O_2$	dl-Pinanic acid	1600-4000	Sol	Spec, Ident	Francois	BSCF	- (1959) 1606
$C_{10}H_{18}O_2$	dl-Pinolic acid	1600-4000	Sol	Spec, Ident	Francois	BSCF	- (1959) 1606
$C_{10}H_{18}O_2$	Sebacoin	2-15μ	L	Spec	Blomquist	JACS	74 (1952) 3636
		-	L	Band freq	Blomquist	JACS	75 (1953) 2153
$C_{10}H_{18}O_2$	3,3,6,6-Tetramethyl-2-hydroxycyclohexanone	-	L,S	Band freq	Leonard	JACS	72 (1950) 5388
$C_{10}H_{18}O_2S$	2-Ethyl-2-hydroxycyclohexane-1-spiro-2'-1',3'-oxathiolan	-	S	Band freq	Jaeger	JCS	- (1955) 160
$C_{10}H_{18}O_2S_2$	Dibutyl dithiooxalate	2.5-16μ	Sol	Struct	Nyquist	SA	15 (1959) 514
$C_{10}H_{18}O_4$	1,4-Butanediol diallyl ether dioxide	2.5-14μ	L,Sol	Spec, Group freq	Patterson	AC	26 (1954) 823

$C_{10}H_{18}O_4$	Di-n-butyl oxalate	-	Sol	Freq	Hampton	AC	21 (1949)	914
		720-750	L	Band freq	Wiberley	AC	22 (1950)	841
$C_{10}H_{18}O_4$	Diethyl adipate	-	Sol	Band freq	Hampton	AC	21 (1949)	914
		2-15μ	L	Spec	Kendall	APS	7 (1953)	179
		800-1800	L	Spec, Ident	Stafford	AC	26 (1954)	656
		670-3500	L,S	Spec	Corish	JCS	- (1958)	927
$C_{10}H_{18}O_4$	Diethyl n-propyl-malonate	2-15μ	L	Spec, Freq	Abramovitch	CJC	36 (1958)	151
$C_{10}H_{18}O_4$	Dimethyl suberate	670-3500	L,S	Spec	Corish	JCS	- (1958)	927
$C_{10}H_{18}O_4$	Sebacic acid	-	-	Ident	Brown	JACS	77 (1955)	1760
		670-2000	S,L	Spec, Freq	Corish	JCS	- (1955)	2431
		5-15μ	S,L	Struct, Spec	Davies	TFS	56 (1960)	185
$C_{10}H_{18}O_6$	2,3,5,6-Tetra-O-methyl-D-mannono-lactone	1700-1800	S	Freq, Ident	Barker	CIL	- (1958)	658
$C_{10}H_{18}O_6$	Triethylene glycol diacetate	1300-1800	-	Spec	Barnes	IEC	15 (1943)	659
$C_{10}H_{18}O_7S$	Methyl 2-O-mesyl-3,5-O-isopropyl-idene-α-D-xylofuranoside	-	-	Group freq	Baker	JACS	77 (1955)	7
$C_{10}H_{18}O_7S$	Methyl 2-O-mesyl-3,5-O-isopropyl-idene-β,D-xylofuranoside	-	-	Group freq	Baker	JACS	77 (1955)	7
$C_{10}H_{18}O_8$	Diethyl mucate	2-16μ	S	Spec, Group freq, H bond	Tipson	JOC	18 (1953)	952
$C_{10}H_{18}O_8$	2-Methoxyethyl tartarate	2-15μ	L	Spec	Kendall	APS	7 (1953)	179

$C_{10}H_{18}S$	6-Ethyl-2,2,6-trimethylthiocyclohex-3-ene	-	-	Ident	Glazebrook	JCS	-	(1954) 2094
$C_{10}H_{19}Cl$	1-(2-Chloroethyl)-1-ethylcyclohexane	7-14μ	-	Freq	Schmerling	JACS	71	(1949) 698
$C_{10}H_{19}ClFNO$	N,N-Dibutyl-2-chloro-2-fluoroethanamide	2-15μ	L,Sol	Group freq, Assign	Letaw	JCP	21	(1953) 1621
$C_{10}H_{19}Cl_2NO$	N,N-Dibutyl-2,2-dichloroethanamide	2-15μ	L,Sol	Spec, Freq, Group study	Letaw	JCP	21	(1953) 1621
$C_{10}H_{19}F_2NO$	N,N-Dibutyl-2,2-difluoroethanamide	2-15μ	L,Sol	Spec, Freq, Group study	Letaw	JCP	21	(1953) 1621
$C_{10}H_{19}N$	N,n-Butylcyclohexenimine	2-15μ	L	Spec, Band freq	Paris	JACS	74	(1952) 3007
$C_{10}H_{19}N$	1-n-Butyl-2-methyl-Δ^2-tetrahydropyridine	-	L	Group freq	Leonard	JACS	76	(1954) 2781
$C_{10}H_{19}N.HClO_4$	1-n-Butyl-2-methyl-Δ^2-tetrahydropyridine perchlorate	-	S	Group freq	Leonard	JACS	76	(1954) 2781
$C_{10}H_{19}N.HCl$	Geranylamine hydrochloride	700-1700	S	Spec, Struct, Group freq	Barnard	JCS	-	(1950) 915
$C_{10}H_{19}N$	Δ^1-2-Isopropyl-5-methylazacycloheptene	-	-	Band freq	Boyer	JACS	77	(1955) 3287
$C_{10}H_{19}N$	3-Isopropyl-2,5,5-trimethylpyrroline	-	Sol	Substitution effect	Meyers	JOC	24	(1959) 1233
$C_{10}H_{19}N$	N-Methallylidene-1,3-dimethylbutylamine	-	-	Group freq	Smith	JACS	75	(1953) 3316

$C_{10}H_{19}N$	6-Methyl-1-azabicyclo [5.3.0]decane	850-2930	-	Freq, Struct, I	Leonard	JACS	74 (1952)	1700
$C_{10}H_{19}N.HCl$	d-N-Methyl-trans-deca-hydroisoquinoline hydrochloride	2-12μ	Sol	Spec, Analysis	Witkop	JACS	71 (1949)	2559
$C_{10}H_{19}N.HCl$	dl-N-Methyl-cis-deca-hydroisoquinoline hydrochloride	2-12μ	Sol	Spec	Witkop	JACS	71 (1949)	2559
$C_{10}H_{19}N.HCl$	dl-N-Methyl-trans-decahydroisoquinoline hydrochloride	2-12μ	Sol	Spec	Witkop	JACS	71 (1949)	2559
$C_{10}H_{19}N$	3-Methyl-1-piperidine-1-butane	-	-	Spec	Cnitez	A	623 (1959)	112
$C_{10}H_{19}N$	4-Methylquinolizidine	650-3500	-	Spec	Leonard	JACS	73 (1951)	5210
$C_{10}H_{19}N$	1-n-Propylpyrroli-zidine	380-2940	-	Freq, I	Leonard	JACS	74 (1952)	1700
$C_{10}H_{19}NO$	6-Aminocyclodecanone	-	-	Comparasion	Cope	JACS	77 (1955)	3590
$C_{10}H_{19}NO$	3,3-Dimethyl-1-n-pyrrolidyl-2-butanone	-	S,L	Group freq	Leonard	JACS	77 (1955)	3272
$C_{10}H_{19}NO$	Lupinine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
		-	-	Group freq	Thyagarajan	CR	54 (1954)	1019
$C_{10}H_{19}NO$	2-(1-Methylcyclo-hexyl)propionamide	-	-	Ident	Westfahl	JACS	77 (1955)	936
$C_{10}H_{19}NO$	Spirocyclohexane-1,2'-(3'-ethyl)oxazolidine	2-15μ	-	Spec, Struct	Daasch	JACS	13 (1951)	4523
$C_{10}H_{19}NO_2$	1-Ethyl-1-azacyclo-nonan-5-ol-6-one	-	S,Sol	Group freq	Leonard	JACS	76 (1954)	630
		-	S	Band freq	Leonard	JACS	76 (1954)	3463
		-	Sol	Group freq	Leonard	JACS	76 (1954)	5708

$C_{10}H_{19}NO_2$	2-Propyl-3-acetyl-4-ethyloxazolidine	-	L	Group freq	Nace	JACS	75 (1953)	3646
$C_{10}H_{19}NO_2S$	β-t-Butylsulfonyl-α-isopropylpropionitrile	-	-	Spec	Ross	JACS	73 (1951)	540
$C_{10}H_{19}NO_3$	Acetylleucine ethyl ester	2.7-3.6 μ	L,Sol	Spec, Group freq	Mizushima	JACS	75 (1953)	1863
$C_{10}H_{19}NO_6$	Methyl 2-acetamido-2-deoxy-3-O-methyl-α-D-glucopyranoside	-	S	Group freq, I	Barker	JCS	- (1954)	171
$C_{10}H_{19}NS$	β-t-Butylmercapto-α-isopropylpropionitrile	-	-	Spec	Ross	JACS	73 (1951)	540
$C_{10}H_{19}N_3$	4-n-Octyl-v-triazole	2-16 μ	-	Spec, Group freq	Hartzel	JACS	76 (1954)	667
$C_{10}H_{19}N_3O$	2-Methyl-5-isopropylcyclopentanone semicarbazone	2-15 μ	S	Spec, Ident	Meinwald	JACS	76 (1954)	4571
$C_{10}H_{19}N_3O$	3,3,5-Trimethylcyclohexanone semicarbazone	700-3500	S	Ident, Assign	Davison	JCS	- (1955)	3389
$C_{10}H_{19}N_3O_4$	Glycylglycyl-D-leucine	650-2000	S	Spec, Struct	Blout	JACS	74 (1952)	1946
$C_{10}H_{19}N_3O_4$	Glycyl-D-leucylglycine	650-2000	S	Spec, Struct	Blout	JACS	74 (1952)	1946
$C_{10}H_{19}N_3O_4$	D-Leucylglycylglycine	650-2000	S	Spec, Struct	Blout	JACS	74 (1952)	1946
$C_{10}H_{19}O_2$	Methyl 3,3,5-trimethyl-5-hexenoate	3-14 μ	-	Band freq, I	Finch	JACS	73 (1951)	4299

$C_{10}H_{20}$	n-Butylcyclohexane	3.2-3.6 μ	Sol	Spec, Assign	Plyler	JRNB	43 (1949)	3248
		-	-	Group study	Hastings	AC	24 (1952)	612
$C_{10}H_{20}$	sec-Butylcyclohexane	15.5-24 μ	L	Spec	Plyler	JOSA	37 (1947)	746
		3.2-3.6 μ	Sol	Spec, Assign	Plyler	JRNB	43 (1949)	37
		-	-	Group study	Hastings	AC	24 (1952)	612
$C_{10}H_{20}$	t-Butylcyclohexane	3.2-3.6 μ	Sol	Spec, Assign	Plyler	JRNB	43 (1949)	37
		-	-	Group study	Hastings	AC	24 (1952)	612
$C_{10}H_{20}$	Cyclodecane	2-15 μ	L	Spec	Blomquist	JACS	74 (1952)	3636
		-	-	Band freq	Cope	JACS	77 (1955)	3594
		650-1600	S,L	Spec	Billetter	HCA	41 (1958)	338
		450-1500	L,S	Spec	Billetter	HCA	41 (1958)	686
$C_{10}H_{20}$	1-Decene	-	-	Analysis	Hampton	AC	21 (1949)	923
		-	Sol	Optical density	Treumann	AC	21 (1949)	1161
		-	-	Effect of slit width	Philpotts	AC	23 (1951)	268
		-	Sol	Analysis	Simard	AC	23 (1951)	1384
		-	L	Freq	Pines	JACS	77 (1955)	347
		0.9-3 μ	Sol	Spec	Holman	AC	28 (1956)	1533
		-	S	Band assign	Harrah	JCP	33 (1960)	298
$C_{10}H_{20}$	cis-5-Decene	-	-	Ident	Benkeser	JACS	77 (1955)	3378
$C_{10}H_{20}$	trans-5-Decene	-	-	Ident	Benkeser	JACS	77 (1955)	3378
$C_{10}H_{20}$	1,2-Diethylcyclohexane	3-4 μ	L,Sol	Stretch freq	Tallent	AC	28 (1956)	953
$C_{10}H_{20}$	Diisoamylene	3-14 μ	L	Spec	Lecomte	TFS	25 (1929)	864
		-	-	Group freq	Barnes	IEC	15 (1943)	659
$C_{10}H_{20}$	1,2-Dimethylcyclo-octane	2-16 μ	-	Spec	Cope	JACS	74 (1952)	179
$C_{10}H_{20}$	dl-2,2-Dimethyl-1,3-diethylcyclobutane	-	-	Freq, I	Schmidt	JACS	76 (1954)	5426

$C_{10}H_{20}$	1-cis-2-Dimethyl-cis-3-isopropylcyclopentane	6.80-13μ	-	Table	Pines	JACS	76 (1954) 4412
$C_{10}H_{20}$	1-trans-2-Dimethyl-cis-3-isopropylcyclopentane	6.86-13μ	-	Band freq, Table	Ipatieff	JACS	75 (1953) 6222
		-	-	Ident	Pines	JACS	76 (1954) 4412
$C_{10}H_{20}$	1,1-Dimethyl-2-isopropylcyclopentane	700-4000	-	Spec	Stevens	JACS	71 (1949) 1687
$C_{10}H_{20}$	2,6-Dimethyloctene-1	-	-	Group freq, I	Sutherland	JACS	75 (1953) 5944
$C_{10}H_{20}$	2,6-Dimethyloctene-2	-	-	Group freq, I	Sutherland	JACS	75 (1953) 5944
$C_{10}H_{20}$	Ethylcyclooctane	2-16μ	L	Spec, Ident	Cope	JACS	73 (1951) 1195
		3-14μ	-	Spec, Ident	Craig	JACS	73 (1951) 1191
		-	-	Spec, Ident	Cope	JACS	74 (1952) 175
$C_{10}H_{20}$	Isobutylcyclohexane	-	-	Group study	Hastings	AC	24 (1952) 612
$C_{10}H_{20}$	p-Menthane	800-1950	-	Analysis, Spec	Barnes	IEC	15 (1943) 659
$C_{10}H_{20}$	cis-p-Menthane	-	-	Analysis	Webb	JACS	75 (1953) 4279
		2-12.5μ	Sol	Spec, Group freq	O'Connor	AC	26 (1954) 1726
$C_{10}H_{20}$	trans-p-Menthane	650-3500	-	Spec, Struct	Alexander	JACS	71 (1949) 1786
		-	-	Analysis	Webb	JACS	75 (1953) 4279
		2-12.5μ	Sol	Spec, Group freq	O'Connor	AC	26 (1954) 1726
$C_{10}H_{20}$	1-Methyl-1-isopropylcyclohexane	2-16μ	L	Table, I	Pines	JACS	77 (1955) 2819
$C_{10}H_{20}$	1-Methyl-1-n-propylcyclohexane	2-16μ	L	Table, I	Pines	JACS	77 (1955) 2819
$C_{10}H_{20}$	1,2,4,5-Tetramethylcyclohexane	-	-	Group study	Hastings	AC	24 (1952) 612

$C_{10}H_{20}$	2,4,4,5-Tetramethyl-1-hexene	-	-	Group study	Anderson	AC	20	(1948)	998
$C_{10}H_{20}$	2,6,6-Trimethyl-1-heptene	-	-	Group study	Anderson	AC	20	(1948)	998
$C_{10}H_{20}Br_2$	1,10-Dibromodecane	450-1500	L,S	Spec, Assign	Brown	PRS	231	(1955)	555
$C_{10}H_{20}ClNO$	N,N-Dibutyl-2-chloro-ethanamide	2-15 μ	L,Sol	Freq, Assign	Letaw	JCP	21	(1953)	1621
$C_{10}H_{20}Cl_2$	1,10-Diohlorodecane	450-1500	L,S	Spec, Assign	Brown	PRS	231	(1955)	555
$C_{10}H_{20}N_2O_2$	N,N'-Diacetylhexa-methylene diamine	3-14 μ	S	Freq, Assign	Sandeman	PRS	232	(1955)	105
$C_{10}H_{20}N_2O_4$	1,1-Dinitrodecane	-	-	Spec	Novikov	IANS	-	(1959)	1855
$C_{10}H_{20}O$	cis-4-t-Butylcyclo-hexanol	9-11 μ	Sol	Group study	Pickering	JACS	80	(1958)	4931
$C_{10}H_{20}O$	trans-4-t-Butyl-cyclohexanol	9-11 μ	Sol	Group study	Pickering	JACS	80	(1958)	4931
$C_{10}H_{20}O$	Citronellol, (α and β)	700-1800	L	Group study, Spec	Thompson	JCS	-	(1948)	1412
		700-1800	L	Spec, Group study	Barnard	JCS	-	(1950)	915
		700-1750	L	Spec	Carroll	JCS	-	(1950)	3457
		800-1800	-	Spec	Weiner	JACS	74	(1952)	2688
$C_{10}H_{20}O$	Cyclodecanol	2-15 μ	L	Spec	Blomquist	JACS	74	(1952)	3636
$C_{10}H_{20}O$	erythro-3-Cyclohexyl-2-butanol	-	Sol	Analysis	Cram	JACS	75	(1953)	6005
$C_{10}H_{20}O$	β-Cyclooctylethyl alcohol	2-16 μ	L	Spec, Ident	Cope	JACS	75	(1953)	3215

$C_{10}H_{20}O$	5-Decanone	1600-1800	Sol	Group study	Fuson	JACS	76 (1954) 2526
$C_{10}H_{20}O$	1,2-Epoxydecane	2-15 μ	L	Spec, Struct	Shreve	AC	23 (1951) 277
$C_{10}H_{20}O$	p-Menthan-4-ol	3600-3650	Sol	Freq	Cole	JCS	- (1959) 1218
$C_{10}H_{20}O$	trans-p-Menthan-4-ol	1300-3650	Sol	Freq	Cole	JCS	- (1959) 1222
$C_{10}H_{20}O$	Isomenthol	1300-3650	Sol	Freq	Cole	JCS	- (1959) 1222
$C_{10}H_{20}O$	Neomenthol	1300-3650	Sol	Freq	Cole	JCS	- (1959) 1222
$C_{10}H_{20}O$	Neoisomenthol	1300-3650	Sol	Freq	Cole	JCS	- (1959) 1222
$C_{10}H_{20}O$	Menthol	665-5000 1300-3650	L Sol	Group freq Freq	Zeiss Cole	JACS JCS	75 (1953) 897 - (1959) 1222
$C_{10}H_{20}O$	2-Methyl-5-isopropyl-1-hydroxymethyl-cyclopentane	-	-	Group freq	Meinwald	JACS	76 (1954) 4571
$C_{10}H_{20}O$	2-n-Propylcyclo-heptanol	-	-	Band freq	Brande	JCS	- (1953) 2202
$C_{10}H_{20}O$	Vinyl 2-ethylhexyl ether	- 600-4000	Sol G,Sol, S	Group freq Spec, Freq	Davison Mikawa	JCS BCSJ	- (1953) 2607 29 (1956) 110
$C_{10}H_{20}OS$	2-Ethyl-2,3,4,5-tetra-hydro-5-(1-mercapto-1-methylethyl)-2-methylfuran	-	-	Spec	Glazebrook	JCS	- (1954) 2094
$C_{10}H_{20}OS$	Hexylthio butyrate	2.5-16 μ	Sol	Freq, Struct	Nyquist	SA	15 (1959) 514
$C_{10}H_{20}O_2$	2-n-Butylhexanoic acid	6.5-8.5 μ	L	Ident	Guertin	AC	28 (1956) 1194

$C_{10}H_{20}O_2$	2-sec-Butylhexanoic acid	6.5-8.5μ	L	Ident	Guertin	AC	28 (1956) 1194
$C_{10}H_{20}O_2$	cis-Cyclodecane-1,2-diol	-	Sol	Group freq	Kuhn	JACS	76 (1954) 4323
$C_{10}H_{20}O_2$	trans-Cyclodecane-1,2-diol	-	Sol	Group freq	Kuhn	JACS	76 (1954) 4323
$C_{10}H_{20}O_2$	Cycloheptanecarboxaldehyde dimethyl acetal	-	-	Indent	Cope	JACS	76 (1954) 1100
$C_{10}H_{20}O_2$	Decanoic acid	670-3500	L,S	Spec	Corish	JCS	- (1957) 1746
		5.5-6.5μ	Sol	Band freq, Ident	Sawicki	AC	31 (1959) 523
$C_{10}H_{20}O_2$	Ethyl caprylate	1-12μ	Sol	Spec, Ext coefficient	O'Connor	JAOC	28 (1951) 154
$C_{10}H_{20}O_2$	Hydroxycitronellal (predominately citronellal hydrate)	700-1750	L	Spec	Carroll	JCS	- (1950) 3457
$C_{10}H_{20}O_2$	Methyl pelargonate	6.81-14μ	L	Band freq, Group freq, I	Fowler	JOSA	43 (1953) 1054
$C_{10}H_{20}O_2$	Pivaloin	2800-3800	Sol	Spec, H bond	Buswell	JACS	61 (1939) 3252
		-	L,S	Band freq	Leonard	JACS	72 (1950) 5388
		-	-	Group freq	Bartlett	JACS	77 (1955) 2801
$C_{10}H_{20}O_2$	3-n-Propylheptanoic acid	3.5-8.5μ	L	Ident	Guertin	AC	28 (1956) 1194
$C_{10}H_{20}O_3$	2-n-Amyl-2-methyl-4-hydroxymethyl-1,3-dioxolane	750-1300	L	Spec	Boekelheide	JACS	71 (1949) 3303
$C_{10}H_{20}O_3$	2-n-Hexyl-4-hydroxymethyl-1,3-dioxolane	750-1300	L	Spec	Boekelheide	JACS	71 (1949) 3303

$C_{10}H_{20}O_3$	α-Hydroxycyclohexanone diethyl ketal	-	-	Ident	Stevens	JACS	76 (1954)	715
$C_{10}H_{20}O_5$	Methyl 6-deoxy-2,3,4-tri-O-methyl-α,D-galactopyranoside	-	S	Band freq, I	Barker	JCS	- (1954)	3468
$C_{10}H_{20}O_5$	Methyl 6-deoxy-2,3,4-tri-O-methyl-β,D-galactopyranoside	-	S	Band freq, I	Barker	JCS	- (1954)	3468
$C_{10}H_{20}O_5$	Tetramethylolcyclohexanol	700-1500	S	Ident, Spec	Shay	AC	26 (1954)	652
$C_{10}H_{20}O_6$	Methyl 3,4,6-tri-O-methyl-D-fructofuranoside	700-1000	L	Group freq, I	Barker	JCS	- (1954)	4550
$C_{10}H_{20}O_6$	Methyl 2,3,4-tri-O-methyl-α,D-galactopyranoside	-	S	Band freq, I	Barker	JCS	- (1954)	3468
$C_{10}H_{20}O_6$	Methyl 2,3,4-tri-O-methyl-β,D-glucopyranoside	-	S	Band freq, I	Barker	JCS	- (1954)	171
$C_{10}H_{20}O_6$	2,3,4,6-Tetramethyl-D-galactose	8-15μ	S	Spec	Kuhn	AC	22 (1950)	276
$C_{10}H_{20}O_6$	2,3,4,6-Tetramethyl-D-glucose	8-15μ	S	Spec	Kuhn	AC	22 (1950)	276
		-	Sol	Ident	Mc Gilurary	JCS	- (1953)	2577
		-	S	Group freq, I	Barker	JCS	- (1954)	171
		-	-	Ident	Barker	JCS	- (1955)	2096
$C_{10}H_{20}O_6$	2,3,4,6-Tetramethyl-D-mannose	8-15μ	S	Spec	Kuhn	AC	22 (1950)	276
	2-Ethyl-2-methyl-5-	-	-	Band freq, Ident	Glazebrook	JCS	- (1954)	2094

$C_{10}H_{20}S$	2-Ethyl-2-methyl-5-isopropylthiacyclopentane	-	-	Band freq, Ident	Glazebrook	JCS	-	(1954)	2094
$C_{10}H_{20}S$	2-Ethyl-2,6,6-trimethylthiacyclohexane	700-2650	L	Spec	Sheppard	JCS	-	(1947)	1540
		500-1500	L	Spec	Sheppard	TFS	46	(1950)	429
		-	-	Ident	Glazebrook	JCS	-	(1954)	2094
$C_{10}H_{20}S_2$	2-Ethyl-5-(1-mercapto-1-methylethyl)-2-methylthiacyclopentane	-	-	Ident, Band freq	Glazebrook	JCS	-	(1954)	2094
$C_{10}H_{21}DO$	n-Decanol-d_1	-	L	Band freq	Quinan	JCP	21	(1953)	1896
		650-4000	G,L	Band freq, Spec, I	Quinan	AC	26	(1954)	1762
$C_{10}H_{21}Br$	1-Bromodecane	500-1500	L,S	Spec, Iso	Brown	TFS	50	(1954)	535
		-	L	Thermo	Yoshino	CJC	35	(1957)	339
$C_{10}H_{21}ClO_2S$	n-Decanesufonyl chloride	-	-	Spec, Assign	Geiseler	ZE	63	(1959)	1140
$C_{10}H_{21}Cl_3OSi$	Trichlorosilylhexyl butyl ether	-	-	Induction effect	Josien	CPR	249	(1959)	826
$C_{10}H_{21}Cl_3OSi$	Trichlorosilylnonyl methyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{10}H_{21}Cl_3OSi$	Trichlorosilyloctyl ethyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{10}H_{21}Cl_3Si$	n-Decyltrichlorosilane	2-16 μ	Sol	Freq, Spec, Struct	Smith	SA	16	(1960)	87
$C_{10}H_{21}N$	cis-2-n-Butyl-3-methylpiperidine	630-4000	L	Spec, Band freq	Leonard	JOC	18	(1953)	598
$C_{10}H_{21}N$	trans-2-n-Butyl-3-methylpiperidine	630-4000	L	Spec, Band freq	Leonard	JOC	18	(1953)	598

$C_{10}H_{21}N$	t-Nonylamine	2-15 μ	L,Sol	Freq, Assign, NCA	Stewart	JCP	30 (1959)	1259
$C_{10}H_{21}NO$	cis-2-Aminocyclo-decanol	-	Sol	Freq, Assign	Sicher	CCCC	24 (1959)	950
$C_{10}H_{21}NO$	trans-2-Aminocyclo-decanol	-	Sol	Freq, Assign	Sicher	CCCC	24 (1959)	950
$C_{10}H_{21}NO$	N,N-Diisobutyl-acetamide	-	L	Group freq	Robson	JACS	77 (1955)	498
$C_{10}H_{21}NO$	N,N-Di-n-butyl-acetamide	2-15 μ	L,Sol	Group freq, Assign	Letaw	JCP	21 (1953)	1621
		-	L	Group freq	Robson	JACS	77 (1955)	498
		-	Sol	Group freq, I	Thompson	SA	13 (1958)	236
$C_{10}H_{21}NO$	1-Methyl-5-hydroxy-azacyclodecane	-	-	Band freq	Leonard	JACS	74 (1952)	4620
$C_{10}H_{21}NO_3$	n-Decyl nitrate	2-15 μ	Sol	Spec, Struct	Carrington	SA	16 (1960)	1279
$C_{10}H_{21}N_3O$	Diisobutyl ketone semicarbazone	700-3500	S	Ident, Assign	Davison	JCS	- (1955)	3389
$C_{10}H_{21}O_2SB$	n-Octyl ethylenethio-borate	6-14 μ	L,S	Assign, Struct	Blau	JCS	- (1960)	380
$C_{10}H_{21}O_2B$	Acetyl di-n-butyl-boronite	1500-1800	L,Sol	Group freq, Assign	Duncanson	JCS	- (1958)	3652
$C_{10}H_{22}$	n-Decane	2-2.8 μ	L	Spec	Ellis	PR	27 (1926)	298
		0.75-0.92 μ	L	Struct	Barnes	JACS	50 (1928)	1033
		1.1-1.8 μ	L	Spec	Bruun	JRNB	8 (1932)	583
		1.1-1.8 μ	Sol	Spec	Liddel	JRNB	11 (1933)	599
		1100-1800	-	Spec	Barnes	IEC	15 (1943)	659
		-	-	Freq	Kellner	TFS	41 (1945)	217
		6.5-14 μ	L	Spec	Thompson	PRS	184 (1945)	3
		-	Sol	Group study	Hibbard	AC	21 (1949)	486
		-	-	Spec, Freq	Mizushima	JACS	71 (1949)	1320
		-	-	Spec	Simanouti	JCP	17 (1949)	1102

		2-15 μ	L	Spec	Shreve	AC	23 (1951)	277
		-	-	Group study	Hastings	AC	24 (1952)	612
		5600-8800	L	Spec, Group study	Laver	APS	6 (1952)	29
		350-700	L	Table, Freq	Donneaud	CPR	239 (1954)	1480
		-	S	Freq	Stein	JCP	22 (1954)	1993
		-	-	Vib anal	Rosenbaum	JCP	9 (1941)	295
		650-1450	S	Freq, Assign	Tschamler	JCP	22 (1954)	1845
		-	-	Freq	Corish	JCS	- (1955)	2431
		700-3000	Sol	Ext coefficient	Jones	SA	9 (1957)	235
		15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
$C_{10}H_{22}$	2,2-Dimethyloctane	-	-	Freq	Sutherland	JCP	15 (1947)	153
		-	-	Freq	Simpson	PRS	199 (1949)	169
$C_{10}H_{22}$	2,6-Dimethyloctane	2-16 μ	L	Spec	Komarewsky	JACS	72 (1950)	1562
		6.79-13.60 μ	-	Table	Pines	JACS	76 (1954)	4412
$C_{10}H_{22}$	2,7-Dimethyloctane	350-700	L	Table, Freq	Donnaud	CPR	239 (1954)	1480
$C_{10}H_{22}$	2-Methylnonane	5400-8900	Sol	Assign, Spec	Rose	JRNB	19 (1937)	143
		1050-1550	-	Spec	Barnes	IEC	15 (1943)	659
		-	-	Freq	Simpson	PRS	199 (1949)	169
$C_{10}H_{22}$	3-Methylnonane	5400-8900	Sol	Assign, Spec	Rose	JRNB	19 (1937)	143
$C_{10}H_{22}$	4-Methylnonane	5400-8900	Sol	Assign, Spec	Rose	JRNB	19 (1937)	143
$C_{10}H_{22}$	5-Methylnonane	5400-8900	Sol	Assign, Spec	Rose	JRNB	19 (1937)	143
$C_{10}H_{22}$	2,2,3,3,4-Pentamethylpentane	-	-	Freq	Bartlett	JACS	77 (1955)	2806
$C_{10}H_{22}$	2,2,3,3-Tetramethylhexane	-	-	Freq	Bartlett	JACS	77 (1955)	2806
$C_{10}H_{22}$	2,2,3,4-Tetramethyl hexane	5400-8900	Sol	Assign, Spec	Rose	JRNB	19 (1937)	143

$C_{10}H_{22}$	2,2,6-Trimethyl-heptane	1150-1800	-	Spec	Barnes	IEC	15	(1943)	659
$C_{10}H_{22}$	3,3,5-Trimethyl-heptane	5400-8900	Sol	Spec, Assign	Rose	JRNB	19	(1937)	143
$C_{10}H_{22}NO_2B$	Ethylene dibutylamino-boronate	2-14 μ	S	Struct, Group freq	Blau	JCS	-	(1960)	380
$C_{10}H_{22}N_2$	1,2,4,5,5-Hexa-methylpiperazine	2800-3000	L	Group study	Braunholtz	JCS	-	(1958)	2780
$C_{10}H_{22}N_2$	Menthane diamine	2-15 μ	L,Sol	Freq, Assign, NCA	Stewart	JCP	30	(1959)	1259
$C_{10}H_{22}N_2O$	Di-n-amylnitros-amine	5.95-9.22 μ	L	Group freq, I	Haszeldine	JCS	-	(1954)	691
		-	L,Sol	Freq, Assign	Haszeldine	JCS	-	(1954)	4172
$C_{10}H_{22}N_2O_2$	cis-Nitroso-sec-pentane dimer	1000-1450	S	Assign	Gowenlock	JCS	-	(1957)	3927
$C_{10}H_{22}N_2O_2$	trans-Nitroso-sec-pentane dimer	1000-1300	Sol,S	Assign	Gowenlock	JCS	-	(1957)	3927
$C_{10}H_{22}O$	Decanol-1	-	L	Band freq	Quinan	JCP	21	(1953)	1896
		-	L	Group study	Mosher	AC	27	(1955)	517
		0.9-3 μ	Sol	Spec	Holman	AC	28	(1956)	1533
		2.75-3.38 μ	Sol	I	Hughes	JCP	24	(1956)	489
		350-4000	L,Sol	Band freq	Stuart	JCP	24	(1956)	559
		-	Sol	Spec	Black	AC	29	(1957)	169
		-	Sol	Bond dist, I	Moccia	PRS	243	(1958)	154
		3570-3700	Sol	Band freq, I	Flynn	AJC	12	(1959)	575
$C_{10}H_{22}O$	Decanol-2	665-5000	L	Group freq	Zeiss	JACS	75	(1953)	897
$C_{10}H_{22}O$	Decanol-3	665-5000	L	Group freq	Zeiss	JACS	75	(1953)	897
$C_{10}H_{22}O$	Decanol-4	665-5000	L	Group freq	Zeiss	JACS	75	(1953)	897

$C_{10}H_{22}O$	Decanol-5	665-5000	L	Group freq	Zeiss	JACS	75 (1953)	897
$C_{10}H_{22}O$	Di-(3-methylbutyl) ether	800-1500	-	Spec	Barnes	IEC	15 (1943)	659
$C_{10}H_{22}O$	Di-n-pentyl ether	850-1500	-	Spec	Barnes	IEC	15 (1943)	659
$C_{10}H_{22}O$	2,2,4-Trimethyl-3-ethyl-3-pentanol	1-15 μ	L	Spec, H bond	Smith	JRNB	46 (1951)	145
$C_{10}H_{22}O_2$	n-Amyl peroxide	6.74-14 μ	-	Table, I	Welch	JACS	77 (1955)	551
$C_{10}H_{22}O_2$	Decamethylene glycol	2.6-3.2 μ	Sol	H bond	Wall	JACS	61 (1939)	2679
		1050-1800	S	Spec	Barnes	IEC	15 (1943)	659
		700-1500	S	Spec, Ident	Shay	AC	26 (1954)	652
$C_{10}H_{22}O_2$	n-Decyl hydroperoxide	680-1780	Sol	Spec	Philpotts	AC	24 (1952)	638
		5.5-14.5 μ	L	Spec, Group freq	Mosher	AC	27 (1955)	517
$C_{10}H_{22}O_2$	1,2-Dibutoxyethane	720-750	L	Band freq	Wiberley	AC	22 (1950)	841
$C_{10}H_{22}O_2$	Di(t-amyl) peroxide	680-1720	Sol	Spec, Band freq	Philpotts	AC	24 (1952)	638
$C_{10}H_{22}O_2$	1-Ethoxy-2,4,4-trimethylpentan-2-ol	-	-	Ident	Graham	JCS	- (1954)	2180
$C_{10}H_{22}O_2$	Isoamyl peroxide	6.73-13 μ	-	Table I	Welch	JACS	77 (1955)	551
$C_{10}H_{22}O_3$	2-Ethoxymethyl-2,4-dimethyl-1,5-pentanediol	700-1500	L	Spec, Ident	Shay	AC	26 (1954)	652
$C_{10}H_{22}O_4$	5-Hydroxy-4-hydroxy-methylpentanal diethyl acetal	-	Sol	Group freq	Marvel	JACS	75 (1953)	4601
$C_{10}H_{22}O_4S_2$	1-Rhamose diethyl mercapta	8-15 μ	S	Spec	Kuhn	AC	22 (1950)	276

$C_{10}H_{22}O_5S_2$	D-Galactose diethyl mercaptal	8-15 μ	S	Spec	Kuhn	AC	22 (1950)	276
$C_{10}H_{22}O_7$	Dipentaerythritol	700-1500	S	Spec, Ident	Shay	AC	26 (1954)	652
$C_{10}H_{22}S$	Di-n-amyl sulfide	2800-3000	Sol	Group freq, Spec	Pozefsky	AC	23 (1951)	1611
$C_{10}H_{22}S$	Isoamyl sulfide	0.6-2.8 μ	L	Group study	Ellis	JACS	50 (1928)	2113
$C_{10}H_{22}S_2$	Isoamyl disulfide	0.6-2.8 μ	L	Group study	Ellis	JACS	50 (1928)	2113
$C_{10}H_{22}S_2$	2,6-Dimercapto-2,6-dimethyloctane	-	-	Ident	Glazebrook	JCS	- (1954)	2094
$C_{10}H_{23}N$	Di-isoamylamine	1-12 μ	L	Spec	Bell	JACS	49 (1927)	1837
		0.6-2.4 μ	L	Group study	Ellis	JACS	50 (1928)	685
		2-15 μ	L,Sol	Freq, Assign, NCA	Stewart	JCP	30 (1959)	1259
$C_{10}H_{23}N$	Di-n-amylamine	1050-1800	-	Spec	Barnes	IEC	15 (1943)	659
		2-15 μ	L,Sol	Freq, Assign, NCA	Stewart	JCP	30 (1959)	1259
		3.38-3.60 μ	S	Group freq	Wright	JOC	24 (1959)	1362
$C_{10}H_{23}N.HCl$	Diethylhexylamine hydrochloride	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{10}H_{23}NO$	2-Di-n-butylamino-ethanol	-	Sol	Group freq, H bond	Flett	SA	10 (1958)	21
$C_{10}H_{23}N_3O$	N-(1,1,3,3-Tetra-methylbutyl) aminoacetamid-oxime	930-3500	S	Freq	Hollander	JOC	23 (1958)	1112
$C_{10}H_{23}O_3P$	Dineopentyl phosphonate	700-1400	Sol	Spec, Group freq	Bellamy	JCS	- (1952)	475
		-	-	Group freq	Bellamy	JCS	- (1952)	1701
		-	-	Group freq	Bell	JACS	76 (1954)	5785

$C_{10}H_{23}O_3B$	Diethyl n-hexyl-borate	700-1700	L	Spec, Freq	Werner	AJC	9 (1956)	137
$C_{10}H_{23}O_4P$	Diisoamyl hydrogen-phosphate	670-3500	-	Spec, Assign, Table	Bellamy	JCS	- (1953)	728
		600-4000	S	Group study	Braunholtz	JCS	- (1959)	868
$C_{10}H_{23}O_4P$	Di-n-amyl hydrogen-phosphate	670-3500	-	Spec, Assign, Table	Bellamy	JCS	- (1953)	728
		600-4000	S	Group study	Braunholtz	JCS	- (1959)	868
$C_{10}H_{24}NO_2PS$	Diisopropyl diethyl-phosphoramidothionate	600-1080	Sol	Assign	McIvor	CJC	37 (1959)	869
$C_{10}H_{24}NO_2PS$	Di-n-propyl diethyl-phosphoramidothionate	600-1080	Sol	Assign	McIvor	CJC	37 (1959)	869
$C_{10}H_{24}NO_2PS$	O,O-Di-isopropyl diethylphosphoramido-thionate	740-1500	Sol	Assign	McIvor	CJC	37 (1959)	869
$C_{10}H_{24}NO_2PS$	O,O-Di-n-propyl diethyl-phosphoramidothionate	740-1500	Sol	Assign	McIvor	CJC	37 (1959)	869
$C_{10}H_{24}NO_2PS$	Diethyl diisopropyl-phosphoramidothionate	740-1500	Sol	Assign	McIvor	CJC	37 (1959)	869
$C_{10}H_{24}NO_2PS$	O,O-Diethyl diisopropyl-phosphoramidothionate	740-1500	Sol	Assign	McIvor	CJC	37 (1959)	869
$C_{10}H_{24}NO_3P$	Diisopropyl butyl-aminophosphonate	900-1060	Sol	Band freq, I, Group	Halmann	JCS	- (1953)	626
$C_{10}H_{24}NO_3P$	Dimethyl dibutyl-aminophosphonate	900-1060	Sol	Band freq, Group freq, I	Halmann	JCS	- (1953)	626
$C_{10}H_{24}NO_4P$	Diethylcyclohexyl-ammoniumphosphate	-	-	Spec	Maarsen	RTC	76 (1957)	724
$C_{10}H_{24}N_2$	N,N,N',N'-Tetra-ethylethylenediamine	3.38-3.60μ	S	Freq	Wright	JOC	24 (1959)	1362

$C_{10}H_{24}N_6$	N,N'-Dimethyl-N,N'-bis-(2-methylamino-ethyl)oxamidine	3-6.5 μ	Sol	Spec, Group freq	Woodburn	JOC	17 (1952)	1235
$C_{10}H_{24}OSi$	Trimethylsilylhexyl methyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{10}H_{24}OSi$	Trimethylsilyl-pentyl ethyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{10}H_{24}OSi$	Trimethylsilyl-propyl butyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{10}H_{24}O_2Si$	Dimethyldiisobutoxy-silane	750-3000	L	Spec, Assign	Richards	JCS	- (1949)	124
$C_{10}H_{24}O_2Si$	Dimethyldi-n-butoxy-silane	750-1300	L	Spec, Assign	Richards	JCS	- (1949)	124
$C_{10}H_{24}O_3Si$	Methyltriisopropoxy-silane	700-3000	L	Spec, Assign	Richards	JCS	- (1949)	124
$C_{10}H_{24}O_3Si$	Methyltri-n-propoxy-silane	700-3000	L	Spec, Assign	Richards	JCS	- (1949)	124
$C_{10}H_{24}Si$	Diethyldi-n-propyl-silane	-	-	Band freq	George	JACS	77 (1955)	1677
$C_{10}H_{25}NOSi_2$	n-Butylaminocyclo-hexamethyldi-siloxane	2-15 μ	-	Spec	George	JACS	77 (1955)	3493
$C_{10}H_{25}NSi$	N-(Trimethylsilyl-methyl)-n-hexyl-amine	-	-	Group study	Noll	JACS	73 (1951)	3871

$C_{10}H_{25}N_2O_2PS_2$	O-Ethyl-S-β-diethylaminoethyldimethylphosphoramidothioate	600-1050	Sol	Assign	McIvor	CJC	37 (1959)	869
$C_{10}H_{25}N_2O_2PS_2$	O-Ethyl-O-β-diethylaminoethyldimethylphosphoramidothioate	600-1050	Sol	Assign	McIvor	CJC	37 (1959)	869
$C_{10}H_{25}O_7S_3P$	0,0-Diethyl-S-2-ethylmercaptoethylphosphorothiolate methosulfate	-	-	Group freq	Fukuto	JACS	77 (1955)	3670
$C_{10}H_{26}NO_3PS$	Triethylammonium diethylphosphorothioate	740-1500	Sol	Assign	McIvor	CJC	37 (1959)	869
$C_{10}H_{26}O_5Si_2$	Dimethyltetraethoxydisiloxane	600-3500	L	Spec	Okawara	BCSJ	31 (1958)	154
$C_{10}H_{26}Si_2$	1,4-Bis-(trimethylsilyl) butane	839-2920	Sol	Table, I	West	JOC	18 (1953)	1739
$C_{10}H_{27}NOSi_2$	Diethylaminomethyl pentamethyldisiloxane	2-15μ	-	Spec	George	JACS	77 (1955)	3493
$C_{10}H_{28}N_2OSi_2$	Di-(dimethyl-isopropylaminosilicyl) oxide	-	-	Group study, Spec	Noll	JACS	73 (1951)	3871
$C_{10}H_{28}O_4Si_3$	Diethoxyhexamethyltrisiloxane	600-3500	L	Spec	Okawara	BCSJ	31 (1958)	154
$C_{10}H_{30}N_5O_5P_3$	Decamethyl triphosphoramide	-	-	Ident	Tolkmith	JACS	75 (1953)	5270
$C_{10}H_{30}O_3Si_4$	Decamethyltetrasiloxane	2.5-14μ	Sol	Spec	Wright	JACS	69 (1947)	803
		500-1700	L	Spec, Table	Richards	JCS	- (1949)	124
		2-15μ	-	Spec, Thermo	Thompson	JCS	- (1953)	1908

		400-1100	-	Spec	Kriegsmann	ZE	64 (1960)	541
$C_{10}H_{30}O_3Si_4$	3-Trimethylsiloxy-heptamethyltri-siloxane	2.5-14 μ	Sol	Spec	Wright	JACS	69 (1947)	803
$C_{10}H_{30}O_5Si_4$	Dimethoxyoctamethyl-tetrasiloxane	700-3500	L	Spec, Struct	Tanaka	BCSJ	31 (1958)	762
$C_{10}H_{30}O_5Si_5$	Decamethylcyclo-pentasiloxane	2.5-14 μ	Sol	Spec	Wright	JACS	69 (1947)	803
		500-1700	L	Spec, Assign	Richards	JCS	- (1949)	124
		-	Sol	Assign	Kriegsmann	ZAUA	298 (1958)	232
$C_{10}H_{30}O_9Si_4$	Tetramethylhexamethoxy-tetrasiloxane	700-3500	L	Spec, Struct	Tanaka	BCSJ	31 (1958)	762
$C_{10}H_{30}O_{10}$	Ethylene glycol (pentamer)	700-1600	L	Config	Kuroda	JPS	26 (1957)	323
$C_{10}H_{34}O_5Si_6$	Decamethylhexasiloxane	600-3500	L	Spec, Freq	Sakiyama	BCSJ	31 (1958)	67
$C_{10}D_8$	Napthalene-d_8	-	-	Assign	Corrsin	PR	79 (1950)	235
		615-645	G,S	Spec, Assign	Person	JCP	20 (1952)	1913
		350-3800	Sol	Spec, Assign	Lippincott	JCP	23 (1955)	238
		-	-	Assign, Thermo	McClellan	JCP	23 (1955)	245
		500-3400	G,S	Spec, Assign	Person	JCP	23 (1955)	230
		-	-	Assign	Mitra	CJC	37 (1959)	553
		-	-	NCA, Freq, Assign	Freeman	SA	16 (1960)	1393
		-	-	NCA	Scully	SA	16 (1960)	1409
$C_{10}Cl_8O_2$	Ootachloro-3a,4, 7,7a-tetrahydro-4,7-methanoindene-1,8-dione	-	Sol	Group freq	McBee	JACS	77 (1955)	559
$C_{10}Cl_{10}$	Bis-(pentachloro-cyclopentadienyl)	6.28-12.5 μ	Sol	Table, Band freq	McBee	JACS	77 (1955)	4375

$C_{10}Cl_{12}$	Perchloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	6.23-9.86μ	Sol	Table, Band freq	McBee	JACS	77 (1955)	4375
$C_{10}F_{20}N_2$	Perfluorodipiperidyl	2-15μ	L	Spec	Halpern	APS	11 (1957)	173
$C_{10}F_{21}N$	Perfluorodiethyl-aminocyclohexane	2-15μ	Sol	Spec	Halpern	APS	11 (1957)	173

C_{11} COMPOUNDS

$C_{11}H_6Br_2O_2$	3,7-Dibromo-4,5-benz-tropolone	750-1750	S	Spec, Freq	Tarbell	JACS	74 (1952)	1234
$C_{11}H_6F_{14}O_4$	1,3-Propanediol-bis-heptafluorobutyrate	-	L	Freq	Rappaport	JACS	75 (1953)	2695
$C_{11}H_6O_{10}$	Benzenepentacarboxylic acid	2-15μ	S	Spec, Freq assign	Gonzalez	SA	12 (1958)	17
$C_{11}H_7BrO_2$	2-Methyl-3-bromo-1,4-naphthoquinone	1600-1800	Sol	Freq	Josien	JCP	21 (1953)	331
$C_{11}H_7ClO$	β-Naphthylacyl chloride	650-1000	Sol,S	Substitution effect on freq	Wang	SA	15 (1959)	1118
$C_{11}H_7ClO_2$	1-Naphthyl chlorocarbonate	5.62-9.0μ	Sol	Table	Tsou	JACS	76 (1954)	6108
$C_{11}H_7N$	1-Naphthonitrile	1-12μ	L	Spec	Bell	JACS	57 (1935)	1023
		-	-	Freq	Kitson	AC	24 (1952)	334
		-	Sol	Freq, I Ext coeffitient	Skinner	JCS	- (1955)	487
		650-1000	-	Substitution effect on freq	Wang	SA	15 (1959)	1118

$C_{11}H_7N$	2-Naphthonitrile	-	-	Freq	Kitson	AC	24	(1952)	334
		-	Sol	Freq, I, Ext coeffitient	Skinner	JCS	-	(1955)	487
$C_{11}H_7NO$	3,4-Benzphenyl isocyanate	-	Sol	Freq	Caldow	SA	13	(1958)	212
$C_{11}H_7NO$	α-Naphthyl isocyanate	-	Sol	Freq	Davison	JCS	-	(1953)	3712
		-	Sol	Freq, I	Caldow	SA	13	(1958)	212
		650-1000	Sol,S	Freq	Wang	SA	15	(1959)	1118
$C_{11}H_7NO$	β-Naphthyl isocyanate	-	Sol	Freq, I	Davison	JCS	-	(1953)	3712
$C_{11}H_7NO_4$	2(or 3)-Nitro-β,γ-benzotropolone	700-1700	S	Spec, Freq	Nicholls	JACS	74	(1952)	4935
$C_{11}H_7NO_4$	3-Nitro-4,5-benzotropolone	700-1700	S	Spec, Freq, H bond	Tarbell	JACS	74	(1952)	1234
$C_{11}H_7NO_4$	1-Nitro-2-naphthoic acid	700-1700	S	Spec	Tarbell	JACS	74	(1952)	1234
$C_{11}H_7NO_5$	3,8-Dioarboxy-4-hydroxyquinoline	-	-	Ident, Spec	Grundon	JACS	74	(1952)	2637
$C_{11}H_7NS$	α-Naphthyl isothiocyanate	2000-2300	Sol	Freq	Caldow	SA	13	(1958)	212
		600-4000	S	Spec	Ham	SA	16	(1960)	279
$C_{11}H_7NS$	β-Naphthyl isothiocyanate	600-4000	S	Spec	Ham	SA	16	(1960)	279
$C_{11}H_8Br_2O_3$	p-Bromo-β-bromobenzylidenepyruvic acid enol-lactone methyl ether	2.5-13μ	Sol	Spec, Freq, Struct	Stecher	JACS	76	(1954)	503
$C_{11}H_8F_3NO_2$	7-Trifluoromethylindoxyl acetate	700-4000	S,Sol	Freq, Struct, H bond, Assign	Holt	JCS	-	(1958)	1217
$C_{11}H_8N_2$	Methylphenylfumarodinitrile	-	Sol	Freq, I	Felton	JCS	-	(1955)	2170

$C_{11}H_8N_2$	Methylphenylmaleidinitrile	-	Sol	Struct, Freq, I	Felton	JCS	-	(1955)	2170
$C_{11}H_8N_2$	1-Phenylethylidenemalonodinitrile	-	Sol	Freq, Struct	Felton	JCS	-	(1955)	2170
$C_{11}H_8N_2O_2$	p-Nitrophenylpyridine	700-1700	Sol	Freq, Assign	Katritzky	JCS	-	(1959)	2051
$C_{11}H_8N_2O_2$	2-p-Nitrophenylpyridine	700-1700	Sol	Freq, Assign	Katritzky	JCS	-	(1959)	2051
$C_{11}H_8N_2O_2$	3-p-Nitrophenylpyridine	600-3000	Sol	Assign	Katritzky	JCS	-	(1948)	3165
		700-1700	Sol	Freq assign	Katritzky	JCS	-	(1959)	2051
$C_{11}H_8N_2O_2$	4-m-Nitrophenylpyridine	700-1700	Sol	I	Katritzky	JCS	-	(1959)	2058
$C_{11}H_8N_2O_3$	p-Nitrophenylpyridine-N-oxide	700-1700	Sol	Freq, assign	Katritzky	JCS	-	(1959)	2051
$C_{11}H_8N_2O_3$	2-p-Nitrophenylpyridine-N-oxide	700-1700	Sol	Freq assign	Katritzky	JCS	-	(1959)	2051
$C_{11}H_8N_2O_3$	2-m-Nitrophenylpyridine--N-oxide	700-1700	Sol	I	Katritzky	JCS	-	(1959)	2058
$C_{11}H_8N_4O_5$	2-Furaldehyde-2,4-dinitrophenylhydrazone (Red form)	2-15μ	S	Spec, Ident	Jones	AC	28	(1956)	191
$C_{11}H_8N_4O_5$	2-Furaldehyde-2,4-dinitrophenylhydrazone (Yellow form)	2-15μ	S	Spec, Ident	Jones	AC	28	(1956)	191
$C_{11}H_8N_4O_7$	Pyridinium picrate	1400-1700	S	Freq, Struct	Tsubomura	JCP	28	(1958)	355
$C_{11}H_8O$	4,5-Benzotropone	-	Sol	Freq, Struct	Scott	JACS	72	(1950)	240
		700-1750	S	Spec, Freq	Nicholls	JACS	74	(1952)	4935
		-	Sol	Freq	Pavson	CR	55	(1955)	9

$C_{11}H_8O$	α-Naphthaldehyde	1600-3700	Sol	Spec, Freq	Hunsberger	JACS	72	(1950) 5626
		-	-	Reference	Pinchas	AC	27	(1955) 2
		2730-2830	Sol	Freq, H bond	Pinchas	AC	29	(1957) 334
		650-1000	S,Sol	CH out of plane bending	Wang	SA	15	(1959) 1118
$C_{11}H_8O$	β-Naphthaldehyde	1600-3700	Sol	Spec	Hunsberger	JACS	72	(1950) 5626
		-	-	Reference	Pinchas	AC	27	(1955) 2
		2.8-12μ	Sol	Freq, H bond	Pinchas	AC	29	(1957) 334
$C_{11}H_8O_2$	3,4-Benzotropolone	-	Sol	Freq	Bryant	JOC	19	(1954) 1889
$C_{11}H_8O_2$	4,5-Benzotropolone	1250-1800	Sol	Table	Tarbell	JACS	72	(1950) 379
		-	S	Freq	Nicholls	JACS	74	(1952) 4935
		1600-3700	S	Spec, Freq, H bond	Tarbell	JACS	74	(1952) 1234
		-	Sol	Freq	Bryant	JOC	19	(1954) 1889
$C_{11}H_8O_2$	1-Hydroxy-2-naphthaldehyde	650-3800	S	Spec	Hunsberger	JACS	72	(1950) 5626
$C_{11}H_8O_2$	2-Hydroxy-1-naphthaldehyde	650-3800	S	Spec	Hunsberger	JACS	72	(1950) 5626
$C_{11}H_8O_2$	3-Hydroxy-2-naphthaldehyde	650-3800	S	Spec	Hunsberger	JACS	72	(1950) 5626
$C_{11}H_8O_2$	2-Methyl-1,4-naphthoquinone	1600-1800	Sol	Freq	Josien	JCP	21	(1953) 331
$C_{11}H_8O_2$	α-Naphthoic acid	700-4000	S,Sol	Freq, Ext coefficient	Flett	JCS	-	(1951) 962
		-	Sol	Freq	Goulden	SA	6	(1954) 129
		650-1000	Sol,S	Freq	Wang	SA	15	(1959) 1118
$C_{11}H_8O_2$	β-Naphthoic acid	700-4000	S,Sol	Freq	Flett	JCS	-	(1951) 962
		2-12μ	Sol	Spec	Schrecker	JACS	74	(1952) 5669
		-	Sol	Freq	Goulden	SA	6	(1954) 129
		650-1000	S,Sol	Freq	Wang	SA	15	(1959) 1118
$C_{11}H_8O_3$	1,8-Dihydroxy-2-naphthaldehyde	-	Sol	Freq	Hoschstein	JACS	75	(1953) 5455

$C_{11}H_8O_3$	3-Hydroxy-2-methyl-1,4-naphthoquinone	1600-1800	Sol	Freq	Josien	JCP	21	(1953)	331
$C_{11}H_8O_3$	2-Hydroxy-1-naphthoic acid	5.5-6.5μ	Sol	Ident	Sawicki	AC	31	(1959)	523
$C_{11}H_8O_3$	3-Hydroxy-2-naphthoic acid	700-1400	S,L	Freq	Flett	JCS	-	(1951)	962
		-	Sol	Freq	Bellamy	JCS	-	(1954)	4487
$C_{11}H_8O_3$	2-Methoxy-1,4-naphthoquinone	1600-1800	Sol	Freq	Josien	JCP	21	(1953)	331
$C_{11}H_8O_3$	Plumbagin	-	-	Synthesis	Thompson	JCS	-	(1951)	1237
$C_{11}H_8O_3$	2-(2'-Tetroyl)benzoic acid	5.5-6.5μ	Sol	Ident	Sawicki	AC	31	(1959)	523
$C_{11}H_8O_3S_2$	5-Methoxy-2,2'-thenil	-	-	Freq	Sice	JACS	75	(1953)	3697
$C_{11}H_8O_4$	1,8-Dihydroxy-2-naphthoic acid	-	Sol	Freq	Hochstein	JACS	75	(1953)	5455
$C_{11}H_8O_4$	1,8-Dihydroxy-4-naphthoic acid	-	Sol	Freq	Hochstein	JACS	75	(1953)	5455
$C_{11}H_8O_5$	Purpurogallin	700-3700	-	Spec, Freq	LeFevre	JCS	-	(1953)	2496
		-	Sol	Freq	Bryant	JOC	19	(1954)	1889
$C_{11}H_9BrO_3$	3-Bromo-5,6-dihydro-4-hydroxy-6-phenyl-2-pyrone	-	-	Struct	Reid	JCS	-	(1954)	525
$C_{11}H_9ClO_5$	4-Chloro-7-methoxy-3-methyl-3-phthalidecarboxylic acid	-	-	Ident	Hutchings	JACS	74	(1952)	3710
		-	-	Ident	Kushner	JACS	74	(1952)	3710
$C_{11}H_9F_7O_3S$	1,1-Di-H-perfluoro-n-butyl p-toluenesulfonate	-	L	Freq	Tiers	JACS	75	(1953)	5978

$C_{11}H_9N$	2-Phenylpyridine	-	L	Analysis	Dannley	JACS	76	(1954)	445
		-	L	Analysis	Dannley	JACS	76	(1954)	2997
		-	-	Ident	Entel	JACS	77	(1955)	611
		600-4000	Sol	Freq	Katritzky	JCS	-	(1958)	4155
$C_{11}H_9N$	3-Phenylpyridine	-	L	Analysis	Dannley	JACS	76	(1954)	445
		-	L	Analysis	Dannley	JACS	76	(1954)	2997
		-	-	Ident	Entel	JACS	77	(1955)	611
		600-3000	Sol	Assign	Katritzky	JCS	-	(1958)	3165
		600-4000	Sol	Freq	Katritzky	JCS	-	(1958)	4155
$C_{11}H_9N$	4-Phenylpyridine	-	L	Analysis	Dannley	JACS	76	(1954)	445
		-	L	Analysis	Dannley	JACS	76	(1954)	2997
		-	-	Ident	Entel	JACS	77	(1955)	611
		600-4000	Sol	Freq	Katritzky	JCS	-	(1958)	4155
$C_{11}H_9NO$	2-Benzoylpyrrole	-	S,Sol	H bond, Struct	Mirone	AC	48	(1958)	881
$C_{11}H_9NO$	2-Phenylpyridine-1-oxide	600-4000	Sol	Freq	Katritzky	JCS	-	(1958)	4155
$C_{11}H_9NO$	3-Phenylpyridine-1-oxide	600-4000	Sol	Freq	Katritzky	JCS	-	(1958)	4155
		800-3000	Sol	Spec, Freq, I	Katritzky	JCS	-	(1959)	3680
$C_{11}H_9NO$	4-Phenylpyridine-1-oxide	600-3000	Sol	Freq, I	Katritzky	JCS	-	(1958)	3680
		600-4000	Sol	Freq	Katritzky	JCS	-	(1958)	4155
$C_{11}H_9NOS$	Thiofuranilide	600-1700	S,Sol	Spec, Freq, Assign	Hadzi	JCS	-	(1957)	847
$C_{11}H_9NO_2$	5-Acetyl-8-hydroxy-quinoline	3300-3400	Sol	Freq, I, H bond	Badger	JCS	-	(1958)	3437
$C_{11}H_9NO_2$	1-Acetylindole-3-aldehyde	700-4000	S	Spec, Freq	Tanner	SA	9	(1957)	282
$C_{11}H_9NO_2$	α-Amino-β,γ-benzo-tropolone	700-1700	S	Spec, Freq	Nicholls	JACS	74	(1952)	4935
$C_{11}H_9NO_2$	2(or 3)-Amino-β,γ-benzotropolone	700-1700	SQ	Spec, Freq	Nicholls	JACS	74	(1952)	4935

$C_{11}H_9NO_2$	3-Amino-2-naphthoic acid	700-1700	S,L	Freq	Flett	JCS	-	(1951)	962
$C_{11}H_9NO_2$	4-Amino-2-naphthoic acid	-	-	Freq	Adams	JACS	74	(1952)	5562
$C_{11}H_9NO_2$	2-Carbomethoxy-quinoline	1300-1700	Sol	Freq	Katritzky	JCS	-	(1960)	2942
$C_{11}H_9NO_2$	4-Carbomethoxy-quinoline	1300-1700	Sol	Freq	Katritzky	JCS	-	(1960)	2942
$C_{11}H_9NO_2$	6-Carbomethoxy-quinoline	1300-1700	Sol	Freq	Katritzky	JCS	-	(1960)	2942
$C_{11}H_9NO_2$	8-Carbomethoxy-quinoline	1300-1700	Sol	Freq	Katritzky	JCS	-	(1960)	2942
$C_{11}H_9NO_2$	1,2-Naphthoquinone-2-methoxyimine	600-1700	S,Sol	Freq, Assign struct, H bond	Hadzi	JCS	-	(1956)	2725
$C_{11}H_9NO_2$	1,2-Naphthoquinone-1-methoxyimine	600-1700	S,Sol	Freq, Assign, Struct, H bond	Hadzi	JCS	-	(1956)	2725
$C_{11}H_9NO_2S_2$	3-Indolylcarboxymethyl dithioacetate	400-4000	S	Spec, Freq	Bak	ACS	12	(1958)	1451
$C_{11}H_9NO_3$	4-Acetoxycarbostyril	-	Sol	Freq, Ident	Bomstein	JACS	76	(1954)	2760
$C_{11}H_9NO_3$	N-Benzyloxymaleinimide	-	S	Freq	Ames	JCS	-	(1955)	631
$C_{11}H_9NO_3$	3-Carboxy-4-hydroxy-1-phenylpyrrole	2-8 μ	S	I	Davoll	JCS	-	(1953)	3802
$C_{11}H_9NO_3$	5-Methyl-N-acetylisatin	700-4000	-	Assign, Freq	Holt	JCS	-	(1958)	1217
$C_{11}H_9NO_4$	8-Carbomethoxy-2,3-dihydroxyquinoline	5-7 μ	S	Spec	Grundon	JACS	74	(1952)	2637

$C_{11}H_9NO_4$	8-Carbomethoxy-2,4-dihydroxyquinoline	5-7 μ	S	Spec	Grundon	JACS	74 (1952)	2637
$C_{11}H_9NO_4$	5-Carboxymethyl-1-methylisatin	1500-3500	S	Freq, Assign, Struct	Sadler	JCS	- (1959)	667
$C_{11}H_9NO_4$	5-Methoxy-N-acetyl-isatin	700-4000	Sol	Freq	Holt	JCS	- (1958)	1217
$C_{11}H_9N_3$	1-Amino-β-carboline	700-3000	S	Spec, Struct	Snyder	JACS	71 (1949)	527
$C_{11}H_9N_3O_3$	α-m-Nitroanilinopyridine-N-oxide	800-3000	Sol	I	Katritzky	JCS	- (1958)	2195
$C_{11}H_9N_3O_5S$	2-Thio-3-O-nitrophenyl-5-carboxymethyl-hydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{11}H_{10}$	1-Methylazulene	-	-	Review	Gordon	CR	50 (1952)	127
$C_{11}H_{10}$	2-Methylazulene	-	-	Review	Gordon	CR	50 (1952)	127
$C_{11}H_{10}$	5-Methylazulene	-	-	Review	Gordon	CR	50 (1952)	127
$C_{11}H_{10}$	6-Methylazulene	-	-	Review	Gordon	CR	50 (1952)	127
$C_{11}H_{10}$	1-Methylnaphthalene	2.6-3.8 μ	Sol	Spec	Fox	JCS	- (1939)	318
		680-2000	L	Spec	Cannon	SA	4 (1951)	373
		-	-	Analysis	Clark	JACS	74 (1952)	1030
		-	Sol	Freq	Tamres	JACS	74 (1952)	3375
		-	-	Analysis	Hochstein	JACS	75 (1953)	5455
		2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
		15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
		2700-3000	L,G	Freq, Assign	Fuson	BSCF	- (1959)	93
		650-1000	S,Sol	Freq	Wang	SA	15 (1959)	1118
		1375-1530	Sol	Group study, Ext coefficient	Moritz	SA	16 (1960)	74

$C_{11}H_{10}$	2-Methylnaphthalene	2.6-3.8μ	Sol	Spec	Fox	JCS	-	(1939)	318
		660-2010	Sol	Spec	Cannon	SA	4	(1951)	373
		-	-	Analysis	Clark	JACS	74	(1952)	1030
		-	-	Analysis	Hochstein	JACS	75	(1953)	5455
		2700-3000	Sol	Spec	Badger	SA	15	(1959)	672
		15-35μ	S	Spec, Struct	Bentley	SA	15	(1959)	165
		650-1000	S,Sol	Freq	Wang	SA	15	(1959)	1118
$C_{11}H_{10}ClNO$	α-p-Chlorophenyl-α-propionylacetonitrile	-	S	Freq	Chase	JCS	-	(1953)	3518
$C_{11}H_{10}ClNO_3$	6-Carbethoxy-2-chloro-5-oxo-6,7-dihydro-1,5H-pyrindine	-	Sol	I, Freq	Ramirez	JACS	77	(1955)	1035
$C_{11}H_{10}Cl_2N_2O_6$	N-Dichloroacetyl-β-p-nitrophenylserine	-	-	Struct, Freq	Bergmann	JCS	-	(1951)	2673
$C_{11}H_{10}F_{10}O_2S_2$	Pentamethylenedithiol-bis-(pentafluoropropionate)	2-16μ	L	Spec, Freq	Hauptschein	JACS	74	(1952)	4005
$C_{11}H_{10}N_2$	Benzyl-(methyl)-malononitrile	-	-	Freq, I	Westfahl	JACS	75	(1955)	936
$C_{11}H_{10}N_2$	1,3-Dimethyl-2-cyano-indole	650-3900	S	Spec	Snyder	JACS	70	(1948)	1857
$C_{11}H_{10}N_2$	1-Methyl-3-indole-acetonitrile	650-3900	S	Spec	Snyder	JACS	70	(1948)	1857
$C_{11}H_{10}N_2$	m-2-Pyridylaniline	700-1700	Sol	I	Katritzky	JCS	-	(1959)	2058
		-	-	Freq assign, Struct	Katritzky	JCS	-	(1959)	3674
$C_{11}H_{10}N_2$	m-4-Pyridylaniline	700-1700	Sol	I	Katritzky	JCS	-	(1959)	2058
		-	-	Freq assing, Struct	Katritzky	JCS	-	(1959)	3674
$C_{11}H_{10}N_2$	N-4-Pyridylaniline	600-4000	Sol	Freq	Katritzky	JCS	-	(1958)	4155

$C_{11}H_{10}N_2$	p-2-Pyridylaniline	-	-	Freq assign, Struct	Katritzky	JCS	- (1959) 3674
		700-1700	Sol	Freq assign	Katritzky	JCS	- (1959) 2051
$C_{11}H_{10}N_2$	p-3-Pyridylaniline	-	-	Freq assign, Struct	Katritzky	JCS	- (1959) 3674
		700-1700	Sol	Freq assign	Katritzky	JCS	- (1959) 2051
$C_{11}H_{10}N_2$	p-4-Pyridylaniline	-	-	Freq assing, Struct	Katritzky	JCS	- (1959) 3674
$C_{11}H_{10}N_2O$	3-Acetamidoquinoline	1300-1700	Sol	Freq	Katritzky	JCS	- (1960) 2942
$C_{11}H_{10}N_2O$	4-Acetamidoquinoline	1300-1700	Sol	Freq	Katritzky	JCS	- (1960) 2942
$C_{11}H_{10}N_2O$	6-Acetamidoquinoline	1300-1700	Sol	Freq	Katritzky	JCS	- (1960) 2942
$C_{11}H_{10}N_2O$	α-Anilinopyridine-N-oxide	800-3000	Sol	I	Katritzky	JCS	- (1958) 2195
$C_{11}H_{10}N_2O$	Furfural phenylhydrazone	800-1700	Sol	Freq, Assign	Katritzky	JCS	- (1959) 657
$C_{11}H_{10}N_2O$	m-2-Pyridine-N-oxide-aniline	700-1700	Sol	I	Katritzky	JCS	- (1959) 2058
		-	-	Freq assign, Struct	Katritzky	JCS	- (1959) 3674
$C_{11}H_{10}N_2O$	p-2-Pyridine-N-oxide-aniline	-	-	Freq assing, Struct	Katritzky	JCS	- (1959) 3674
$C_{11}H_{10}N_2O_2$	1-Methyl-4-nitromethyl-1,4-dihydroquinoline	650-3500	S	Spec, Band freq	Leonard	JACS	73 (1951) 3325
$C_{11}H_{10}N_2O_3$	Rutonal	2.5-16 μ	S	Spec	Levi	AC	28 (1956) 1591
		-	-	Ident	Cleverley	ANA	85 (1960) 582
$C_{11}H_{10}N_2O_3S$	3-Phenyl-2-thio-5-hydantoin-acetic acid	2.5-15 μ	S,L	Spec, Ident	Ramchandran	AC	27 (1956) 1734
$C_{11}H_{10}N_2O_3S_2$	4-Methyl-3p-nitrobenzoyl-2-thiothiazolidone	-	-	Freq	Clapp	JACS	75 (1953) 1490
$C_{11}H_{10}N_2O_3S_2$	5-Methyl-3-p-nitrobenzoyl-2-thiothiazolidone	-	-	Freq	Clapp	JACS	75 (1953) 1490

$C_{11}H_{10}N_2O_4$	α-Acetamido-p-nitro-acrylophenone	-	-	Freq, Struct	Petrow	JCS	-	(1953)	4066
$C_{11}H_{10}N_2O_4$	Dihydro-2-methyl-4-p-nitrobenzoyloxazole	-	-	Freq, Struct	Petrow	JCS	-	(1953)	4066
$C_{11}H_{10}N_2O_4S$	Iminooxathiolane p-nitrobenzoate	3.35-14.1μ	-	Freq, I, Ident	Price	JACS	75	(1953)	2396
$C_{11}H_{10}N_4O$	4-Phenyl-5-diazoacetyl-pyrazoline	2-12.5μ	Sol	Spec	Wotiz	JOC	20	(1955)	210
$C_{11}H_{10}N_4O_4S$	2-Thio-3-O-nitrophenyl-hydantoin-5-acetamide	600-4000	S	Spec, Ident	Epp	AC	29	(1957)	1283
$C_{11}H_{10}N_4O_8$	α-Ketoglutaric acid 2,4-dinitrophenylhydrazone	1400-1800 1300-1400	- L,S	Ident Spec, Struct	Drew Isherwood	JACS N	74 175	(1952) (1955)	1852 419
$C_{11}H_{10}O$	1-Methoxynaphthalene	650-1000	Sol,S	Freq	Wang	SA	15	(1959)	1118
$C_{11}H_{10}O$	2-Methoxynaphthalene	650-1000	S,Sol	Freq	Wang	SA	15	(1959)	1118
$C_{11}H_{10}O$	2-Phenylcyclopent-2-enone	-	-	Freq	Amiel	JACS	76	(1954)	3625
$C_{11}H_{10}O$	3-Phenyl-2-cyclopentene-1-one	-	S,Sol	Freq, I	Yates	JACS	80	(1958)	5896
$C_{11}H_{10}O_2$	α-Benzylidene-γ-butyrolactone	-	L,S	Freq, Struct	Pinder	JCS	-	(1952)	2236
$C_{11}H_{10}O_2$	Benzocycloheptene-3,7-dione	-	Sol	Freq, Struct	Farmer	JCS	-	(1956)	3600
$C_{11}H_{10}O_2$	Cinnamylideneacetic acid	-	Sol	Group freq	Goulden	SA	6	(1954)	129
$C_{11}H_{10}O_2$	Decadiene-2,8-diyne-4,6-oic acid, methyl ester	0.9-3μ	Sol	Spec	Holman	AC	28	(1956)	1533

$C_{11}H_{10}O_2$	1,2-Dihydro-2-naphthoic acid	2-12 μ	Sol	Spec	Schrecker	JACS	74 (1952) 5669
$C_{11}H_{10}O_2$	1,4-Dihydro-2-naphthoic acid	2-12 μ	Sol	Spec	Schrecker	JACS	74 (1952) 5669
$C_{11}H_{10}O_2$	3,4-Dihydro-2-naphthoic acid	2-12 μ	Sol	Spec	Schrecker	JACS	74 (1952) 5669
$C_{11}H_{10}O_2$	7- α-Furyl-2,4,6-hepta-trienal	1400-2000	Sol	Spec	Blout	JACS	70 (1948) 194
$C_{11}H_{10}O_2$	Matricaria ester	2-16 μ	Sol	Spec	Celmer	JACS	74 (1952) 3838
$C_{11}H_{10}O_2$	5,8-Dimethylcoumarin	-	-	Band freq	Wendler	JACS	73 (1951) 3816
$C_{11}H_{10}O_2$	α-Methyl- γ phenyl- Δ-α,β-butenolide	-	Sol	Freq	Ramirez	JACS	77 (1955) 3768
$C_{11}H_{10}O_2$	α-Methyl-γ-phenyl-Δ-β,γ-butenolide	-	Sol	Freq	Ramirez	JACS	77 (1955) 3768
$C_{11}H_{10}O_2$	5-Phenyl-trans-2,trans-4-pentadienoic acid	-	S	Freq, I	Allan	JCS	- (1955) 1874
$C_{11}H_{10}O_2$	5-Phenyl-2-pentynoic acid	-	Sol	Freq, I	Allan	JCS	- (1955) 1874
$C_{11}H_{10}O_3$	1-Benzoylcyclopropane-carboxylic acid	-	S	Freq, I	Piehl	JACS	75 (1953) 5023
$C_{11}H_{10}O_3$	β-Hydroplumbagin	-	S,Sol	Freq	Thomson	JCS	- (1951) 1237
$C_{11}H_{10}O_3$	6-Phenyl-4-hydroxy-5,6-dihydro-2-pyrone (α and β forms)	2-15 μ	S	Spec	Reid	JACS	73 (1951) 1054
$C_{11}H_{10}O_4$	Deoxygladiolic acid	-	S	Freq	Grove	JCS	- (1952) 3345

$C_{11}H_{10}O_4$	1',4'-Dihydroxybenzocyclo-heptene-3,7-dione	-	Sol	H bond	Farmer	JCS	-	(1956) 3600
$C_{11}H_{10}O_4$	4,6-Dimethoxycoumarin	2-15μ	S,Sol	Spec, Struct	Farmer	SA	15	(1959) 870
$C_{11}H_{10}O_4$	4-Hydroxy-7-methoxy-3-methylcoumarin	2-15μ	S,Sol	Spec, Struct	Farmer	SA	15	(1959) 870
$C_{11}H_{10}O_4$	1,2,3,4-Tetrahydro-5,8-dihydroxy-6-methyl-1,4 dioxonaphthalene	-	Sol	H bond	Farmer	JCS	-	(1956) 3600
$C_{11}H_{10}O_5$	Gladiolic acid	700-1900	S	Spec, Freq, Struct	Grove	JCS	-	(1952) 3345
$C_{11}H_{10}O_5 \cdot H_2O$	Gladiolic acid hemi-hydrate	700-1900	S	Freq, Spec	Grove	JCS	-	(1952) 3345
$C_{11}H_{10}O_5$	Isogladiolic acid	-	S	Freq	Grove	JCS	-	(1952) 3345
$C_{11}H_{10}O_5$	7-Methoxy-3-methyl-3-phthalidecarboxylic acid	-	-	Ident	Kushner	JACS	74	(1952) 3710
$C_{11}H_{10}O_6$	3-Hydroxy-7-methoxy-6-methylphthalide-4-carboxylic acid	-	S	Freq	Grove	JCS	-	(1952) 3345
$C_{11}H_{11}BrO_3$	p-Bromophenacyl propionate	-	-	Ident	Flynn	JACS	76	(1954) 3121
$C_{11}H_{11}ClO$	α-Methyl-α-chlorotetralone	1698	-	Freq	Stevens	JACS	77	(1955) 4590
$C_{11}H_{11}ClO_4$	4-Chloroformyl-5,6-dimethoxyphthalan	11μ	S,Sol	Spec, Freq assign	Allison	JCS	-	(1958) 4311
$C_{11}H_{11}ClO_4$	Methyl 4-chloro-3-hydroxy-7-methoxy-3-methylphthalide, normal ester	-	-	Group study	Boothe	JACS	75	(1953) 3261

$C_{11}H_{11}ClO_4$	Methyl 4-chloro-3-hydroxy -7-methoxy-3-methyl- phthalide, pseudo ester	-	-	Group study	Boothe	JACS	75 (1953) 3261
$C_{11}H_{11}Cl_2NO_4$	N-Dichloroacetyl-β- phenylserine	-	-	Struct, Freq	Bergmann	JCS	- (1951) 2673
$C_{11}H_{11}Cl_2N_2O_7P$	Chloromycetin- α,γ- phosphate	3.05-14.94μS		Freq, I, Group freq	Mosher	JACS	75 (1953) 4899
$C_{11}H_{11}N$	3-Allylindole	770-3080	L	Band freq, Group freq	Brown	JCS	- (1952) 3172
$C_{11}H_{11}N$	β-Cyclooctatetraenyl- ethyl cyanide	2-16μ	L	Spec, Assign	Cope	JACS	75 (1953) 3215
$C_{11}H_{11}N$	2,8-Dimethylquinoline	2-15μ	-	Spec, Out of plane H deformation study	Karr	JACS	81 (1959) 152
$C_{11}H_{11}N$	N-Methyl- α-naphthyl- amine	1-12μ	L	Spec	Bell	JACS	47 (1925) 3039
		0.6-2.3μ	L	Group study	Ellis	JACS	50 (1928) 685
		2900-3100	Sol	Freq	Hill	JCS	- (1958) 760
$C_{11}H_{11}NO$	N-Acetylskatole	2-10μ	-	Spec	Geissman	JACS	74 (1952) 3916
$C_{11}H_{11}NO$	1,4-Dimethylcarbostyril	2-16μ	Sol	Spec, Freq	Cook	JOC	22 (1957) 211
$C_{11}H_{11}NO$	2,4-Dimethyl-8-quinolinol	2-11μ	Sol	Spec	Phillips	JACS	71 (1949) 3984
$C_{11}H_{11}NO$	β-Ethoxy- α-phenylacrylo- nitrile	-	S	Freq	Chase	JCS	- (1953) 3518
$C_{11}H_{11}NO$	1-Formyl-2,3-dimethyl- pyrrocoline	-	-	Group freq	Rossiter	JCS	- (1953) 3654
$C_{11}H_{11}NO$	2-(2'-Hydroxyethyl)- quinoline	1300-1700	Sol	Freq	Katritzky	JCS	- (1960) 2942
$C_{11}H_{11}NO$	3-Indolylacetone	-	L	Group freq	Brown	JCS	- (1952) 3172

$C_{11}H_{11}NO_2$	1-Acetyl-3-hydroxymethyl-indole	700-4000	S	Spec, Freq	Tanner	SA	9 (1957)	282
$C_{11}H_{11}NO_2$	1-Aza-7,8-benzcyclo-octane-di-2,6-one	2-11 μ	Sol	Spec	Witkop	JACS	73 (1951)	2641
$C_{11}H_{11}NO_2$	2,4-Dimethoxyquinoline	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{11}H_{11}NO_2$	4,4-Dimethylhomophthali-mide	600-3500	S,Sol	H bond, Struct	Bluhm	SA	13 (1958)	93
$C_{11}H_{11}NO_2$	1,3-Dimethyl-2-indole-carboxylic acid	650-3900	S	Spec	Snyder	JACS	70 (1948)	1857
$C_{11}H_{11}NO_2$	3,3-Dimethylindolenine -2-carboxylic acid	-	Sol	Freq	Witkop	JACS	75 (1953)	2572
$C_{11}H_{11}NO_2$	4,4-Dimethyl-3-phenyl-isooxazol-5-one	1000-1850	S	Spec, Freq	Angyal	JCS	- (1953)	2181
$C_{11}H_{11}NO_2$	4-Methoxy-1-methyl-2-quinolone	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{11}H_{11}NO_2$	5-Methyl-1-acetyl-indoxyl	700-4000	Sol	Freq, Assign	Holt	JCS	- (1958)	1217
$C_{11}H_{11}NO_2$	5-Methyl-N-acetyl-oxindole	700-4000	Sol	Freq	Holt	JCS	- (1958)	1217
$C_{11}H_{11}NO_2$	1-Methylindoxyl acetate	700-4000	S,Sol	Freq, Struct, Assign	Holt	JCS	- (1958)	1217
$C_{11}H_{11}NO_2$	5-Methylindoxyl acetate	-	S,Sol	Freq, Struct, Assign, H bond	Holt	JCS	- (1958)	1217
$C_{11}H_{11}NO_2$	1-Methyl-3-methoxy-methyleneoxindole	2-11 μ	Sol	Spec	Wenkert	JACS	75 (1953)	5574
$C_{11}H_{11}NO_2$.HBr	2-Phenyl-4,4-dimethyl-5 (4)-oxazolone hydrobro-mide	2-15 μ	Sol	Freq, Struct	Smith	JACS	71 (1949)	1080

$C_{11}H_{11}NO_2$	Propionate indoxyl ester	700-4000	S,Sol	Struct, H bond, Assign, Freq	Holt	JCS	-	(1958)	1217
$C_{11}H_{11}NO_3$	N-Benzyloxysuccinimide	-	S	Freq	Ames	JCS	-	(1955)	631
$C_{11}H_{11}NO_3$	5-Methoxy-1-acetylindoxyl	700-4000	Sol	Freq, Assign	Holt	JCS	-	(1958)	1217
$C_{11}H_{11}NO_3$	6-Methoxy-1-accetylindoxyl	700-4000	Sol	Freq, Assign	Holt	JCS	-	(1958)	1217
$C_{11}H_{11}NO_3S_2$	p-Acetamidophenyl carboxymethyldithio-acetate	400-4000	S	Spec, Freq	Bak	ACS	12	(1958)	1451
$C_{11}H_{11}NO_4$	N-Benzyloxymaleinamic acid	-	S	Group freq	Ames	JCS	-	(1955)	631
$C_{11}H_{11}NO_4$	7,9-Dimethoxyhomophth-alimide	600-3500	S,Sol	Assign, Struct	Bluhm	SA	13	(1958)	93
$C_{11}H_{11}NO_4$	6,7-Dimethoxy-3,4-dihydroxy-isoquinoline	-	-	Spec	Ban	CPBT	8	(1960)	194
$C_{11}H_{11}NO_4$	Ethyl o-nitrocinnamate	800-1600	-	I, Ext coefficient	Katritzky	JCS	-	(1959)	3670
		800-1500	Sol	Assign	Katritzky	SA	16	(1960)	954
$C_{11}H_{11}NO_4$	Ethyl p-nitrocinnamate	1300-1600	S,Sol	Struct	Kross	JACS	78	(1956)	4225
		700-1700	Sol	Freq assign, I	Katritzky	JCS	-	(1959)	2051
		800-1500	Sol	Assign	Katritzky	SA	16	(1960)	954
$C_{11}H_{11}NO_4$	Ethyl β -O-nitrophenyl-acrylate	-	-	Assign	Katritzky	SA	16	(1960)	964
$C_{11}H_{11}NO_4$	Ethyl β -p-nitrophenyl-acrylate	-	-	Assign	Katritzky	SA	16	(1960)	964
$C_{11}H_{11}NO_4$	3-Hydroxymethylene-5,6-dimethoxyoxindole	-	Sol	Freq	Walker	JACS	77	(1955)	3844

$C_{11}H_{11}NO_4$	p-Nitrophenyl-2-propanone enol acetate	850-4000	Sol	Spec	Smith	JACS	75 (1953)	1134
$C_{11}H_{11}NO_4S$	p-Cyanophenyl ethoxy-carbonylmethyl sulfone	-	S	Freq	Momose	CPBT	6 (1958)	412
$C_{11}H_{11}NS_2$	2-(trans-But-2-enylthio) benzothiazole	-	-	Group freq	Moore	JCS	- (1952)	4237
$C_{11}H_{11}NS_2$	3-(trans-But-2-enyl)-2-thiobenzothiazoline	-	-	Freq	Moore	JCS	- (1952)	4237
$C_{11}H_{11}N_3O$	4-Ethylidene-3-amino-1-phenyl-5-pyrazolone	400-4000	-	Freq	Gagnon	CJC	37 (1959)	110
$C_{11}H_{11}N_3O_2$	2-Amino-4-hydroxy-5-benzyloxypyrimidine	650-3600	S	Group study, Struct	Tanner	SA	8 (1956)	9
$C_{11}H_{11}N_3O_2S$	3-Phenyl-2-thio-5-hydantoinacetamide	2.5-15μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
		2.5-15μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{11}H_{11}N_3O_3$	1- 5-(1,3-Dimethyl-2,4,6-trioxohexahydro-pyrimidyl) pyridinium betaine	-	-	Ident	Taylor	JOC	20 (1955)	264
$C_{11}H_{11}N_3O_3$	1-Phenyl-4,4-dicarboxamido-2-azetidinone	2-11μ	S,Sol	Spec	Sheehan	JACS	73 (1951)	1761
$C_{11}H_{11}N_3O_3S$	2-(p-Sulfonamidophenyl) -4-methyl-6-keto-5,6-dihydropyrimidine	-	S	Group freq, Struct	Bergmann	JOC	18 (1953)	64
$C_{11}H_{11}N_3O_6$	DNP-L-Proline	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469
$C_{11}H_{11}N_3O_7$	DNP-hydroxy-L-proline	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469
$C_{11}H_{11}N_3O_7$	DNP-p-hydroxy-L-proline	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469

$C_{11}H_{11}N_5S$	2-Amino-4-anilino-6-vinyl-1,3,5-triazine	-	-	Ident, Freq	Overberger	JACS	76 (1954)	1061
$C_{11}H_{12}$	1-Phenylcyclopentene	3-4 μ	Sol	Freq	Tallent	AC	28 (1956)	953
$C_{11}H_{12}$	3-Phenylcyclopentene	3-4 μ	Sol	Freq	Tallent	AC	28 (1956)	953
$C_{11}H_{12}BrNO_3S$	1-p-Bromophenylmercapturic acid	2-15 μ	S,Sol	Spec, Struct	Fuson	JACS	74 (1952)	1
$C_{11}H_{12}ClNO$	Acetylacetone-m-chloranil	-	-	Group freq	Edwards	JCS	- (1954)	2853
$C_{11}H_{12}ClNO$	Acetylacetone-o-chloranil	-	-	Group freq	Edwards	JCS	- (1954)	2853
$C_{11}H_{12}ClNO$	Acetylacetone-p-chloranil	-	-	Group freq	Edwards	JCS	- (1954)	2853
$C_{11}H_{12}ClNO_3S$	1-p-Chlorophenylmercapturic acid	2-15 μ	S,Sol	Spec, Analysis	Fuson	JACS	74 (1952)	1
$C_{11}H_{12}FNO_3S$	1-p-Fluorophenylmercapturic acid	2-15 μ	S,Sol	Spec, Analysis	Fuson	JACS	74 (1952)	1
$C_{11}H_{12}INO$	4-Methoxy-1-methylquinolinium iodide	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{11}H_{12}INO_3S$	1-p-Iodophenylmercapturic acid	2-15 μ	S,Sol	Spec, Analysis, Struct	Fuson	JACS	74 (1952)	1
$C_{11}H_{12}N_2$	2-Phenyl-3,5-dimethylpyrazole	680-3000	Sol	Spec, Iso, Struct	Charette	SA	15 (1959)	70
$C_{11}H_{12}N_2OS_2$	2-Benzothiazolylsulfenomorpholide	2800-3500	Sol	Spec, Freq, Struct	Flett	JCS	- (1953)	347
$C_{11}H_{12}N_2O_2$	Diacetylformaldehyde phenylhydrazone	650-4000	S,Sol	Group freq, H bond	Tanner	SA	15 (1959)	20
$C_{11}H_{12}N_2O_2$	3-Isopropylbenzoylene urea	2-16 μ	S	Spec, Group freq	Staiger	JOC	18 (1953)	1427

$C_{11}H_{12}N_2O_2$	2-Methyl-3-(2-nitroethyl)-indole	-	S	Freq	Noland	JACS	81	(1959) 1203
$C_{11}H_{12}N_2O_2$	3-(1-Methyl-2-nitroethyl) indole	-	S,Sol	Freq	Noland	JACS	77	(1955) 456
$C_{11}H_{12}N_2O_2$	3-n-Propylbenzoylene-urea	2-16μ	S	Spec, Group freq	Staiger	JOC	18	(1953) 1427
$C_{11}H_{12}N_2O_2$	Tryptophan	-	S	Ident	Snyder	JACS	77	(1955) 1257
		600-4000	S	Ident	Epp	AC	29	(1957) 1283
$C_{11}H_{12}N_2O_2S$	2-(p-Acetamidophenyl) -4-thiazolidone	-	Sol	Freq	Pennigton	JACS	75	(1953) 109
$C_{11}H_{12}N_2O_2S$	5-1'-Hydroxyethyl-3-phenyl -2-thiohydantoin	2.5-15μ	S	Spec, Ident	Ramachandran	AC	27	(1955) 1734
$C_{11}H_{12}N_2O_3$	6-Acetoxy-4,5,2'-trimethyloxazolo(5':4'-2:3)-pyridine	868-1748	S	Band freq	Ames	JCS	-	(1953) 3008
$C_{11}H_{12}N_4O_4$	Cyclopentanone 2,4-dinitrophenylhydrazone	6-15μ	S	Spec	Ross	AC	25	(1953) 1288
$C_{11}H_{12}N_4O_4$	Tigaldehyde-2,4-dinitrophenylhydrazone	2-15μ	S	Spec, Ident	Jones	AC	28	(1956) 191
$C_{11}H_{12}N_4O_6S$	γ-Methiol-α-ketobutyric acid 2,4-dinitrophenylhydrazone	1400-1800	-	Ident	Drew	JACS	74	(1952) 1852
$C_{11}H_{12}O$	Benzocycloheptanone	-	Sol	Freq	Farmer	JCS	-	(1956) 3600
$C_{11}H_{12}O$	2,3-Benzocycloheptanone	-	L	Freq, Struct	Scott	JACS	72	(1950) 240
		-	Sol	Freq	Pauson	CR	55	(1955) 9
		-	L	Freq	Schubert	JACS	77	(1955) 4172

$C_{11}H_{12}O$	o-2-Cyclopentenylphenol	-	Sol	Freq	Bader	JACS	75 (1953) 5967
$C_{11}H_{12}O$	p-1-Cyclopentenylphenol	-	Sol	Freq	Bader	JACS	75 (1953) 5967
$C_{11}H_{12}O$	p-2-Cyclopentenylphenol	-	Sol	Freq	Bader	JACS	75 (1953) 5967
$C_{11}H_{12}O$	2,3-Dimethylindone	-	-	Spec	Bergmann	BSCF	- (1959) 634
$C_{11}H_{12}O$	Methyl 4-indanyl ketone	-	Sol	Freq	Hunsberger	JACS	77 (1955) 2466
$C_{11}H_{12}O$	Methyl 5-indanyl ketone	-	Sol	Freq	Hunsberger	JACS	77 (1955) 2466
$C_{11}H_{12}O$	α-Methyltetralone	1689	-	Freq	Stevens	JACS	77 (1955) 4590
$C_{11}H_{12}O$	Phenyl cyclobutyl ketone	1600-1800	Sol	Freq	Fuson	JACS	76 (1954) 2526
$C_{11}H_{12}O$	2-Phenylcyclopentanone	-	-	Freq	Mislow	JACS	77 (1955) 1590
$C_{11}H_{12}O$	1-Phenylcyclopropyl methyl ketone	2-14.5μ	L	Spec, Band freq	Wiberley	AC	24 (1952) 623
$C_{11}H_{12}O$	2-Phenyl-3,4-dihydro-2H-pyran	-	-	Band freq	Smith	JACS	73 (1951) 5273
$C_{11}H_{12}O_2$	1-Benzylcyclopropane-carboxylic acid	-	Sol	Freq, I	Piehl	JACS	75 (1953) 5023
$C_{11}H_{12}O_2$	β-Cyclooctatetraenyl-propionic acid	2-16μ	Sol	Spec, Assign	Cope	JACS	75 (1953) 3215
$C_{11}H_{12}O_2$	Cyclopropyl o-anisyl ketone	2-14.5μ	L	Spec, Freq	Wiberley	AC	24 (1952) 623
$C_{11}H_{12}O_2$	α,β-Epoxy-α-ethyl-propiophenone	1600-1800	Sol	Freq, Assign, Iso, Struct	House	JACS	80 (1958) 6389
$C_{11}H_{12}O_2$	Ethyl cinnamate	1740	Sol	Freq	Hampton	AC	21 (1949) 914
		600-4000	Sol	Freq, Substitution effect	Katritzky	JCS	- (1958) 4155

		-	Sol	Assign	Katritzky	JCS	-	(1958) 2182
$C_{11}H_{12}O_2$	7-Hydroxy-3,4-dimethyl-indanone	-	Sol	H bond	Farmer	JCS	-	(1956) 3600
$C_{11}H_{12}O_2$	Lachnophyllum ester	2-16μ	Sol	Spec, Freq	Celmer	JACS	74	(1952) 3838
$C_{11}H_{12}O_2$	Methyl 5-hydroxy-4-indanyl ketone	-	Sol	Freq	Hunsberger	JACS	77	(1955) 2466
$C_{11}H_{12}O_2$	Methyl 6-hydroxy-5-indanyl ketone	-	Sol	Freq	Hunsberger	JACS	77	(1955) 2466
$C_{11}H_{12}O_2$	Methyl 4-indancarboxylate	-	Sol	Freq	Hunsberger	JACS	77	(1955) 2466
$C_{11}H_{12}O_2$	Methyl 5-indancarboxylate	-	Sol	Freq	Hunsberger	JACS	77	(1955) 2466
$C_{11}H_{12}O_2$	1,2,3,4-Tetrahydro-2-napthoic acid	2-12μ	Sol	Spec	Schrecker	JACS	74	(1952) 5669
$C_{11}H_{12}O_2$	4,5-Tetramethyl-enetropolone	2-16μ	Sol	Spec	Doering	JACS	75	(1953) 297
$C_{11}H_{12}O_2S_2$	Carboxymethyl α-benzyl-dithioacetate	400-4000	S	Spec, Freq	Bak	ACS	12	(1958) 1451
$C_{11}H_{12}O_3$	1':4'-Dihydroxybenzo-cycloheptenone	-	Sol	H bond	Farmer	JCS	-	(1956) 3600
$C_{11}H_{12}O_3$	3,4-Dimethoxycinnanal-dehyde	- 600-4000	Sol -	Freq Spec, Freq	Smith Herzert	JCS JOC	- 25	(1955) 2347 (1960) 405
$C_{11}H_{12}O_3$	4,7-Dimethoxyindanone	-	Sol	Freq	Farmer	JCS	-	(1956) 3600
$C_{11}H_{12}O_3$	Ethyl benzoylacetate	1200-2000	Sol	Freq	Bender	JACS	75	(1953) 6304
$C_{11}H_{12}O_3$	Ethyl α -formylphenyl-acetate	-	S,Sol	Freq	Friedmann	JCS	-	(1954) 3687

$C_{11}H_{12}O_3$	Ethyl β -phenylglycidate	1600-1800	Sol	Freq, Iso, Struct	House	JACS	80 (1958)	6389
$C_{11}H_{12}O_3$	8-Hydroxy-5-methoxy-tetralone	-	Sol	H bond	Farmer	JCS	- (1956)	3600
$C_{11}H_{12}O_3$	Isomyristicin	700-1500	S,Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{11}H_{12}O_3$	7-Methoxy-4,6-dimethyl-phthalide	-	S,Sol	Freq	Duncanson	JCS	- (1953)	1331
$C_{11}H_{12}O_3$	6-Methoxy-5-indancarboxylic acid	-	S,Sol	Group freq	Hunsberger	JACS	77 (1955)	2466
$C_{11}H_{12}O_3$	Methyl m-methoxy cinnamate	700-1700	Sol	I	Katritzky	JCS	- (1959)	2058
		900-3000	Sol	Freq, Assign	Katritzky	JCS	- (1959)	2062
		800-1500	Sol	Assign	Katritzky	SA	16 (1960)	954
		-	-	Assign	Katritzky	SA	16 (1960)	964
$C_{11}H_{12}O_3$	Methyl 5-hydroxy-4-indanyloarboxylate	-	Sol	Freq	Hunsberger	JACS	77 (1955)	2466
$C_{11}H_{12}O_3$	Methyl 6-hydroxy-5-indancarboxylate	-	Sol	Freq	Hunsberger	JACS	77 (1955)	2466
$C_{11}H_{12}O_4$	Acetovanillone acetate	600-4000	S	Spec, Freq	Herzert	JOC	25 (1960)	405
$C_{11}H_{12}O_4$	Benzylidene diacetate	665-1755	L	Assign, I	Bell	JCS	- (1960)	1209
$C_{11}H_{12}O_4$	3,4-Dimethoxycinnamic acid	600-4000		Spec, Freq	Herzert	JOC	25 (1960)	405
$C_{11}H_{12}O_4$	4,6-Dimethoxy-5-methyl-coumaranone	-	-	Freq	Mullholland	JCS	- (1953)	1642
$C_{11}H_{12}O_4$	Methyl 3-hydroxy-7-methoxy-3-methyl-phthalide, normal ester	-	-	Absorption	Boothe	JACS	75 (1953)	3261

$C_{11}H_{12}O_4$	Methyl 3-hydroxy-7-methoxy-3-methyl-phthalide, pseudo ester	-	-	Absorption	Boothe	JACS	75	(1953) 3261
$C_{11}H_{12}O_4$	3-Phenyl-2-p-dioxane-carboxylic acid pyrolysate fraction	818-3440	Sol	Freq	Gutsche	JACS	76	(1954) 2236
$C_{11}H_{12}O_4$	Sinapaldehyde	6-12.2μ	Sol	Band freq	Black	JACS	75	(1953) 5344
$C_{11}H_{12}O_5$	4-Carboxy-5',6-dimethoxy-phthalan	11μ	S,Sol	Spec, Assign	Allison	JCS	-	(1958) 4311
$C_{11}H_{12}O_5$	4-Carboxy-5,7-dimethoxy-phthalan	11μ	S,Sol	Spec, Assign	Allison	JCS	-	(1958) 4311
$C_{11}H_{12}O_5$	Dihydrogladiolic acid	-	S,Sol	Freq	Duncanson	JCS	-	(1953) 3637
$C_{11}H_{12}O_6$	Cyclopolic acid	-	S,Sol	Freq	Duncanson	JCS	-	(1953) 3637
$C_{11}H_{13}BrOS$	Butylthio p-bromo-benzoate	2.5-16μ	Sol	Struct, Group freq	Nyquist	SA	15	(1959) 514
$C_{11}H_{13}BrO_6$	2-Bromo-2-carbomethoxy-4,6-dicarboxyheptane dilactone	-	Sol	Band freq	Marvel	JACS	75	(1953) 2326
$C_{11}H_{12}ClOS$	Butylthio m-chloro benzoate	2.5-16μ	Sol	Struct, Group freq	Nyquist	SA	15	(1959) 514
$C_{11}H_{13}ClO_4$	ω-Chloro-2-hydroxy-4,6-dimethoxy-3-methylaceto-phenone	-	-	Freq	Mullholland	JCS	-	(1953) 1642
$C_{11}H_{13}Cl_2NO_3$	6-Butylamino-3,5-dichloro-2-methoxy-p-benzoquinone	-	Sol	Absorption	Buckley	JCS	-	(1957) 4891
$C_{11}H_{13}Cl_3O$	2,4,4-Trichloro-3-methyl-6-t-butyl-2,5-cyclo-hexadiene-1-one	3.36-6.84μ	Sol	I	Forman	JACS	76	(1954) 4977

$C_{11}H_{13}FOS$	Butylthio o-fluoro-benzoate	2.5-16μ	Sol	Struct, Group freq	Nyquist	SA	15 (1959)	514
$C_{11}H_{13}IOS$	Butylthio m-iodo-benzoate	2.5-16μ	Sol	Struct, Group freq	Nyquist	SA	15 (1959)	514
$C_{11}H_{13}IOS$	Butylthio o-iodo benzoate	2.5-16μ	Sol	Struct, Group freq	Nyquist	SA	15 (1959)	514
$C_{11}H_{13}IO_4$	p-Iodosotoluene diacetate	665-1775	S,Sol	Assign, I	Bell	JCS	- (1960)	1209
$C_{11}H_{13}IO_5$	p-Iodosoaninsole diacetate	665-1775	S,Sol	Assign, I	Bell	JCS	- (1960)	1209
$C_{11}H_{13}N$	2-Benzylpyrroline	6-10μ	Sol	Freq	Meyers	JOC	24 (1959)	1233
$C_{11}H_{13}N$	Dimethylketene p-tolylimine	-	-	Group freq	Stevens	JACS	76 (1954)	4398
$C_{11}H_{13}N$	3-n-Propylindole	1090-3055	L	Group freq	Brown	JCS	- (1952)	3172
$C_{11}H_{13}N$	2,3,5,6-Tetramethyl-benzonitrile	700-2900	S,Sol	Spec, Freq	Speroni	JCP	26 (1957)	1777
$C_{11}H_{13}NO$	4-Anilino-3-pentene-2-one	650-4000	L,S	Spec, Assign	Holtzclaw	JACS	80 (1958)	1100
$C_{11}H_{13}NO$	1-Benzylpyrrolid-2-one	-	-	Ident	Gillots	JCS	- (1955)	2371
$C_{11}H_{13}NO$	β-Dimethylaminoacrylo-phenone	1500-1800	Sol	Freq, Struct	Leonard	JACS	81 (1959)	595
$C_{11}H_{13}NO$	2,3-Dimethyl-6-methoxy-indole	2.5-12μ 5.5-10μ	Sol Sol	Spec, Struct Spec, Ident	Neuss Neuss	JACS JACS	76 (1954) 76 (1954)	2463 3234
$C_{11}H_{13}NO$	2-p-Methoxyphenyl-pyrroline	6-20μ	Sol	Freq	Meyers	JOC	24 (1959)	1233
$C_{11}H_{13}NO$	1-Methyl-2,3,4,5-tetrahydro-5-keto-1-benzazepine	-	L	Freq	Astill	JACS	77 (1955)	4079

$C_{11}H_{13}NO$	1-Phenyl-3-amino-2-butene-1-one	4000-650	L,S	Assign	Holtz	JACS	80	(1958) 1100
$C_{11}H_{13}NO$	1-Phenyl-3-piperidone	-	-	Group freq	Leonard	JACS	75	(1953) 3727
$C_{11}H_{13}NO$	2,3,5,6-Tetramethyl-benzonitrile oxide	700-2900	S,Sol	Spec, Freq	Speroni	JCP	26	(1957) 1777
$C_{11}H_{13}NO.HClO_4$	β-Dimethylaminoacrylo-phenone perchlorate	1500-3500	S	Freq, Struct	Leonard	JACS	81	(1959) 595
$C_{11}H_{13}NO_2$	Cyclobutyl N-phenyl-carbamate	2-16μ	Sol	Spec	Roberts	JACS	73	(1951) 2509
$C_{11}H_{13}NO_2$	Cyclopropylcarbinyl N-phenylcarbamate	2-16μ	Sol	Spec	Roberts	JACS	73	(1951) 2509
$C_{11}H_{13}NO_2$	N,N-Dicetyl benzylamine	6μ	L	Band study	Abramovitch	JCS	-	(1957) 1413
$C_{11}H_{13}NO_2$	N,N-Diacetyl-m-toluidine	6μ	L	Band study	Abramovitch	JACS	79	(1957) 1413
$C_{11}H_{13}NO_2$	N,N-Diacetyl-o-toluidine	6μ	L	Band study	Abramovitch	JACS	79	(1957) 1413
$C_{11}H_{13}NO_2$	N,N-Diacetyl-p-toluidine	6μ	L	Band study	Abramovitch	JACS	79	(1957) 1413
$C_{11}H_{13}NO_2$	Ethyl α-cyano-3-methyl-cyclopent-2-enylidene acetate	-	S	Group freq	Acheson	JCS	-	(1952) 3415
$C_{11}H_{13}NO_2$	Hydrohydrastinine	-	-	Ident	Highet	JACS	77	(1955) 4399
		-	Sol	Band freq	Wildman	JACS	77	(1955) 1248
		700-3000	S,Sol	Group freq	Briggs	AC	29	(1957) 904
$C_{11}H_{13}NO_2$	N-Methyl-β-benzoyl-propionamide	700-4000	S	Band assign, Struct Taut	Cromwell	JACS	80	(1958) 4573
$C_{11}H_{13}NO_2$	1-Methyl-3-methoxymethyl-oxindole	2-11μ	Sol	Spec	Wenkert	JACS	75	(1953) 5514

$C_{11}H_{13}NO_2$	β-(3-Pyridyl)-n-propyl acrylate	-	-	Assign	Katritzky	SA	16 (1960)	964
$C_{11}H_{13}NO_2S$	β-Benzylsulfonyl-α-methylpropionitrile	-	-	Spec	Ross	JACS	73 (1951)	540
$C_{11}H_{13}NO_2S$	2,5-Diethoxyphenyl isothiocyanate	2000-2300	Sol	Freq	Caldow	SA	13 (1958)	212
$C_{11}H_{13}NO_2S$	β-Phenylsulfonyl-α-ethylpropionitrile	-	-	Spec	Ross	JACS	73 (1951)	540
$C_{11}H_{13}NO_3$	4-Amido-5-methoxy-6-methylphthalan	11μ	S,Sol	Spec, Assign	Allison	JCS	- (1958)	4311
$C_{11}H_{13}NO_3$	α-Benzamidoisobutyric acid	2-15μ	Sol	Freq, Struct	Smith	JACS	71 (1949)	1080
$C_{11}H_{13}NO_3$	N,N-Diacetyl-o-anisidine	- 6μ	Sol L	Spec, Band freq Band study	Witkop Abramovitch	JACS JCS	74 (1952) - (1957)	3861 1413
$C_{11}H_{13}NO_3$	N,N-Diacetyl-p-anisidine	6μ	L,S, Sol	Band study	Abramovitch	JCS	- (1957)	1413
$C_{11}H_{13}NO_3$	N,N-Diacetyl-o-benzyl-hydroxylamine	-	S	Group freq	Ames	JCS	- (1955)	631
$C_{11}H_{13}NO_3$	Ethyl hippurate	1500-1750	S	Spec, Assign	Richards	JCS	- (1947)	1248
$C_{11}H_{13}NO_3$	Hydrastinie	- 700-3000	- S,Sol	Ident Group freq	Highet Briggs	JACS AC	77 (1955) 29 (1957)	4399 904
$C_{11}H_{13}NO_3$	N-(α-Methylacetate)-phenylacetamide	1500-3600	S,Sol	Spec, Assign	Richards	JCS	- (1947)	1248
$C_{11}H_{13}NO_3$	Methyl N-methyl-N-acetylanthranilate	2-15μ	-	Freq, Struct	Rasmussen	JACS	71 (1949)	1073

$C_{11}H_{13}NO_3$	β-(3-Pyridine-1-oxide) n-propyl acrylate	800-3000 800-1500 -	Sol Sol -	Spec, Freq, I Assign Assign	Katritzky Katritzky Katritzky	JCS SA SA	- 16 16	(1959) (1960) (1960)	3680 954 964
$C_{11}H_{13}NO_3S$	l-phenylmercapturic acid	2-15 μ	S,Sol	Spec, Analysis, Struct	Fuson	JACS	74	(1952)	1
$C_{11}H_{13}NO_4$	4-Amido-5,6-dimethoxy-phthalan	11 μ	S,Sol	Spec, Assign	Allison	JCS	-	(1958)	4311
$C_{11}H_{13}NO_4$	N-Benzyloxysuccinamic acid	-	S	Group freq	Ames	JCS	-	(1955)	631
$C_{11}H_{13}NO_4$	Carbobenzoxyglycine methyl ester	1350-1550	L	Spec, Ident	Watson	SA	16	(1960)	1322
$C_{11}H_{13}NO_4$	Carbobenzoxysarcosine	1350-1550	L	Spec, Ident	Watson	SA	16	(1960)	1322
$C_{11}H_{13}NO_4$	2,6-Diacetoxy-3,4-dimethylpyridine	885-1760	S	Band freq	Ames	JCS	-	(1953)	3008
$C_{11}H_{13}NO_4$	Ethyl α-acetoxy-2-pyridineacetate	649-3480	L	Band freq	Edwards	CJC	32	(1954)	85
$C_{11}H_{13}NO_4$	Ethyl α-nitro-β-phenyl-propionate	-	-	Freq	Emmons	JACS	77	(1955)	4391
$C_{11}H_{13}NO_4$	Ethyl-p-carbomethoxy-N-phenylurethan	1000-2500	Sol	Spec, Assign, I	Katritzky	JCS	-	(1960)	676
$C_{11}H_{13}NO_4S$	p-Diacetylaminophenyl methyl sulfone	-	S	Freq	Momose	CPBT	6	(1958)	412
$C_{11}H_{13}NO_4S$	p-Formylaminomethylphenyl acetylmethyl sulfone	-	S	Freq	Momose	CPBT	6	(1958)	412
$C_{11}H_{13}NS$	β-Benzylmercapto-α-methylpropionitrile	-	-	Spec	Ross	JACS	73	(1951)	540
$C_{11}H_{13}NS$	p-t-Butylphenyl isothiocyanate	600-4000	S	Spec	Ham	SA	16	(1960)	279

$C_{11}H_{13}NS$	5,5-Dimethyl-2-phenyl-3-thiopyrroline	6.19 μ	Sol	Freq	Meyers	JOC	24	(1959) 1233
$C_{11}H_{13}NS$	β-Phenylmercapto-α-ethyl-propionitrile	-	-	Spec	Ross	JACS	73	(1951) 540
$C_{11}H_{13}N_3O_2$	α-Amino-β-(6-methyl-3-indazolyl)propionic acid	-	-	Ident	Snyder	JACS	76	(1954) 1298
$C_{11}H_{13}N_3O_6$	DNP-DL-Valine	625-5000	S	Spec, Ident	Friedberg	CJC	37	(1959) 1469
$C_{11}H_{13}N_3O_6$	DNP-L-Valine	625-5000	S	Spec, Ident	Friedberg	CJC	37	(1959) 1469
$C_{11}H_{13}N_3O_6S$	DNP-DL-Methionine	625-5000	S	Spec, Ident	Friedberg	CJC	37	(1959) 1469
$C_{11}H_{13}N_5$	2-Amino-4-anilino-6-ethyl-1,3,5-triazine	-	-	Ident	Overberger	JACS	76	(1954) 1061
$C_{11}H_{14}$	1,2-Dimethylindan	2-15 μ	L	Spec, Physical properties	Entel	AC	25	(1953) 1303
$C_{11}H_{14}$	1,3-Dimethylindan	2-16 μ	L	Spec	Entel	AC	25	(1953) 1303
$C_{11}H_{14}$	1,6-Dimethylindan	2-16 μ	L	Spec	Entel	AC	25	(1953) 1303
$C_{11}H_{14}$	4,7-Dimethylindan	2-16 μ	L	Spec	Entel	AC	26	(1954) 612
$C_{11}H_{14}$	1-Ethylindan	7.69-13.5 μ-		Analysis	Pines	JACS	77	(1955) 554
$C_{11}H_{14}$	2-Methyl-3-phenyl-2-butene	3.30-14.32 μ-		Table	Brewster	JACS	76	(1954) 6368
$C_{11}H_{14}$	3-Methyl-1-phenylbutene-1	670-1750	-	Spec	Bateman	JCS	-	(1951) 2283
$C_{11}H_{14}$	3-Methyl-1-phenylbutene-2	670-1750	-	Spec	Bateman	JCS	-	(1951) 2283
$C_{11}H_{14}$	Phenylcyclopentane	3-4 μ	L,Sol	Freq	Tallent	AC	28	(1956) 953

$C_{11}H_{14}$	n-Propylcyclooctatetraene	2-16μ	-	Spec	Cope	JACS	74	(1952)	179
$C_{11}H_{14}$	2,4,5-Trimethylstyrene	700-1900	L	Spec	Bryant	JCS	-	(1949)	2389
$C_{11}H_{14}$	2,4,6-Trimethylstyrene	700-1900	L	Spec	Bryant	JCS	-	(1949)	2389
$C_{11}H_{14}BrNO_3$	2-Bromo-3-methyl-4-nitro-6-t-butylphenol	2.83-6.92μ	Sol	I, Group freq	Albert	JACS	76	(1954)	4979
$C_{11}H_{14}BrNO_4$	4-Bromo-2,3-dicarbethoxy-5-methylpyrrole	500-4000	S	Spec, Freq, Assign	Eisner	JCS	-	(1958)	971
$C_{11}H_{14}Br_2O$	2,4-Dibromo-3-methyl-6-t-butylphenol	2.8-6.9μ	Sol	I	Forman	JACS	76	(1954)	4977
$C_{11}H_{14}Br_2O_4$	Dimethyl exo-cis-3,6-endomethylene-4,5-trans-dibromohexahydrophthalate	-	Sol	Ident, Spec	Berson	JACS	76	(1954)	5748
$C_{11}H_{14}ClNO_3$	2-Chloro-3-methyl-4-nitro-6-t-butylphenol	2.83-6.93μ	Sol	Table, I, Freq	Albert	JACS	76	(1954)	4979
$C_{11}H_{14}Cl_2N_2O_2 \cdot HCl$	N-Bis-(β-chloroethyl) p-nitrobenzylamine hydroochloride	-	-	Spec	Chizhov	ZOK	30	(1960)	3695
$C_{11}H_{14}N_2$	Gramine	-	Sol	Freq	Marion	JACS	73	(1951)	305
		2900-3100	Sol	Freq	Hill	JCS	-	(1958)	760
$C_{11}H_{14}N_2$	2-Methyl-3-(2'-aminoethyl)indole	-	S	Freq	Noland	JACS	81	(1959)	1203
$C_{11}H_{14}N_2O$	N-(2-cyano-2-propyl)-n-m-tolylhydroxylamine	-	-	Group freq, I	Gingras	JCS	-	(1954)	1920
$C_{11}H_{14}N_2O$	N-(2-Cyano-2-propyl)-N-o-tolylhydroxylamine	-	-	Ident, Freq, I	Gingras	JCS	-	(1954)	1920

$C_{11}H_{14}N_2O$	Cytisine	-	Sol	Freq	Marion	JACS	73 (1951)	305
		-	-	Group freq	Thyagarajan	CR	54 (1954)	1019
		600-4000	S	Spec	Heacock	CJC	34 (1956)	1782
$C_{11}H_{14}N_2O.HClO_4$	Cytisineperchlorate	600-4000	S	Spec, Freq	Heacock	CJC	34 (1956)	1782
$C_{11}H_{14}N_2O_2$	Acetyl-α-hydroethyl-formaldehyde phenylhydrazone	650-4000	S,Sol	H bond, Freq	Tanner	SA	15 (1959)	20
$C_{11}H_{14}N_2O_2$	γ-Carboxy-γ-isopropenylpimelonitrile	700-4000	S	Spec, Struct	Frank	JACS	71 (1949)	1387
$C_{11}H_{14}N_2O_2$	α-Cyanoethyl-α-isopropenylglutarimide	700-4000	S	Spec, Struct	Frank	JACS	71 (1949)	1387
$C_{11}H_{14}N_2O_2$	2-Phenyl-3-nitroso-4-ethyloxazolidine	-	L	Group study	Golberg	JACS	75 (1953)	6260
$C_{11}H_{14}N_2O_2.HCl$	Phenacoeturimido methyl ether hydrochloride	-	-	Group freq	Leonard	JACS	76 (1954)	2781
$C_{11}H_{14}N_2O_5$	2,4-Dinitro-3-methyl-6-t-butylphenol	3.04-6.96μ	Sol	I, Group freq	Albert	JACS	76 (1954)	4979
$C_{11}H_{14}N_2O_5$	erythro-p-Nitrophenylserine ethyl ester	-	-	Spec, Ident	Bergmann	JCS	- (1953)	2564
$C_{11}H_{14}N_2O_5$	threo-p-Nitrophenylserine ethyl ester	-	-	Ident, Spec	Bergmann	JCS	- (1953)	2564
$C_{11}H_{14}N_2O_5.HCl$	erythro-p-Nitrophenylserine ethyl ester hydroohloride	-	S	Spec, Ident	Bergmann	JCS	- (1953)	2564
$C_{11}H_{14}N_2O_5.HCl$	threo-p-Nitrophenylserine ethyl ester hydrochloride	-	S	Spec, Ident	Bergmann	JCS	- (1953)	2564

$C_{11}H_{14}N_2S$	N-cis-Crotyl-N'-phenyl-thiourea	9.4-14.58μ	S	Table	Ettlinger	JACS	77 (1955) 1831
$C_{11}H_{14}N_2S$	N-trans-Crotyl-N'-phenyl-thiourea	9.25-14.53μ	S	Table	Ettlinger	JACS	77 (1955) 1831
$C_{11}H_{14}N_4O_4$	Diethyl ketone-2,4-dinitrophenylhydrazone	6-15μ	S	Spec	Ross	AC	25 (1953) 1288
		2-15μ	S	Spec, Ident	Jones	AC	28 (1956) 191
$C_{11}H_{14}N_4O_4$	3-Methyl-2-butanone-2,4-dinitrophenyl-hydrazone	6-15μ	S	Spec	Ross	AC	25 (1953) 1288
		2-15μ	S	Spec, Ident	Jones	AC	28 (1956) 191
$C_{11}H_{14}O$	ortho-(1',1'-Dimethyl-allyl)phenol	2.7-2.95μ	Sol	H bond	Baker	JACS	81 (1959) 4524
$C_{11}H_{14}O$	2-Allyl-3,5-dimethyl-phenol	2.7-3.0μ	Sol	H bond, Freq	Baker	JACS	80 (1958) 5358
		2.7-2.95μ	Sol	H bond, Group study	Baker	JACS	81 (1959) 4524
$C_{11}H_{14}O$	2-Allyl-5,6-dimethyl-phenol	2.7-2.95μ	Sol	H bond, Group study	Baker	JACS	81 (1959) 4524
$C_{11}H_{14}O$	Ortho-(3,3'-Dimethyl-allyl) phenol	2.7-2.95μ	Sol	H bond, Group study	Baker	JACS	81 (1959) 4524
$C_{11}H_{14}O$	2-n-Butyltropone	2-16μ	Sol	Spec, Struct	Doering	JACS	74 (1952) 5688
$C_{11}H_{14}O$	Cyclooctatetraenyl-dimethylcarbinol	2-16μ	L	Spec	Cope	JACS	75 (1953) 3220
$C_{11}H_{14}O$	γ-Cyclooctatetraenyl-n-propylalcohol	2-16μ	L	Spec	Cope	JACS	75 (1953) 3220
$C_{11}H_{14}O$	Ethyl p-xylyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
$C_{11}H_{14}O$	cis-2-Keto-10-methyl-^{3,6}-hexahydronaphthalene	2-12μ	Sol	Band freq	Woodward	JACS	74 (1952) 4223

$C_{11}H_{14}O$	trans-2-Keto-10-methyl -$\Delta^{3,6}$-hexahydronaphthalene	2-12μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
		-	-	Ident, Spec	Speziale	JACS	76 (1954)	5011
$C_{11}H_{14}O$	10-Methyl-2-keto-$\Delta^{1:9,3:4}$-hexahydronaphthalene	2-12μ	Sol	Spec	Woodward	JACS	72 (1950)	494
$C_{11}H_{14}O$	4-Methyl-ar-1-tetralol	-	S	Band freq	Dreiding	JACS	75 (1953)	3159
$C_{11}H_{14}O$	4-Methyl-ar-2-tetralol	-	S	Band freq	Dreiding	JACS	75 (1953)	3159
$C_{11}H_{14}O$	Pivalophenone	3.30-12.01μ	-	Table	Brewster	JACS	76 (1954)	6368
$C_{11}H_{14}O$	o-Tolyl n-propyl ketone	-	-	Group freq	Pickard	JACS	76 (1954)	5169
$C_{11}H_{14}O$	2,4,6-Trimethyl-acetophenone	-	L	Group freq	Schubert	JACS	77 (1955)	4172
		1705	Sol	Freq, I	Tanaka	JCP	24 (1956)	311
$C_{11}H_{14}O$	n-Valerophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
		1700	Sol	Freq, I	Thompson	SA	9 (1957)	208
$C_{11}H_{14}OS$	Benzyl thiobutyrate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{11}H_{14}OS$	Butyl thiobenzoate	2.5-16μ	Sol	Struct, Freq	Nyqist	SA	15 (1959)	514
$C_{11}H_{14}O_2$	n-Butyl benzoate	1740	Sol	Band freq	Hampton	AC	21 (1949)	914
		-	Sol	Freq, I	Thompson	SA	13 (1958)	236
		800-1500	Sol	Assign	Katritzky	SA	16 (1960)	954
		-	-	Assign	Katritzky	SA	16 (1960)	964
		650-900	L,Sol	CH out of plane study	Yoshida	CPBT	8 (1960)	389
$C_{11}H_{14}O_2$	s-Butyl benzoate	800-1500	Sol	Assign	Katritzky	SA	16 (1960)	954
		-	-	Assign	Katritzky	SA	16 (1960)	964
$C_{11}H_{14}O_2$	t-Butyl benzoate	-	L	Freq	Ory	AC	32 (1960)	509

$C_{11}H_{14}O_2$	m-t-Butylbenzoic acid	-	Sol	Freq	Morton	JOC	20 (1955)	428
$C_{11}H_{14}O_2$	p-t-Butylbenzoic acid	-	Sol	Freq	Morton	JOC	20 (1955)	428
$C_{11}H_{14}O_2$	Ethyl 2-phenylpropionate	3.34-14.34μ	Sol	Band freq	Mislow	JACS	75 (1953)	2318
		-	Sol	Assign	Katritzky	JCS	- (1958)	2182
		600-4000	Sol	Group freq	Katritzky	JCS	- (1958)	4155
$C_{11}H_{14}O_2$	trans-1-Hydroxy-2-keto-10-methyl $\Delta^{3,6}$-hexahydronaphthalene	2-12μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{11}H_{14}O_2$	β-(Hydroxymethyl)-butyrophenone	-	-	Freq	Ramirez	JACS	77 (1955)	3768
$C_{11}H_{14}O_2$	Isobutyl benzoate	-	Sol	Freq, I	Thompson	SA	13 (1958)	236
$C_{11}H_{14}O_2$	3-Isopropenyl-1,2-dimethoxybenzene	-	Sol	Group freq	Edwards	JOC	20 (1955)	847
$C_{11}H_{14}O_2$	2-Methoxy-3,4-dimethylacetophenone	-	L	Group freq	Gordner	JCS	- (1954)	1817
$C_{11}H_{14}O_2$	Methyl deca-2,4-diynoate	-	L	Group freq	Crombie	JCS	- (1955)	999
		-	L	Band freq	Crombie	JCS	- (1955)	1007
$C_{11}H_{14}O_2$	2-Phenyl-6-hydroxytetrahydropyran	-	-	Compound exists almost like cyclic hemiacetal	Smith	JACS	73 (1951)	5273
$C_{11}H_{14}O_2$	dl-Pyrethrolone-B-2 (naturally derived cis)	2.5-15μ	L	Spec, Struct, Ident	Crombie	JCS	- (1951)	2906
$C_{11}H_{14}O_2$	dl-trans-Pyrethrolone (synthetic)	2.5-15μ	L	Spec, Struct, Freq	Crombie	JCS	- (1951)	2906
$C_{11}H_{14}O_3$	2-Acetyl-4,4,6-trimethylcyclohex-5-ene-1,3-dione	1500-2700	L	Assign, H bond	Chan	JCS	- (1956)	3495

$C_{11}H_{14}O_3$	n-Butyl β-(2'-furyl) acrylate	800-1700	Sol	Freq, Assign	Katritzky	JCS	-	(1959)	657
		-	-	Assign	Katritzky	SA	16	(1960)	964
		800-1500	Sol	Assign	Katritzky	SA	16	(1960)	954
$C_{11}H_{14}O_3$	Butyl p-hydroxybenzoate	3 μ	Sol	Freq	Ingraham	JACS	74	(1952)	2297
$C_{11}H_{14}O_3$	t-Butyl perbenzoate	-	-	Group freq	Davison	JCS	-	(1951)	2456
		5-15 μ	Sol	Spec	Minkoff	PRS	224	(1954)	176
		665-5000	L	Group freq	Ory	AC	32	(1960)	509
$C_{11}H_{14}O_3$	Butyl salicylate	2-15 μ	-	Freq, Struct	Rasmussen	JACS	71	(1949)	1073
$C_{11}H_{14}O_3$	Dehydroangustione	3.3-14.1 μ	-	Freq, I	Birch	JCS	-	(1951)	3026
$C_{11}H_{14}O_3$	Ethyl tropate	-	S,Sol	Group freq	Friedmann	JCS	-	(1954)	3687
$C_{11}H_{14}O_3$	β-Hydroxy-α-methyl--β-phenylbutyric acid	-	-	Comparision	Zimmerman	JACS	76	(1954)	2294
$C_{11}H_{14}O_4$	β-(2-Carboxymethyl-1-cyclohexene)acrylic acid	3.66-13.77 μ	S	I	Dreiding	JACS	76	(1954)	6388
$C_{11}H_{14}O_5$	Methyl 3,4,5-trimethoxy-benzoate	-	-	Group freq	Neuss	JACS	75	(1953)	4870
		-	-	Ident	Klohs	JACS	77	(1955)	4084
$C_{11}H_{14}O_5$	Phenyl-α-D-xyloside	-	S	Band freq, I	Whistler	AC	25	(1953)	1463
$C_{11}H_{14}O_5$	Phenyl-β-D-xyloside	-	S	Band freq, I	Whistler	AC	25	(1953)	1463
$C_{11}H_{14}O_5$	3,4,6-Trimethoxycyclo-heptatrienecarboxylic acid	657-2632	S	Table, I	Johns	JCS	-	(1954)	198

$C_{11}H_{14}O_7$	β-Carbethoxy-β-carbethoxymethyl-α-oxybutyro--γ-lactone	-	L	Group freq, Struct	Little	JCS	- (1954) 2636
$C_{11}H_{14}S$	3,3-Dimethylallyl phenyl sulfide	-	-	Ident, Struct, Freq	DelaMare	JCS	- (1953) 3555
$C_{11}H_{15}BrO_7$	2,3,4-Tri-O-acetyl-1-bromo-1-deoxy-α-D-xylopyranose	-	S	Band freq, I	Barker	JCS	- (1954) 3468
$C_{11}H_{15}BrO_7$	2,3,4-Tri-O-acetyl-1-bromo-1-deoxy-β-L-arabopyranose	-	S	Band freq, I	Barker	JCS	- (1954) 3468
$C_{11}H_{15}Cl$	α-Phenylneopentyl chloride	3.41-14.33μ	-	Table	Brewster	JACS	76 (1954) 6368
$C_{11}H_{15}Cl_3OSi$	Trichlorosilylpentyl phenyl ether	-	-	Inductive effect	Josien	CPR	249 (1959) 826
$C_{11}H_{15}N$	γ-Cyclooctatetraenyl-propylamine	2-16μ	L	Spec, Group assign	Cope	JACS	75 (1953) 3215
$C_{11}H_{15}N$	2-Pentylideneaniline	-	-	Freq	Elderfield	JACS	76 (1954) 1887
$C_{11}H_{15}N$	Phenyl-t-butyl ketimine	-	-	Group freq	Pickard	JACS	76 (1954) 5169
$C_{11}H_{15}N$	o-Tolyl-n-propyl ketimine	-	-	Group freq	Pickard	JACS	76 (1954) 5169
$C_{11}H_{15}NO$	2-Benzylideneamino-1-butanol	-	L	Group freq, Struct	Golberg	JACS	75 (1953) 6260
$C_{11}H_{15}NO$	3-Cyanocamphor	-	S	Group freq	Chase	JCS	- (1953) 3518
$C_{11}H_{15}NO$	Isovaleranilide	-	-	Ident	Snyder	JACS	76 (1954) 1893
$C_{11}H_{15}NO$	N-(n-Propyl)phenyl-acetamide	1500-3600 3μ	S,Sol Sol	Spec, Assign Freq	Richards Russell	JCS SA	- (1947) 1248 8 (1956) 138

$C_{11}H_{15}NO$	N,3,4-Trimethylacetanilide	-	-	Comparision	Fuson	JACS	75 (1953)	5744
$C_{11}H_{15}NO.HCl$	N-Benzylmorpholine hydrochloride	600-1400	S	Freq, Assign	Stone	JCS	- (1958)	52
$C_{11}H_{15}NO_2$	N-Benzyloxy-diethylmethylamine	-	-	Freq	Freeman	JACS	80 (1958)	5954
$C_{11}H_{15}NO_2$	6,7-Dimethoxy-1,2,3,4-tetrahydroisoquinoline	-	S	Band freq	Wildman	JACS	77 (1955)	1248
$C_{11}H_{15}NO_2$	N-Ethyl-N-phenylurethan	2-15 μ	Sol	Spec, Group freq	Pristera	AC	25 (1953)	844
		-	Sol	Freq, I	Thompson	SA	13 (1958)	236
$C_{11}H_{15}NO_2$	2-p-Methoxyphenyl-3-methyloxazolidine	1080-1190	-	Band freq	Bergmann	JACS	73 (1951)	5662
$C_{11}H_{15}NO_2$	N-Methyl-N-p-methoxybenzyl-2-aminoethanol-1	-	Sol	Group freq, H bond	Bergmann	JACS	73 (1953)	68
$C_{11}H_{15}NO_3$	4-Acetyl-2-carbethoxy-3,5-dimethylpyrrole	500-4000	Sol,S	Spec, Freq, Struct, Assign	Eisner	JCS	- (1958)	971
$C_{11}H_{15}NO_3$	t-Butyl N-phenylpercarbamate	-	-	Ident	Davies	JCS	- (1953)	1808
		5-15 μ	Sol	Spec	Minkoff	PRS	224 (1954)	176
$C_{11}H_{15}NO_3$	Ethyl α-amino-β-hydroxy-β-phenylpropionate	-	S	Freq	Potts	AC	27 (1955)	1027
$C_{11}H_{15}NO_3$	Ethyl 2-methyl-6-ethoxymicotinate	2-16 μ	Sol	Spec, Band freq	Ramirez	JOC	76 (1954)	183
$C_{11}H_{15}NO_4$	2,3-Dicarbethoxy-5-methylpyrrole	500-4000	S	Spec, Freq, Assign	Eisner	JCS	- (1958)	971
$C_{11}H_{15}O_3$	3-(2',3'-Dimethoxyphenyl) propanol	1500-5000	Sol	Group freq	Briggs	AC	29 (1957)	904

$C_{11}H_{15}O_3B$	n-Pentyl-o-phenylene borate	6-14 μ	L,S	Struct, Assign	Blau	JCS	-	(1960)	380
$C_{11}H_{15}O_4P$	Diethylbenzoyl-phosphite	-	-	Freq, Assign	Ketelaar	RTC	78	(1959)	190
$C_{11}H_{16}$	n-Amylbenzene	7-15 μ	Sol	Spec, Analysis	Pines	JACS	73	(1951)	4343
		2-15 μ	L	Spec, Struct	Hawkes	SA	16	(1960)	633
$C_{11}H_{16}$	t-Amylbenzene	1050-1800	-	Spec	Barnes	IEC	15	(1943)	659
		7-15 μ	Sol	Spec	Pines	JACS	73	(1951)	4343
		2-15 μ	L	Spec, Struct	Hawkes	SA	16	(1960)	633
$C_{11}H_{16}$	m-t-Butyltoluene	-	Sol	Analysis	Hibbard	AC	21	(1949)	486
		-	-	Freq	Serijan	JACS	71	(1949)	873
		2-15 μ	L	Spec	Schlatter	JACS	75	(1953)	361
		700-1000	S,Sol	Out of plane CH deformation study	Bellamy	JCS	-	(1955)	2818
		-	-	Analysis	Zook	JACS	77	(1955)	2501
$C_{11}H_{16}$	o-t-Butyltoluene	-	-	Freq	Serijan	JACS	71	(1949)	873
		2-15 μ	L	Spec	Schlatter	JACS	75	(1953)	361
$C_{11}H_{16}$	p-t-Butyltoluene	-	Sol	Analysis	Hibbard	AC	21	(1949)	486
		-	-	Freq	Serijan	JACS	71	(1949)	873
		-	-	Band freq	Bomstein	AC	25	(1953)	512
		2-15 μ	L	Spec	Schlatter	JACS	75	(1953)	361
		-	-	Analysis	Zook	JACS	77	(1955)	2501
$C_{11}H_{16}$	1,3-Dimethyl-5-isopropyl-benzene	-	Sol	Spec, Freq assign	McCaulay	JACS	76	(1954)	2354
		700-1000	S,Sol	Out of plane CH deformation study	Bellamy	JCS	-	(1955)	2818
$C_{11}H_{16}$	6-Ethyl-6-n-propyl-fulvene	850-4000	Sol,L	Spec, Freq, Assign	Day	JOC	23	(1958)	2039
$C_{11}H_{16}$	1-Methyl-3,5-diethyl-benzene	700-1000	S,Sol	Out of plane CH deformation study	Bellamy	JCS	-	(1955)	2818
		15-35 μ	S	Spec, Struct	Bentley	SA	15	(1959)	165

$C_{11}H_{16}$	2-Methyl-3-phenylbutane	7-15μ	Sol	Spec, Analysis	Pines	JACS	73	(1951)	4343
		3.42-14.35μ		Table	Brewster	JACS	76	(1954)	6368
		-	-	Ident	Buswell	JACS	77	(1955)	2766
		2-15μ	L	Spec, Struct	Hawkes	SA	16	(1960)	633
$C_{11}H_{16}$	Neopentylbenzene	3.43-14.35μ		Table	Brewster	JACS	76	(1954)	6368
$C_{11}H_{16}$	Pentamethylbenzene	-	-	Thermo	Kassel	JCP	4	(1936)	276
		700-3100	S,L	Spec	Richards	PRS	195	(1948)	1
		9-14μ	Sol	Freq, I	Cole	TFS	46	(1950)	103
		640-2000	S	Spec	Cannon	SA	4	(1951)	373
		-	-	Group Analysis	Hastings	AC	24	(1952)	612
		900-1050	-	Vibration study	Randle	JCS	-	(1955)	3497
$C_{11}H_{16}$	1-Phenyl-2-methylbutane	7-15μ	Sol	Spec, Analysis	Pines	JACS	73	(1951)	4343
$C_{11}H_{16}$	2-Phenylpentane	7-15μ	Sol	Spec, Analysis	Pines	JACS	73	(1951)	4343
		-	-	Analysis	Pines	JACS	73	(1951)	4483
		2-15μ	-	Spec, Analysis	Cram	JACS	74	(1952)	2152
		-	Sol	Analysis	Cram	JACS	75	(1953)	332
		-	-	Ident	Burwell	JACS	76	(1954)	908
		-	-	Analysis	Burwell	JACS	77	(1955)	2766
		-	Sol	Freq	Potts	AC	27	(1955)	1027
		2-15μ	L	Spec	Hawkes	SA	16	(1960)	633
$C_{11}H_{16}$	3-Phenylpentane	7-15μ	Sol	Spec, Analysis	Pines	JACS	73	(1951)	4343
		-	-	Analysis	Pines	JACS	73	(1951)	4483
		2-15μ	-	Spec, Analysis	Cram	JACS	74	(1952)	2152
		2-15.5μ	L	Spec	Lenneman	JOC	19	(1954)	463
		-	-	Analysis	Burwell	JACS	77	(1955)	2766
		2-15μ	L	Spec, Struct	Hawkes	SA	16	(1960)	633
$C_{11}H_{16}$	1,3,5-Trimethyl-2-ethylbenzene	700-1800	L	Spec	Bryant	JCS	-	(1949)	2389
$C_{11}H_{16}$	1,4,5-Trimethyl-2-ethylbenzene	700-1800	L	Spec	Bryant	JCS	-	(1949)	2389

$C_{11}H_{16}BrNO$	2-Bromo-3-methyl-4-amino-6-t-butylphenol	2.82-6.92μ	Sol	I, Group freq	Albert	JACS	76 (1954)	4979
$C_{11}H_{16}Br_2O$	cis-2,4-Dibromo-spiro [5:5] undecan-3-one	-	-	Band freq	Burnell	JCS	- (1954)	3486
$C_{11}H_{16}ClNO$	2-Chloro-3-methyl-4-amino-6-t-butylphenol	2.78-6.92μ	Sol	I, Group freq	Albert	JACS	76 (1954)	4979
$C_{11}H_{16}N_2$	1-Benzylpiperazine	3.38-3.60μ	S	Freq	Wright	JOC	24 (1959)	1362
$C_{11}H_{16}N_2$	1-Methylcyclohexyl-(methyl)malononitrile	-	-	Group freq, I	Westfahl	JACS	77 (1955)	936
$C_{11}H_{16}N_2OS.2HBr$	1-(2-Pyridylthio)-4-dimethylamino-2-butanone dihydrobromide	-	Sol	Group freq	Djerassi	JACS	76 (1954)	4470
$C_{11}H_{16}N_2O_2$	N-Benzyl-N-isobutyramido-hydroxylamine	-	-	Freq, I	Gingras	JCS	- (1954)	3508
$C_{11}H_{16}N_2O_2$	Ethyl dimethylamino-N-phenylurethan	1000-3500	Sol	Spec, Assign	Katritzky	JCS	- (1960)	676
$C_{11}H_{16}N_2O_2$	Pilocarpine	2-12μ	-	Spec	Loofbourow	RMP	12 (1940)	267
		-	Sol	Quant, Anal	Marsh	AC	27 (1955)	636
$C_{11}H_{16}N_2O_2S$	5-Ethyl-5-(1-methyl-butenyl-3)-2-thio-barbituric acid	-	-	Struct	Wood	JACS	75 (1953)	5511
$C_{11}H_{16}N_2O_3$	Delvinal	2-16μ	Sol	Spec, Freq	Umberger	AC	24 (1952)	1309
$C_{11}H_{16}N_2O_3$	Sandoptal	2-16μ	Sol	Spec, Freq	Umberger	AC	24 (1952)	1309
$C_{11}H_{16}N_2O_4$	N-Bis-(β-hydroxyethyl)-p-nitrobenzylamine	-	-	Spec	Chizhov	ZOK	30 (1960)	3695

$C_{11}H_{16}N_2O_4S$	5-Ethyl-5-(1-methyl-3-carboxypropyl)-2-thio-barbituric acid	-	-	Ident	Wood	JACS	75 (1953) 5511
$C_{11}H_{16}N_2O_5$	5-Ethyl-5-(1-methyl-3-carboxypropyl)-2-barbituric acid	-	-	Ident, Struct	Wood	JACS	75 (1953) 5511
$C_{11}H_{16}N_4O_7$	Dimethyl-n-propylamine picrate	-	-	Ident	Wiesner	JACS	75 (1953) 6348
$C_{11}H_{16}O$	n-Butyl benzyl ether	-	-	Freq assign	Murrary	JCP	9 (1941) 129
		850-1650	-	Spec	Barnes	IEC	15 (1943) 659
$C_{11}H_{16}O$	n-Butyl o-tolyl ether	1050-1700	-	Spec	Barnes	IEC	15 (1943) 659
$C_{11}H_{16}O$	4-s-Butyl-1-hydroxy-2-methylbenzene	900-1030	Sol	Freq	Puttnam	JCS	- (1960) 2934
$C_{11}H_{16}O$	1-n-Butyl-4-methoxy-benzene	900-1030	Sol	Freq	Puttnam	JCS	- (1960) 2934
$C_{11}H_{16}O$	1-s-Butyl-4-methoxy-benzene	900-1030	Sol	Freq	Puttnam	JCS	- (1960) 2934
$C_{11}H_{16}O$	o-n-Butylmethoxy-benzene	900-1030	Sol	Freq	Puttnam	JCS	- (1960) 2934
$C_{11}H_{16}O$	o-s-Butylmethoxy-benzene	900-1030	Sol	Freq	Puttnam	JCS	- (1960) 2934
$C_{11}H_{16}O$	2-s-Butyl-4-methylphenol	900-1030	Sol	Freq	Puttnam	JCS	- (1960) 2934
		3500-3800	Sol	Freq	Puttnam	JCS	- (1960) 5100
		650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{11}H_{16}O$	2-s-Butyl-5-methylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{11}H_{16}O$	3-s-Butyl-4-methylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294

$C_{11}H_{16}O$	2-t-Butyl-4-methylphenol	-	-	Freq	Coggeshall	JACS	69	(1947) 1620
		3μ	L,S, S,Sol	H bond	Sears	JACS	71	(1949) 4110
		2.7-3.2μ	Sol	H bond	Coggeshall	JACS	73	(1951) 5414
		2.5-3.4μ	S,Sol	Band freq	Ambelang	JACS	75	(1953) 947
		-	-	I	Brown	JCP	24	(1956) 1281
		2.78μ	Sol	I	Hughes	JCP	24	(1956) 489
		-	Sol	Spec	Goddu	JACS	82	(1960) 4533
		3500-3800	Sol	Freq, Hammet const	Puttnam	JCS	-	(1960) 5100
		650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{11}H_{16}O$	t-Butylphenylcarbinol	665-5000	L,S	Freq	Zeiss	JACS	75	(1953) 897
		2.90-11.17μ	Sol	Table	Brwster	JACS	76	(1954) 6368
$C_{11}H_{16}O$	t-Butyl p-tolyl ether	3μ	Sol	Spec	McKinley	JACS	69	(1947) 1624
$C_{11}H_{16}O$	α, α-Diethylbenzyl alcohol	-	-	Assign	Michinori	BCSJ	32	(1959) 950
$C_{11}H_{16}O$	2,5-Diethyl-4-methyl phenol	650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{11}H_{16}O$	2,6-Diethyl-4-methyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{11}H_{16}O$	4-(1,1-Dimethylpropyl) phenol	1050-1800	-	Freq, Spec	Barnes	IEC	15	(1943) 659
		-	-	Freq	Coggeshall	JACS	69	(1947) 1620
		3100-3700	S,Sol	Spec, Assign	Richards	JCS	-	(1947) 1260
		3μ	S,L, Sol	H bond	Sears	JACS	71	(1949) 4110
		2.84μ	Sol	Analysis	Simard	AC	23	(1951) 1384
		-	-	Band freq	Bomstein	AC	25	(1953) 512
		3570-3700	Sol	Freq, I	Flynn	AJC	12	(1959) 575
$C_{11}H_{16}O$	4-Ethyl-2-isopropylphenol	3500-3800	Sol	Freq	Puttnam	JCS	-	(1960) 5100
		900-1030	Sol	Freq	Puttnam	JCS	-	(1960) 2934
$C_{11}H_{16}O$	3-Ethyl-4,5,6,7-tetrahydro-indanone-1	-	-	Group freq	Hamlet	JCS	-	(1951) 2652

$C_{11}H_{16}O$	cis-Jasmone	2.8-14.8μ	L	Spec, Freq	Crombie	JCS	- (1952) 869
		-	L,S	Ident	Harper	JCS	- (1955) 1512
$C_{11}H_{16}O$	trans-Jasmone	2.8-14.8μ	L	Spec, Freq	Crombie	JCS	- (1952) 869
$C_{11}H_{16}O$	trans-2-Keto-10-methyl-Δ^3-octahydronaphthalene	2-12μ	Sol	Band freq	Woodward	JACS	74 (1952) 4223
$C_{11}H_{16}O$	2-Methyl-6-s-butylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{11}H_{16}O$	3-Methyl-4-s-butylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{11}H_{16}O$	3-Methyl-5-s-butylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{11}H_{16}O$	2-Methyl-4-t-butyl-phenol	-	Sol	Spec	Goddu	JACS	82 (1960) 4533
		650-1400	Sol	Spec	Shrewsbury	JACS	82 (1960) 1294
$C_{11}H_{16}O$	3-Methyl-6-t-butyl-phenol	-	Sol	Spec	Goggeshall	JACS	69 (1947) 1620
		-	Sol	Spec	Goddu	JACS	82 (1960) 4533
		650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{11}H_{16}O$	1-Methyl-4-isopropyl-tricyclo [4.1.$0^{1,6}0^{2,4}$] heptanone-5	-	L	Group freq	Eastman	JACS	76 (1954) 4115
$C_{11}H_{16}O$	3-Methyl-2-oxo-1,2,3,4,5,6,7,8-octahydronaphthalene	-	L	Band freq	Logan	JACS	76 (1954) 4127
$C_{11}H_{16}O$	3-Methyl-2-oxo-2,3,4,5,6,7,8,10-octahydro-naphthalene	-	L	Band freq	Logan	JACS	76 (1954) 4127
$C_{11}H_{16}O$	trans-Δ^1-octahydro-9-methyl-3-oxonaphthalene	650-900	Sol	Spec	Henbest	JCS	- (1957) 997
$C_{11}H_{16}O$	2,3,4,5,6-Pentamethyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294

$C_{11}H_{16}O$	D-erythro-2-Phenyl-3-pentanol	2-15μ	-	Spec, Analysis	Cram	JACS	74 (1952)	2159
$C_{11}H_{16}O$	D-threo-2-phenyl-3-pentanol	2-15μ	-	Spec, Analysis	Cram	JACS	74 (1952)	2159
$C_{11}H_{16}O$	D (d)-erythro-2-phenyl-pentanol-3	-	L,Sol	Analysis	Cram	JACS	75 (1953)	332
$C_{11}H_{16}O$	D-erythro-3-phenyl-2-pentanol	2-15μ	-	Spec, Analysis	Cram	JACS	74 (1952)	2159
$C_{11}H_{16}O$	D-threo-3-phenyl-2-pentanol	2-15μ	-	Spec, Analysis	Cram	JACS	74 (1952)	2159
$C_{11}H_{16}O$	L (l)-erythro-2-phenyl-pentanol-3	-	L,Sol	Analysis	Cram	JACS	75 (1953)	332
$C_{11}H_{16}O$	L (d)-threo-2-phenyl-pentanol-3	-	L,Sol	Analysis	Cram	JACS	75 (1953)	332
$C_{11}H_{16}O$	L (l)-erythro-3-phenyl-pentanol-2	-	L,Sol	Analysis	Cram	JACS	75 (1953)	332
$C_{11}H_{16}O$	L (l)-threo-3-phenyl-pentanol-2	-	L,Sol	Analysis	Cram	JACS	75 (1953)	332
$C_{11}H_{16}O_2$	5-n-Amylcatechol	3500-3650	Sol	Spec, Struct	Adams	JACS	62 (1940)	732
$C_{11}H_{16}O_2$	5-n-Amylresorcinol	3500-3650	Sol	Spec, Struct	Adams	JACS	62 (1940)	732
$C_{11}H_{16}O_2$	4-t-Butylguaiacol	600-1400	Sol	Spec, Analysis	Rosenwald	JACS	74 (1952)	4602
$C_{11}H_{16}O_2$	5-t-Butylguaiacol	600-1400	Sol	Spec, Analysis	Rosenwald	JACS	74 (1952)	4602
$C_{11}H_{16}O_2$	6-t-Butylguaiacol	600-1400	Sol	Spec, Analysis	Rosenwald	JACS	74 (1952)	4602

$C_{11}H_{16}O_2$	2-(3,3-Dimethylallyl) -1,3-cyclohexanedione	1350-1750	Sol	Spec, Assign	Ananchenko	IANS - (1960) 1644
$C_{11}H_{16}O_2$	trans-1-Hydroxy-2-keto-10-methyl-Δ^3-octahydro-naphthalene	2-12μ	Sol	Band freq	Woodward	JACS 74 (1952) 4223
$C_{11}H_{16}O_2$	4-Methoxy-2-t-butylphenol	-	Sol	Spec	Goddu	JACS 82 (1960) 4533
$C_{11}H_{16}O_2$	α-2-Methyl-3-phenyl-1,3-butanediol	-	-	Comparision	Zimmerman	JACS 76 (1954) 2294
$C_{11}H_{16}O_2$	β-2-Methyl-3-phenyl-1,3-butanediol	-	L	Comparision	Zimmerman	JACS 76 (1954) 2294
$C_{11}H_{16}O_2$	2-Methyl-4-phenyl-1,4-butanediol-A	-	Sol	Freq	Ramirez	JACS 77 (1955) 3768
$C_{11}H_{16}O_2$	α-(4-Methyl-1-cyclo-hexenyl)vinylacetic acid	-	S	Band freq	Dreiding	JACS 75 (1953) 3717
$C_{11}H_{16}O_2$	γ-(4-Methyl-1-cyclo-hexenyl)vinylacetic acid	-	S	Band freq	Dreiding	JACS 75 (1953) 3717
$C_{11}H_{16}O_2$	3,3,5-Trimethylcyclohexa-1,5-dienecarboxylic acid methyl ester	-	L	Group freq, I	Brande	JCS - (1954) 607
$C_{11}H_{16}O_2$	3,5,5-Trimethylcyclohexa-1,3-dienecarboxylic acid methyl ester	-	L	Group freq, I	Brande	JCS - (1954) 607
$C_{11}H_{16}O_2S$	2-Ethynyl-3-methoxy-cyclohexane-1-spiro-2'-(1',3'-oxathiolan)	-	S	Band freq	Jaeger	JCS - (1955) 646
$C_{11}H_{16}O_3$	Angustione	3.3-13.6μ -		Band freq, I	Birch	JCS - (1951) 3026
		1500-2700	L,Sol	H bond, Assign	Chan	JCS - (1956) 3495

$C_{11}H_{16}O_3$	n-Butyl β-(2'-furyl) propionate	800-1700	Sol	Freq, Assign	Katritzky	JCS	-	(1959)	657
		800-1500	Sol	Assign	Katritzky	SA	16	(1960)	954
		-	-	Assign	Katritzky	SA	16	(1960)	964
$C_{11}H_{16}O_3$	trans-10-Carboxy-2-decalone	3.34-10.63μ	Sol	I	Dreiding	JACS	77	(1955)	411
$C_{11}H_{16}O_3$	Dimethyl(2,3-dimethoxyphenyl)carbinol	-	Sol	Freq	Edwards	JOC	20	(1955)	847
$C_{11}H_{16}O_3$	1-Ethoxy-1-(4-hydroxy-3-methoxyphenyl)ethane	600-4000	S	Spec, Freq	Herzert	JOC	25	(1960)	405
$C_{11}H_{16}O_3$	1-Methoxy-1-(3,4-dimethoxyphenyl)ethane	600-4000	S	Spec, Freq	Herzert	JOC	25	(1960)	405
$C_{11}H_{16}O_3S$	n-Butyl p-toluenesulfonate	1000-1500	Sol	Spec	Schreiber	AC	21	(1949)	1168
		-	-	Band freq	Bomstein	AC	25	(1953)	512
$C_{11}H_{16}O_4$	3,5-Diethoxy-4-methoxyphenol	700-5000	S	Group freq	Briggs	AC	29	(1957)	904
$C_{11}H_{16}O_4$	3,5-Diethyl-6-ethoxy-2,4-pyronone	-	-	Group freq	Reid	JACS	25	(1953)	1655
$C_{11}H_{16}O_4$	Ethyl 5-ethyl-2,5-dihydro-4,5-dimethyl-2-oxofuran-3-carboxylate	1000-1800	Sol	Spec, Freq	Lacey	JCS	-	(1960)	3153
$C_{11}H_{16}O_4$	Ethyl 2-vinylcyclopropane-1,1-dicarboxylate	-	-	Group freq	Kierstead	JCS	-	(1952)	3610
$C_{11}H_{16}O_4$	1,1,3,3-Tetraacetylpropane	2.5-6.5μ	Sol	Freq assign	Martin	JACS	81	(1959)	130
$C_{11}H_{16}O_4$	2,3,4-Trimethoxybenzyl methyl ether	943-2925	Sol	Ident, Struct	Gutsche	JACS	76	(1954)	1776

$C_{11}H_{16}O_5$	Diethyl cyclopentanone -2,5-dicarboxylate	-	L	Band freq	Leonard	JACS	74 (1952)	4070
$C_{11}H_{16}O_6$	γ-Carboxy-γ-isopropenyl-pimelic acid	700-4000	S	Spec, Struct	Frank	JACS	71 (1949)	1387
$C_{11}H_{16}O_8$	α-2,3,4-Triacetyl-d-xylose	6800-7200	Sol	Spec	Hendricks	JACS	58 (1936)	1997
		7000	-	Absorption band	Wulf	JCP	6 (1938)	702
		-	S	Band freq, I	Barker	JCS	- (1954)	3468
$C_{11}H_{17}BrO$	1-Bromomethyldihydroum-bellulone	-	L	Group freq	Eastman	JACS	76 (1954)	4115
$C_{11}H_{17}ClO_3$	cis-2-Methyl-2-carbethoxy-cyclopentane-1-acetyl chloride	-	-	Group freq	Conroy	JACS	74 (1952)	3046
$C_{11}H_{17}N$	Benzyldiethylamine	3.38-3.60μ	S	Freq	Wright	JOC	24 (1959)	1362
$C_{11}H_{17}N$	N,N-Diethyl-p-toluidine	2800-3000	L	Group study	Braunholtz	JCS	- (1958)	2780
$C_{11}H_{17}N$	2,6-Diisopropylpyridine	2-15μ	L	Freq	Podall	AC	29 (1957)	1423
$C_{11}H_{17}N$	5,5-Dimethyl-3-isopropy-lidine-2-vinylpyrroline	6.41μ	Sol	Freq	Meyers	JOC	24 (1959)	1233
$C_{11}H_{17}N$	2-Ethyl-6-t-butyl-pyridine	2-15μ	L	Freq	Podall	AC	29 (1957)	1423
$C_{11}H_{17}N$	N-Isoamylaniline	1-12μ	L	Spec	Bell	JACS	47 (1925)	2192
		0.8-2.8μ	L	Spec	Ellis	JACS	49 (1927)	347
$C_{11}H_{17}N$	N-(2-Pentyl)aniline	-	-	Band freq	Elderfield	JACS	76 (1954)	1887
$C_{11}H_{17}NO$	1-Phenyl-2-dimethyl-aminopropanol	2.5-4μ	Sol	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{11}H_{17}NO$	N-n-Propyl-N-phenyl-2-aminoethanol-1	-	S,Sol	Group freq	Baxter	JCS	- (1955)	669

		1030-3600	-	Freq	Bergmann	JACS	73 (1951)	5662
		-	Sol	Group freq, H bond	Bergmann	JACS	75 (1953)	68
		-	S,Sol	Group freq	Baxter	JCS	- (1955)	669
$C_{11}H_{17}NO_2$	Anhydroecgonine ethyl ester	5.5-6.5μ	Sol	Spec, Struct, Freq	Findlay	JACS	75 (1953)	1033
$C_{11}H_{17}NO_2$	N-(p-Methoxybenzyl)-N-methyl-2-aminoethanol-1	1070-3450	-	Band freq	Bergmann	JACS	73 (1951)	5662
		-	-	Band freq	Gil	JACS	74 (1952)	1346
$C_{11}H_{17}NO_2S$	N,N-Diethyltoluene-p-sulfonamide	-	S,Sol	Group freq	Baxter	JCS	- (1955)	669
$C_{11}H_{17}NO_3$	2-Carbethoxy-3,4-dimethyl-5-methoxymethylpyrrole	4000-500	S	Spec, Freq, Struct, Assign	Eisner	JCS	- (1958)	971
$C_{11}H_{17}NO_3$	1-Isopropyl-4,4-diethyl-2,3,5-pyrrolidinetrione	-	-	Spec	Skinner	JACS	72 (1950)	5569
$C_{11}H_{17}NO_3$	Mescaline	2-15μ	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{11}H_{17}NO_4$	Diethyl 1-methyl-2-cyanoethylmalonate	2-15μ	L	Spec, Freq	Abramovitch	CJC	36 (1958)	151
$C_{11}H_{17}N_3O$	Deca-2,4,6-trienal semicarbazone	-	-	Band freq, I	Hill	JCS	- (1955)	1770
$C_{11}H_{17}N_3O_2$	1-(β,β-Diethoxyethyl)-2-amino-4-cyanopyrrole	2-16μ	-	Spec	Grob	HCA	37 (1954)	1256
$C_{11}H_{17}N_3O_2 \cdot HCl$	Ethylβ-diethylamino-pyrazinoate hydrochloride	1500-2000	S	Spec, Group freq	Solomons	JACS	75 (1953)	679
$C_{11}H_{17}N_3O_3$	1-Cyclohexyl-4,4-dicarboxamido-2-azetidinone	2-11μ	S	Spec	Sheehan	JACS	73 (1951)	1761
$C_{11}H_{17}O_4P$	Diethyl p-tolylphosphate	-	-	Group freq	Bell	JACS	76 (1954)	5185
$C_{11}H_{18}$	Cyclohendeca-1,3-diene	670-3000	-	Spec, Group freq	Fawcett	JCS	- (1954)	2673

$C_{11}H_{18}N_2$	2-Methyl-4-diethylamino-aniline	800-2600	Sol	Struct, Analysis	Whetsel	AC	30 (1958) 1598
$C_{11}H_{18}N_2O_2$	N-Bis-(β-hydroxyethyl)-p-aminobenzylamine	-	-	Spec	Chizhov	ZOK	30 (1960) 3695
$C_{11}H_{18}N_2O_2$	L-Leucyl-L-proline anhydride	700-3300	S	Spec, Band freq	Johnson	JACS	73 (1951) 2947
$C_{11}H_{18}N_2O_2S$	Thiopental	2-16μ	Sol	Spec, Freq	Umberger	AC	24 (1952) 1309
		-	-	Ident	Cleverley	ANA	85 (1960) 582
$C_{11}H_{18}N_2O_3$	Amytal	2-16μ	Sol	Spec, Freq	Umberger	AC	24 (1952) 1309
		2.5-16μ	S	Spec	Levi	AC	28 (1956) 1591
$C_{11}H_{18}N_2O_3$	Nembutal	2-16μ	Sol	Spec, Freq	Umberger	AC	24 (1952) 1309
		2.5-16μ	S	Spec	Levi	AC	28 (1956) 1591
		-	-	Ident	Cleverley	ANA	85 (1960) 582
$C_{11}H_{18}N_3O$	N-Benzyl-N,N-dimethyl-ammonium acetamidoxime	900-3500	S	Freq	Hollander	JOC	23 (1958) 1112
$C_{11}H_{18}O$	1-Acetylhexahydroindane	-	Sol	Group freq	Coles	JCS	- (1954) 2617
$C_{11}H_{18}O$	1-Acetyl-2,6,6-trimethyl-cyclohexene	1600-1750	Sol	Freq, Spec	Braude	JCS	- (1955) 3766
$C_{11}H_{18}O$	2-Acetyl-1,3,3-trimethyl-cyclohexene	-	-	Group freq	Henbest	JCS	- (1952) 1150
$C_{11}H_{18}O$	Alloocimenecarbinol	2-16μ	L	Spec	Bain	JACS	74 (1952) 4292
$C_{11}H_{18}O$	3,7-Dimethylnon-2,4-cis-6-trien-8-ol	-	L	Purity test	Oroshnik	JACS	76 (1954) 5719
$C_{11}H_{18}O$	3,7-Dimethylnona-2,4-trans 6-trien-8-ol	2-16μ	L	Spec	Oroshnik	JACS	76 (1954) 5719
$C_{11}H_{18}O$	Dipentene-7-carbinol	2-16μ	L	Spec	Bain	JACS	74 (1952) 4292

$C_{11}H_{18}O$	cis-2-keto-10-methyl-decalin	2-12μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{11}H_{18}O$	trans-2-keto-10-methyl-decaline	2-12μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{11}H_{18}O$	2-Methylbicyclo [5.3.0]-5-decanone	-	-	Band freq	Herz	JACS	76 (1954)	3349
$C_{11}H_{18}O$	9-Methyl-cis-decalone-1	-	Sol	Freq	Jones	JACS	74 (1952)	5648
		2-12μ	Sol	Spec	Ross	JOC	20 (1955)	905
$C_{11}H_{18}O$	9-Methyl-trans-decalone-1	2-12μ	Sol	Spec, I	Ross	JOC	20 (1955)	905
$C_{11}H_{18}O$	3-Methyl-1,2,3,4,5,6,7,8-octahydro-2-naphthol	-	L	Band freq	Logan	JACS	76 (1954)	4127
$C_{11}H_{18}O$	3-Methyl-2-oxodecahydro-naphthalene	-	L	Band freq	Logan	JACS	76 (1954)	4127
$C_{11}H_{18}O$	Nopol	2-16μ	L	Spec	Bain	JACS	74 (1952)	4292
$C_{11}H_{18}OSi$	Trimethylsilylethyl phenyl ether	-	-	Induction effect	Josien	CPR	249 (1959)	826
$C_{11}H_{18}O_2$	Apoisobornyl acetate	-	-	Analysis	Winstein	JACS	77 (1955)	3054
$C_{11}H_{18}O_2$	exo-Camphenilyl acetate	-	-	Analysis	Winstein	JACS	77 (1955)	3054
$C_{11}H_{18}O_2$	Ethyl 2-(1-cyclohexen-1-yl)propionate	1600-1800	Sol	Spec, Freq, Struct	Dauben	JACS	75 (1953	3352
$C_{11}H_{18}O_2$	β-Fenchoisocamphoryl acetate	-	-	Analysis	Winstein	JACS	77 (1955)	3054
$C_{11}H_{18}O_2$	Formate (as geranyl formate)	8.1-8.6μ	Sol	Absorbance	Fenton	AC	31 (1959)	960

$C_{11}H_{18}O_2$	1-Glycoloylhexahydro-indane	-	Sol	Group freq	Coles	JCS	-	(1954) 2617
$C_{11}H_{18}O_2$	2-Methyl-4-carbomethoxy-2,3-octadiene	-	S	Band study	Wotiz	JACS	74	(1952) 1860
$C_{11}H_{18}O_2$	Methyl deca-cis-2,cis-4-dienoate	3-15 μ	L	Spec, Assign	Crombie	JCS	-	(1955) 1007
$C_{11}H_{18}O_2$	Methyl deca-cis-2,trans-4-dienoate	3-15 μ	L	Spec, Assign	Crombie	JCS	-	(1955) 1007
$C_{11}H_{18}O_2$	Methyl deca-trans-2,cis-4-dienoate	3-15 μ	L	Spec, Assign	Crombie	JCS	-	(1955) 1007
$C_{11}H_{18}O_2$	Methyl deca-trans-2, trans-4-dienoate	3-15 μ	L	Spec, Assign	Crombie	JCS	-	(1955) 1007
$C_{11}H_{18}O_2$	Methyl 2-(4-methylcyclo-hexylidene)propionate	1600-1800	L	Spec, Freq, Struct	Dauben	JACS	75	(1953) 3352
$C_{11}H_{18}O_2$	α-Nopinyl acetate	-	-	Band freq	Winstein	JACS	77	(1955) 3054
$C_{11}H_{18}O_2$	2-Pentylcyclohexane-1,3-dione	1500-1800	Sol	H bond, Spec	Dewilde	SA	12	(1958) 289
$C_{11}H_{18}O_2$	3,3,7,7-Tetramethyl-1,2-cycloheptanedione	-	L,S	Band freq	Leonard	JACS	72	(1950) 5388
$C_{11}H_{18}O_2S_2$	2-Acetyl-3-methoxycyclo-hexane-1-spiro-2'-(1',3'-dithiolan)	-	S	Band freq	Jaeger	JCS	-	(1955) 646
$C_{11}H_{18}O_3$	cis-10-Carboxy-2-trans-decalol	2.89-13.85 μ	S	I	Dreiding	JACS	77	(1955) 411
$C_{11}H_{18}O_3$	1-Glycoloylhexahydro indan-1-ol	-	Sol	Freq	Coles	JCS	-	(1954) 2617

$C_{11}H_{18}O_3$	5-Methyl-1 α,6 α -epoxy-perhydro- (4aβ,8aβ)-naphthalene-4α,6-diol	-	-	Absorption	Beyler	JACS	74 (1952) 1406
$C_{11}H_{18}O_3$	Methyl γ -(1-hydroxycyclohexyl)crotonate	-	Sol	Freq	Dreiding	JACS	75 (1953) 3717
$C_{11}H_{18}O_3$	γ-(2-Methyl-1-hydroxycyclohexyl)crotonic acid	-	S	Band freq	Dreiding	JACS	75 (1953) 3717
$C_{11}H_{18}O_3$	γ-(4-Methyl-1-hydroxycyclohexyl)crotonic acid	-	S	Band freq	Dreiding	JACS	75 (1953) 3717
$C_{11}H_{18}O_3$	Methyl α -(1-hydroxycyclohexyl)vinylacetate	-	-	Band freq	Dreiding	JACS	75 (1953) 3717
$C_{11}H_{18}O_3S$	2-Acetyl-3-methoxycyclohexane-1-spiro-2'-(1',3'-oxathiolan)	-	S	Band freq	Jaeger	JCS	- (1955) 646
$C_{11}H_{18}O_4$	α-Carbethoxy-d-ethyl-γ-isocaprolactone)	2-16μ	L	Spec, Band freq	Skinner	JACS	73 (1951) 3321
$C_{11}H_{18}O_4$	1,3-Dibutyroxypropene	-	-	Freq	Smith	JACS	73 (1951) 5282
$C_{11}H_{18}O_4$	3,3-Dibutyroxypropene	-	-	Freq	Smith	JACS	73 (1951) 5282
$C_{11}H_{18}O_4$	Dimethyl dl-ponate	1600-4000	Sol	Spec, Ident	Francsis	BSCF	- (1959) 1606
$C_{11}H_{18}O_4$	1-Methyl-trans-1,2-cyclohexanediacetic acid	-	S	Ident, Spec	Riniker	JACS	76 (1954) 313
$C_{11}H_{18}O_5$	α, α -Diacetoxydiisopropyl ketone	-	-	Group freq	Murr	JACS	77 (1955) 4430
$C_{11}H_{18}O_5$	1,2,3,4-Di-O-isopropylidine L-arabinopyranose	2-15μ	S	Spec	Tipson	JRNB	62 (1959) 257

$C_{11}H_{18}O_5$	1,2,3,4-Di-O-isorporpyl-idene-D-xylofuranose	2-15μ	S	Spec	Tipson	JRNB	62	(1959)	257
$C_{11}H_{18}O_6$	Di-O-methyl-mono-O-isopropylidene-D-mannono-δ-lactone	1700-1800	S	Freq	Barker	CIL	-	(1958)	658
$C_{11}H_{18}O_6$	Di-O-methyl-mono-O-isopropylidene-D-mannono-γ-lactone	1700-1800	S	Freq	Barker	CIL	-	(1958)	658
$C_{11}H_{18}O_6$	Monoethyl jaconecate	2-15μ	S,L	Spec	Bradbury	AJC	9	(1956)	258
$C_{11}H_{18}Si$	n-Amylphenylsilane	-	L,Sol	Group freq, I	Harvey	JACS	76	(1954)	4555
$C_{11}H_{19}BrO$	2-Bromocyclohendecanone	-	Sol	IR shifts	Leonard	JACS	80	(1958)	6039
$C_{11}H_{19}N$	3-sec-Butylidene-5-ethyl-5-methylpyrroline	6.35μ	Sol	Freq	Meyers	JOC	24	(1959)	1233
$C_{11}H_{19}N$	1-Piperidino-1-cyclo-hexene	-	-	Spec	Opitz	A	623	(1959)	112
$C_{11}H_{19}NO$	β-N,N-Dimethylaminoethyl-3-keto-6-methyl-cyclohexene	-	-	Group freq	Stork	JACS	75	(1953)	3197
$C_{11}H_{19}NO$	β-N,N-Dimethylaminoethyl-2-methyl-5-keto-cyclohexene	-	-	Purity determination	Stork	JACS	75	(1953)	3197
$C_{11}H_{19}NO$	Homogeranamide	700-1350	S	Spec, Freq, Struct	Barnard	JCS	-	(1950)	915
$C_{11}H_{19}NO$	Isohomogeranamide	700-1350	S,L	Spec, Freq, Struct	Barnard	JCS	-	(1950)	915
$C_{11}H_{19}NO_2$	Hydroecgonidine ethyl ester	5.5-6.5μ	Sol	Spec, Freq, Struct	Findlay	JACS	75	(1953)	1033

$C_{11}H_{19}NO_3S$	2-(7-Carboxyheptyl)-4-thiazolidone	-	Sol	Group freq	Pennington	JACS	75 (1953)	109
$C_{11}H_{19}NO_3S$	2-(6-Carboxyhexyl)-4-thiazolidone methyl ester	-	Sol	Freq	Pennington	JACS	75 (1953)	109
$C_{11}H_{19}NO_3S$	2-(4-Carboxypentyl)-4-thiazolidone ethyl ester	-	Sol	Freq	Pennington	JACS	75 (1953)	109
$C_{11}H_{19}NO_3S$	2-Methyl-2-(5-Carboxypentyl) -4-thiazolidone methyl ester	-	Sol	Freq	Pennington	JACS	75 (1953)	109
$C_{11}H_{19}NO_4P$	Dimethyl m-trimethylamino (protonated)phenylphosphate	-	-	Freq, Assing	Ketelaar	RTC	78 (1959)	190
$C_{11}H_{19}NO_4P$	Dimethyl p-trimethylamino (protonated) phenylphosphate	-	-	Freq, Assing	Ketelaar	RTC	78 (1959)	190
$C_{11}H_{19}NSi$	Trimethyl(m-dimethyl-aminophenyl)silane	-	-	Ident, Struct	Gilman	JACS	76 (1954)	3219
$C_{11}H_{20}$	trans-Cyclohendecene	670-3000	-	Spec	Faw cett	JCS	- (1954)	2673
$C_{11}H_{20}$	cis-9-Methyldecalin	600-4000	L	Spec	Dauben	JACS	76 (1954)	6384
$C_{11}H_{20}$	trans-9-Methyldecalin	600-4000	L	Spec	Dauben	JACS	76 (1954)	6384
$C_{11}H_{20}$	Methyldihydromyrcene	700-1700	L	Spec, Ext coeff, Iso	Bateman	JCS	- (1950)	3045
$C_{11}H_{20}ClN_5$	2,4-Di(n-butyl)amino-6-chloro-1,3,5-triazine	2-16μ	S	Spec, Struct	Padgett	JACS	80 (1958)	803
$C_{11}H_{20}ClN_5$	2,4-Di(t-butyl)amino-6-chloro-1,3,5-triazine	2-16μ	S	Spec, Struct	Padgett	JACS	80 (1958)	803
$C_{11}H_{20}N_4O_2$	Carbo-2-ethylhexoxy-dicyandiamide	-	S	Ident	Kaiser	JOC	17 (1952)	185

$C_{11}H_{20}O$	Cyclohendecanone	-	Sol	Group study	Leonard	JACS	80 (1958) 6039
		-	Sol	Freq	Burer	HCA	43 (1960) 1487
$C_{11}H_{20}O$	Geranyl methyl ether	700-1700	L	Spec, Ext coeff, Iso	Bateman	JCS	- (1950) 3045
$C_{11}H_{20}O$	1-p-Menthene-7-carbinol	-	L	Band freq	Bain	JACS	74 (1952) 4292
		-	-	Analysis	Webb	JACS	75 (1953) 4279
$C_{11}H_{20}O$	Methoxydihydromyrcene	700-1700	L	Spec, Ext coeff, Iso	Bateman	JCS	- (1950) 3045
$C_{11}H_{20}O$	cis-10-Methyl-2-cis-decalol	2.6-11μ	Sol	Spec	Hussey	JACS	75 (1953) 4727
$C_{11}H_{20}O$	trans-10-Methyl-2-cis-decalol	2.6-11μ	Sol	Spec	Hussey	JACS	75 (1953) 4727
$C_{11}H_{20}O_2$	2,6-Dimethyl-5-heptene-2-yl acetate	-	-	Pyrolysis	Bateman	JCS	- (1952) 1714
$C_{11}H_{20}O_2$	2-Ethylhexyl acrylate	-	Sol	Freq	Hampton	AC	21 (1949) 914
		-	Sol	Group freq	Davison	JCS	- (1953) 2607
		2-15μ	L	Spec, Assign	Walton	JACS	79 (1957) 3985
$C_{11}H_{20}O_2$	10-Hendecenoic acid	1150-1800	-	Spec, Freq	Barnes	IEC	15 (1943) 659
		2-16μ	L	Spec	Shreve	AC	22 (1950) 1498
		0.9-3μ	Sol	Spec	Holman	AC	28 (1956) 1533
$C_{11}H_{20}O_2$	cis-10-Hydroxymethyl-2-trans-decalol	2.95-12.74μ	S	I	Dreiding	JACS	77 (1955) 411
$C_{11}H_{20}O_2$	Methyl trans-2-decenoate	-	L	Freq	Crombie	JCS	- (1955) 1007
$C_{11}H_{20}O_2$	Octyl acrylate	2-15μ	L	Spec, Assign	Walton	JACS	79 (1957) 3985
$C_{11}H_{20}O_2$	3,3,7,7-Tetramethyl-2-hydroxycycloheptanone	-	L,S	Band freq	Leonard	JACS	72 (1950) 5388
$C_{11}H_{20}O_3$	1-Ethoxy-2-carbethoxy-hexene-1	2-15μ	-	Spec, Ident	Bowman	JOC	19 (1954) 1219

$C_{11}H_{20}O_3S$	2-1"-Hydroxyethyl-3-methoxycyclohexane-1-spiro-2'-(1',3'-oxathiolan)	-	S	Band freq	Jaeger	JCS	- (1955)	646
$C_{11}H_{20}O_4$	Diethyl n-butylmalonate	2-15μ	L	Spec, Freq	Abramovitch	CJC	36 (1958)	151
		1700-1800	S,Sol	Iso	Abramovitch	CJC	37 (1959)	1146
$C_{11}H_{20}O_4$	Diethyl t-butylmalonate	2-15μ	L	Spec, Freq	Abramovitch	CJC	36 (1958)	151
$C_{11}H_{20}O_4$	Diethyl diethylmalonate	2-15μ	Sol	Spec	Washburn	AC	27 (1955)	1812
		13.52μ	Sol	Quant anal	Washburn	AC	29 (1957)	1718
		2-15μ	Sol	Spec, Freq	Abramovitch	CJC	36 (1958)	151
$C_{11}H_{20}O_4$	Diethyl pimelate	670-3500	L,S	Spec, Config	Corish	JCS	- (1958)	927
$C_{11}H_{20}O_4$	Dimethyl azelate	0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
		670-3500	L,S	Spec, Config	Corish	JCS	- (1958)	927
$C_{11}H_{21}N$	1-Piperidino-2-ethyl-1-butene	-	-	Spec	Opitz	A	623 (1959)	112
$C_{11}H_{21}N$	Undecanonitrile	-	-	Group freq	Kitson	AC	24 (1952)	334
$C_{11}H_{21}NO$	3,3-Dimethyl-1-N-piperidyl-2-butanone	-	L,S	Group freq	Leonard	JACS	77 (1955)	3272
$C_{11}H_{21}NO$	1-Morpholinoheptene	-	-	Spec	Opitz	A	623 (1959)	112
$C_{11}H_{21}NO$	2-Pentamethyleno-4,5,5,-trimethyloxazolidine	1080-1190	Sol	Freq	Bergmann	JACS	73 (1951)	5662
$C_{11}H_{21}NO_2$	1-Isopropyl-1-azacyclononan-5-ol-6-one	-	Sol	Band freq	Leonard	JACS	76 (1954)	3463
$C_{11}H_{21}NO_2$	1-Methyl-1-azacyclohendecan-6-ol-7-one	-	S,Sol	Group freq	Leonard	JACS	76 (1954)	630
		-	Sol	C=O, OH freq	Leonard	JACS	76 (1954)	5708
$C_{11}H_{21}NO_6$	Methyl 2-acetamido-2-deoxy-4,6-di-O-methyl-β-D-glucopyranoside	-	S	Group freq, I	Barker	JCS	- (1954)	171

$C_{11}H_{21}N_3O$	Citronellal semicarbazone	700-1800	S	Spec, Freq, Struct	Barnard	JCS	-	(1950)	915
$C_{11}H_{22}$	4-Methyl-1-decene	2-10μ	Sol	Spec	Letsinger	JACS	70	(1948)	3342
$C_{11}H_{22}$	n-Propylcyclooctane	2-16μ	-	Spec	Cope	JACS	74	(1952)	179
$C_{11}H_{22}$	1-Undecene	-	-	Analysis	Hampton	AC	21	(1949)	923
		-	-	Assign	Harrah	JCP	33	(1960)	298
$C_{11}H_{22}N_6$	N-(1,1,3,3-Tetramethyl) butylmelamine	2-16μ	S	Spec, Struct, Assign	Padgett	JACS	80	(1958)	803
$C_{11}H_{22}O$	Allyl 1-methylheptyl ether	2-10μ	Sol	Spec	Letsinger	JACS	70	(1948)	3342
$C_{11}H_{22}O$	2,4-Dimethyl-4-ethyl-heptan-5-one	-	L	Group freq	Streitwieser	JACS	77	(1955)	3921
$C_{11}H_{22}O$	β-n-Naphthyltetrahydrofuran	650-5000	L	Spec	Quilico	TE	1	(1957)	177
$C_{11}H_{22}O$	6-Undecanone	1600-1800	Sol	Group freq	Fuson	JACS	76	(1954)	2526
$C_{11}H_{22}O$	10-Undecene-1-ol	3μ	Sol	Band freq	Oki	BCSJ	32	(1959)	567
$C_{11}H_{22}O_2$	Methyl caprate	-	L	Peanut oil study	Barr	PR	79	(1950)	416
		1-12μ	Sol	Spec, Ext coefficient	O'Connor	JACC	28	(1951)	154
		2-16μ	Sol	Group freq	Celmer	JACS	74	(1952)	3838
		6.81-13.8μ	L	Freq, I, Spec	Fowler	JOSA	43	(1953)	1054
$C_{11}H_{22}O_3$	Diisoamyl carbonate	1-12μ	L	Spec, Assign	Bell	JACS	50	(1928)	2940
$C_{11}H_{22}O_3$	11-Hydroxyundecanoic acid	2.6-3.0μ	Sol	Association	Davies	JCP	6	(1938)	770
$C_{11}H_{22}O_6$	Methyl 2,3,4,6-tetra-O-methyl-β-D-galactopyranoside	-	S	Freq, I	Barker	JCS	-	(1954)	3468

$C_{11}H_{22}O_6$	Methyl 2,3,4,6-tetra-O-methyl-β-D-gluco-pyranoside	-	S	Freq, I	Barker	JCS	-	(1954)	171
$C_{11}H_{22}O_6$	Methyl tetramethyl-α-D-glucoside	-	S	Spec	Kuhn	AC	22	(1950)	276
$C_{11}H_{22}O_6$	Methyl tetramethyl-α-D-mannoside	8-15μ	S	Spec	Kuhn	AC	22	(1950)	276
		-	S	Freq, I	Barker	JCS	-	(1954)	3468
$C_{11}H_{23}Br$	n-Undecyl bromide	-	L	Mole ratio	Yoshino	CJC	35	(1957)	339
$C_{11}H_{23}ClO_2S$	n-Undecanesulfonyl chloride	-	-	Spec, Assign	Geiseler	ZE	63	(1959)	1140
$C_{11}H_{23}Cl_3OSi$	Trichlorosilyldecyl methyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{11}H_{23}Cl_3OSi$	Trichlorosilylheptyl butyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{11}H_{23}Cl_3OSi$	Trichlorosilylnonyl ethyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{11}H_{23}NO$	cis-2-Aminocyclo-undecanol	-	Sol	Freq, Assign	Sicher	CCCC	24	(1959)	950
$C_{11}H_{23}NO$	trans-2-Aminocyclo-undecanol	-	Sol	Freq assign	Sicher	CCCC	24	(1959)	950
$C_{11}H_{23}NO$	2,2-Diisobutylloxazo-lidine	-	Sol	Group freq	Bergmann	JACS	75	(1953)	358
$C_{11}H_{23}NO$	N-1-Isobutyl-3-methyl-butylidenethanolamine	2-15μ	-	Spec, Struct	Daasch	JACS	73	(1951)	4523
$C_{11}H_{23}NO$	2-Methyl-2-amyl-3-ethyloxazolidine	2-15μ	-	Spec, Struct	Daasch	JACS	73	(1951)	4523
$C_{11}H_{23}NO$	2,4,5,5-Tetramethyl-2-isobutyloxazolidine	1080-1190	-	Band freq	Bergmann	JACS	73	(1951)	5662

$C_{11}H_{23}NO_2$	11-Aminoundecanoic acid	-	S	Spec	Guinot	CPR	249	(1959)	432
$C_{11}H_{23}NO_2 \cdot H_2O$	11-Aminoundecanoic acid monohydrate	-	S	Spec	Guinot	CPR	249	(1959)	432
$C_{11}H_{23}NO_3$	n-Undecyl nitrate	2-15μ	Sol	Spec, Struct	Carrington	SA	16	(1960)	1279
$C_{11}H_{24}$	2,4-Dimethyl-4-ethyl-heptane	2-16μ	L	Spec	Streitwieser	JACS	77	(1955)	3921
$C_{11}H_{24}$	2,2-Dimethylnonane	-	-	Freq	Sutherland	JCP	15	(1947)	153
		-	-	Freq	Simpson	PRS	A199	(1949)	169
$C_{11}H_{24}$	2-Methyldecane	2-15μ	L	Spec, Struct	Hawkes	SA	16	(1960)	633
$C_{11}H_{24}$	n-Undecane	1.1-1.8μ	Sol	Spec	Liddel	JRNB	11	(1933)	599
		1-16μ	-	Vibration anal	Whitcomb	JCP	8	(1940)	143
		2.2-14.8μ	S	Spec	Sears	JAP	12	(1941)	35
		1100-1800	-	Spec	Barnes	IEC	15	(1943)	659
		-	-	Freq	Kellner	TFS	41	(1945)	217
		13.8μ	S	Freq	Stein	JCP	22	(1954)	1993
		700-3000	Sol	Mol ext coefficient	Jones	SA	9	(1957)	235
$C_{11}H_{24}O$	2,2,4-Trimethyl-3-isopropyl-3-pentanol	1-15μ	L	H bond, Spec	Smith	JRNB	46	(1951)	145
$C_{11}H_{24}O$	Undecanol-1	3570-3700	Sol	Freq, H bond, I	Flynn	AJC	12	(1959)	575
$C_{11}H_{24}O$	Undecanol-2	665-5000	L	Freq	Zeiss	JACS	75	(1953)	897
$C_{11}H_{24}O$	Undecanol-6	665-5000	L	Freq	Zeiss	JACS	75	(1953)	897
$C_{11}H_{24}O_4$	6-Hydroxy-4-hydroxy-methylhexanal diethyl acetal	-	Sol	Group freq	Marvel	JACS	75	(1953)	1601
$C_{11}H_{24}Si$	Allyl-di-n-butylsilane	2-16μ	Sol	Freq	Kniseley	SA	15	(1959)	651

$C_{11}H_{24}Si$	Cyclopentamethylene-dipropylsilane	2-35μ	L	Spec, Assign	Oshesky	JACS	79 (1957) 2057
$C_{11}H_{25}NO$	2-(α-γ-Dimethylbutyl)-amino-3-methyl-3-butanol	1110-3450	-	Band freq	Bergmann	JACS	73 (1951) 5662
		-	Sol	Group freq, H bond	Bergmann	JACS	75 (1953) 68
$C_{11}H_{26}OSi$	Trimethylsilylbutyl butyl ether	-	-	Inductive effect	Josien	CPR	249 (1959) 826
$C_{11}H_{26}OSi$	Trimethylsilylheptyl methyl ether	-	-	Inductive effect	Josien	CPR	249 (1959) 826
$C_{11}H_{26}OSi$	Trimethylsilylhexyl ethyl ether	-	-	Inductive effect	Josien	CPR	249 (1959) 826
$C_{11}H_{26}Si$	Ethyl tri-n-propylsilane	-	-	Band freq	George	JACS	77 (1955) 1677
$C_{11}H_{27}N_2OPS_2$	O-n-Propyl-s-β-diethyl-aminoethyldimethyl-phosphoramidothioate	600-1050	Sol	Assign	McIvon	CJC	37 (1959) 869
$C_{11}H_{27}N_2O_2PS$	O-n-Propyl-O-β-diethyl-aminoethyldimethyl-phosphoramidothioate	600-1050	Sol	Assign	McIvon	CJC	37 (1959) 869
$C_{11}H_{27}N_2O_2PS$	O-Propyl-O-β-diethyl-aminoethyldimethyl-phophoramidothioate	600-1050	Sol	Assign	McIvon	CJC	37(1959) 869
$C_{11}H_{28}Si_2$	1,5-Bis-(trimethylsilyl) pentane	841-2920	Sol	I	West	JOC	18 (1953) 1739
$C_{11}D_9NOS$	Thiofuranilide-d_9	600-1700	S,Sol	Spec, Freq, Assign	Hadzi	JCS	- (1957) 847
$C_{11}Cl_5F_{18}I$	1,3,5,7,9-Pentachloro-octadecafluoro-1-iodo-undecane	-	-	Ident	Haszeldine	JCS	- (1953) 1592

$C_{11}F_{21}N$	Perfluoro-N-cyclohexyl-piperidine	2-15 μ	L	Spec	Halpern	APS	11 (1957)	173

C_{12} COMPOUNDS

$C_{12}H_2Cl_5N_3O_7$	2,4,6-Trinitrophenyl 2',3',4',5',6'-pentachlorophenyl ether	1200-1400	Sol	Spec, Substitution effect	Dahlgard	JACS	80 (1958)	5861
$C_{12}H_2F_{22}O_2$	2,2,3,3,4,4,4-Heptafluorobutyl pentadecafluorocaprylate	-	L	Group freq	Rappaport	JACS	75 (1953)	2695
$C_{12}H_4D_6$	Biphenyl-1,3,4,1',3',4'-d_6	700-3000	-	Spec	Peregudov	OS	9 (1960)	295
$C_{12}H_4Br_2N_2O_5S$	2,8-Dibromo-3,7-dinitrodibenzothiophene-5-oxide	-	-	Group freq	Gilman	JACS	76 (1954)	5786
$C_{12}H_4Cl_3N_3O_7$	2,4,6-Trinitrophenyl 2',4',6'-trichlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958)	5861
$C_{12}H_4Cl_4O_2$	3,5,3',5'-Tetrachlorodiphenoquinone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{12}H_4Cl_6O_2S$	2,2'-Thiobis-(3,4,6-trichlorophenol)	2.7-3.0 μ	Sol	Freq, H bond	Baker	JACS	80 (1958)	5358
$C_{12}H_5Cl_2N_3O_7$	2,4,6-Trinitrophenyl 2',4'-dichlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958)	5861
$C_{12}H_5Cl_3N_2O_5$	2,4-Dinitrophenyl 2',4',6'-Trichlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958)	5861

$C_{12}H_5Cl_4NO_3$	2-Chloro-4-nitrophenyl 2',4',6'-trichlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958) 5861
$C_{12}H_5Cl_5O$	2,2',4,4',6-Pentachloro-biphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958) 5861
$C_{12}H_5Cl_6O_4P$	Di-2,4,5-trichloro-phenoxyhypophospho-rous acid	600-4000	S	Group study	Braunholtz	JCS	-	(1959) 868
$C_{12}H_5Cl_6O_4P$	Di-(2,4,6-Trichlorophenyl) hydrogen phosphate	-	-	Group freq	Bellamy	JCS	-	(1952) 1701
$C_{12}H_5N_5O_8$	1,2,6,8-Tetranitrocarbazole	2-15 μ	S	Group freq, Struct	Murphy	JACS	75	(1953) 4289
$C_{12}H_5N_5O_8$	1,3,6,8-Tetranitrocarbazole	2-15 μ	S	Group freq, Struct	Murphy	JACS	75	(1953) 4289
$C_{12}H_6$	Dimethylpentaacetylene	-	-	Group freq	Weber	JCP	21	(1953) 1613
$C_{12}H_6D_4$	Biphenyl-2,5,2',5'-d_4	700-3000	-	Spec	Peregudov	OS	9	(1960) 295
$C_{12}H_6Br_2O$	2,2-Dibromoacenaphthe-none	-	Sol	Anal	Brutcher	CIL	-	(1957) 1295
$C_{12}H_6Br_2O_2$	1,3-Dibromo-4-hydroxy-dibenzofuran	-	S,Sol	Group freq	Oita	JOC	20	(1955) 657
$C_{12}H_6Br_2O_2S$	2,8-Dibromodibenzo-thiophene-5-dioxide	-	-	Group freq	Gilman	JACS	76	(1954) 5786
$C_{12}H_6ClN_3O_7$	2,4,6-Trinitrophenyl 4'-chlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958) 5861
$C_{12}H_6Cl_2N_2$	1,6-Dichlorophenazine	650-5000	S	Spec	Gagnon	CJC	35	(1957) 1423
$C_{12}H_6Cl_2N_2O_5$	2,4-Dinitrophenyl 2',4'-dichlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958) 5861

$C_{12}H_6Cl_2N_2O_5$	2,4-Dinitrophenyl 2',6'-dichlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958) 5861
$C_{12}H_6Cl_2O$	2,2-Dichloroacenaphthenone	-	Sol	Anal	Brutcher	CIL	- (1957) 1295
$C_{12}H_6Cl_2O_2$	1,3-Dichloro-4-hydroxy-dibenzofuran	-	-	Group freq	Gilman	JACS	76 (1954) 5787
		-	Sol,S	Group freq, Ident	Oita	JOC	20 (1955) 657
$C_{12}H_6Cl_3NO_3$	4-Nitrophenyl 2',4',6'-trichlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958) 5861
$C_{12}H_6Cl_4O$	2,2',4,4'-Tetrachloro-biphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958) 5861
$C_{12}H_6Cl_4O_2S$	2,2'-Thiobis-(4,6-dichlorophenol)	2.7-3.0μ	Sol	H bond, Freq	Baker	JACS	80 (1958) 5358
$C_{12}H_6N_2$	1,2-Dicyanonaphthalene	-	-	Group study	Adams	JACS	74 (1952) 5562
$C_{12}H_6N_2O_2$	Naphthalene-1,5-diisocyanate	-	Sol	Band freq, I	Davison	JCS	- (1953) 3712
$C_{12}H_6O_2$	Acenaphthenequinone	-	S	Group freq	Josien	JACS	73 (1951) 478
$C_{12}H_6O_2S$	Thiophanthraquinone	3-15μ	S	Spec	Weinmayr	JACS	74 (1952) 4361
$C_{12}H_6O_3$	Naphthalene-1,2-dicarbonylic acid anhydride	3-12μ	Sol	Spec	Modest	JACS	72 (1950) 577
$C_{12}H_6O_7$	3-Methoxy-6-methyl-pyromellitic acid	-	Sol	Group freq	Herchstein	JACS	75 (1953) 5455
$C_{12}H_6O_{12}$	Hexacarboxybenzene	640-2020	S	Spec	Cannon	SA	4 (1951) 373
		2-15μ	S	Spec, Freq, Assign	Gonzalez-Sanchez	SA	12 (1958) 17
$C_{12}H_7BrO$	2-Bromoacenaphthenone	-	Sol	Anal	Brutcher	CIL	- (1957) 1295

$C_{12}H_7BrO_2$	2-Bromo-4-hydroxy-dibenzofuran	-	Sol,S	Freq	Oita	JOC	20	(1955)	657
$C_{12}H_7BrS$	1-Bromodibenzothiophene	-	-	Spec	Gilman	JACS	76	(1954)	2906
$C_{12}H_7BrS$	4-Bromodibenzothiophene	-	-	Substitution effect	Gilman	JACS	76	(1954)	5786
$C_{12}H_7Br_3O$	2',4,4'-Tribromo-biphenyl ether	1200-1400	S	Substitution effect	Dahlgard	JACS	80	(1958)	5861
$C_{12}H_7ClN_2O_5$	Chlorotrihydroxyphenazine -5,10-dioxide	650-5000	S	Spec	Gagnon	CJC	35	(1957)	1423
$C_{12}H_7ClO$	2-Chloroacenaphthenone	-	Sol	Anal	Brutcher	CIL	-	(1957)	1295
$C_{12}H_7ClO_2$	1-Chloro-4-hydroxy-dibenzofuran	-	-	Group freq	Gilman	JACS	76	(1954)	5787
$C_{12}H_7ClO_2$	2-Chloro-4-hydroxy-dibenzofuran	-	Sol,S	Group freq	Oita	JOC	20	(1955)	657
$C_{12}H_7ClS$	1-Chlorodibenzothiophene	-	-	Spec	Gilman	JACS	76	(1954)	2906
$C_{12}H_7Cl_2NO_3$	2-Nitrophenyl 2',4'-dichlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958)	5861
$C_{12}H_7Cl_2NO_3$	4-Nitrophenyl 2',4'-dichlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958)	5861
$C_{12}H_7Cl_2NO_3$	4-Nitrophenyl 2',6'-dichlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958)	5861
$C_{12}H_7Cl_2NO_3S$	2,6-Dichloro-p-quinone-4-benzenesulfonimide	-	-	Group freq	Adams	JACS	76	(1954)	1114
$C_{12}H_7Cl_3N_2O_2$	Trichlorodihydroxy-dihydrophenazine	650-5000	S	Spec	Gagnon	CJC	35	(1957)	1423
$C_{12}H_7Cl_3O$	2,2',4'-Trichloro-biphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958)	5861

$C_{12}H_7Cl_3O$	2',4,4'-Trichloro-biphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958) 5861
$C_{12}H_7NO_3S$	9-Thia-1-azaanthrone-9,9-dioxide	-	S	Group freq, Ident	Mann	JCS	-	(1952) 2057
		-	-	Struct, Band freq	Kruger	JCS	-	(1954) 3905
$C_{12}H_7NO_3S$	9-Thia-2-azaanthrone-9,9-dioxide	-	-	Band freq	Kruger	JCS	-	(1954) 3905
$C_{12}H_7NO_3S$	9-Thia-4-aza-anthrone-9,9-dioxide	-	-	Band freq	Kruger	JCS	-	(1954) 3905
$C_{12}H_7NO_4$	2,5-Dihydroxy-1,6-dioxoisojuline	-	-	Group freq	Braunholtz	JCS	-	(1955) 398
$C_{12}H_7NO_4$	α-p-Methoxyphenyl-α'-cyanomaleic anhydride	2-16 μ	Sol	Spec, Freq	Rondenstvedt	JOC	19	(1954) 119
$C_{12}H_7N_3$	3,4-Dicyano-1-naphthyl-amine	-	-	Group study	Adams	JACS	74	(1952) 5562
$C_{12}H_7N_3O_4$	6-Nitro-4-phenyl-benzofuroxane	-	-	Spec	Smith	JACS	73	(1951) 2435
$C_{12}H_7N_3O_7$	2,4,6-Trinitrodiphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958) 5861
$C_{12}H_7N_3O_7$	2,4,6-Trinitro-3-hydroxybiphenyl	-	-	Spec	Colbert	JACS	77	(1955) 2447
$C_{12}H_7N_5O_4$	1-(2',4'-Dinitrophenyl) benzotriazole	-	S	Band freq	O'Sullivan	JCS	-	(1960) 3653
$C_{12}H_7N_5O_4$	1-(4',5-Dinitrophenyl) benzotriazole	-	S	Band freq	O'Sullivan	JCS	-	(1960) 3653
$C_{12}H_7N_5O_4$	1-(5,7-Dinitrophenyl) benzotriazole	-	S	Band freq	O'Sullivan	JCS	-	(1960) 3653

$C_{12}H_8$	Acenaphthylene	700-1700 690-2000	L,S Sol	Spec Spec	Richards Cannon	PRS A195 SA 4	(1948) (1951)	1 373
$C_{12}H_8$	Diphenylene	640-2000	Sol	Spec	Cannon	SA 4	(1951)	373
$C_{12}H_8$	2-Naphthylacetylene	-	Sol	Band freq, I	Jacobs	JOC 17	(1952)	475
$C_{12}H_8DCl_2O_4P$	Di-p-chlorophenyl hydrogen phosphate-d_1	600-3000	S	H bond	Hadzi	PRCS -	(1960)	241
$C_{12}H_8BrClN_2O_3$	Bromo derivative of chlorotrihydroxy-dihydrophenazine	650-5000	-	Spec	Gagnon	CJC 35	(1957)	1423
$C_{12}H_8BrNO_3$	2-Nitrophenyl 2'-bromophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS 80	(1958)	5861
$C_{12}H_8BrNO_3$	2-Nitrophenyl 4'-bromophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS 80	(1958)	5861
$C_{12}H_8Br_2N_2$	4,4'-Dibromoazobenzene	1-15 μ	S,L, Sol	Assign	Maier	ZE 62	(1958)	1020
$C_{12}H_8Br_2N_2O$	4,4'-Dibromoazoxybenzene	1-15 μ	S,L, Sol	Assign	Maier	ZE 62	(1958)	1020
$C_{12}H_8Br_2O$	4,4'-Dibromodiphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS 80	(1958)	5861
$C_{12}H_8Br_2O_2S$	Di-p-bromophenyl sulfone	-	Sol	Group freq	Waight	JCS -	(1952)	2440
$C_{12}H_8ClNO_3$	2-Chloro-4-nitro-diphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS 80	(1958)	5861
$C_{12}H_8ClNO_3$	2-Nitrophenyl 2'-chlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS 80	(1958)	5861

$C_{12}H_8ClNO_3$	2-Nitrophenyl 4'-chlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958)	5861
$C_{12}H_8ClNO_3$	4-Nitrophenyl 4'-chlorophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958)	5861
$C_{12}H_8ClNO_4$	2-Benzylidine-4,5-diketo-3-oxazolidine-acetyl chloride	2-8 μ	Sol	Spec	Sheehan	JACS	74 (1952)	360
$C_{12}H_8Cl_2NO_2$	p-Chlorophenoxy)p-chlorophenyl)dimide	-	-	Spec	Kauffman	A	634 (1959)	64
$C_{12}H_8Cl_2N_2O$	4-4'-Dichloroazoxybenzene	1-15 μ	S,L, Sol	Assign	Maier	ZE	62 (1958)	1020
$C_{12}H_8Cl_2N_4O$	cis-cis-1,5-bis(p-Chlorophenyl)3-oxapentaza-1, 4-diene	-	-	Spec	Kauffman	A	634 (1959)	64
$C_{12}H_8Cl_2N_4O_2S$	p-Chlorobenzenediazo sulfone	600-1800	S	Spec assign	LeFerre	AJC	6 (1953)	341
$C_{12}H_8Cl_2O$	2,4'-Dichlorodiphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958)	5861
$C_{12}H_8Cl_2O$	4,4'-Dichlorodiphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958)	5861
$C_{12}H_8Cl_2O_2S$	bis-(p-Chlorophenyl) sulfone	7-15 μ -	Sol -	Spec, Anal Ident	Downing Baker	IEC AC	18 (1946) 25 (1953)	461 1457
$C_{12}H_8Cl_2O_3S$	p-Chlorobenzenesulfonic acid, p-chlorophenyl ester(ovex)	650-1400	Sol	Anal	McDonald	AC	29 (1957)	339
$C_{12}H_8Cl_6$	Aldrin	2.3-15 μ	Sol	Spec, Anal	Garhart	AC	24 (1952)	851

$C_{12}H_8Cl_6O$	Dieldrine	2-15μ	Sol	Spec, Anal	Garhart	AC	24 (1952)	851
$C_{12}H_8F_2N_2$	4,4'-Difluoroazobenzene	1-15μ	Sol,S, L	Assign	Maier	ZE	62 (1958)	1020
$C_{12}H_8F_2N_2O$	4-4'-Difluoroazoxybenzene	1-15μ	S,L, Sol	Assign	Maier	ZE	62 (1958)	1020
$C_{12}H_8F_{14}O_4$	1,4-Butanediol bis-heptafluorobutyrate	-	L	Group freq	Rappaport	JACS	75 (1953)	2695
$C_{12}H_8I_2N_2$	4,4'-Diiodoazobenzene	11-15μ	S,L Sol	Assign	Maier	ZE	62 (1958)	1020
$C_{12}H_8I_2N_2O$	4,4'-Diiodoazoxybenzene	1-15μ	S,L, Sol	Assign	Maier	ZE	62 (1958)	1020
$C_{12}H_8N_2$	1,7-Phenanthroline	3000	L	Spec	Perkampus	ZE	64 (1960)	951
$C_{12}H_8N_2$	1,10-Phenanthroline	600-2000	S	Spec	Schilt	JINC	9 (1959)	211
		3000	L	Spec	Perkampus	ZE	64 (1960)	951
$C_{12}H_8N_2 \cdot H_2O$	1,10-Phenanthroline monohydrate	600-4000	S	Assign	Bush	JACS	78 (1956)	1137
$C_{12}H_8N_2 \cdot HClO_4$	1,10-Phenanthroline perchlorate	600-2000	S	Spec	Schilt	JINC	9 (1959)	211
$C_{12}H_8N_2$	Phenazine	650-5000	S	Spec	Gagnon	CJC	35 (1957)	1423
		3000	L	Spec	Perkampus	ZE	64 (1960)	951
$C_{12}H_8N_2O \cdot H_2O$	6-Hydroxy-1,7-phenanthroline	-	S	Taut, Freq	Mason	JCS	- (1957)	4874
$C_{12}H_8N_2O$	1-Hydroxyphenazine	-	S	Taut, Freq	Mason	JCS	- (1957)	4874
$C_{12}H_8N_2O$	2-Hydroxyphenazine	-	S	Taut, Freq	Mason	JCS	- (1957)	4874
$C_{12}H_8N_2O_2$	N-β-Naphthylsydnone	2-15μ	S	Spec	Earl	JCS	- (1951)	2207
		-	-	Group freq	Fugger	JCS	- (1955)	1843

$C_{12}H_8N_2O_2$	3-Nitrocarbazole	2-8.2 μ	Sol	Spec, Group freq	Smith	JACS 73 (1951) 2435
$C_{12}H_8N_2O_2$	Phenazine di-N-oxide	800-1600	-	Spec, Ident	Clemo	JCS - (1950) 1481
		650-5000	S	Spec	Gagnon	CJC 35 (1957) 1423
$C_{12}H_8N_2O_2$	4-Phenylbenzfuroxan	2-8.2 μ	Sol	Spec, Group freq	Smith	JACS 73 (1951) 2435
$C_{12}H_8N_2O_3$	1-Hydroxyphenazine di-N-oxide	800-1600		Spec, Ident	Clemo	JCS - (1950) 1481
$C_{12}H_8N_2O_3$	2-(p-Nitrobenzoyl) pyridine	700-1700	Sol	Freq, Assign, Substitution effect	Katritzky	JCS - (1959) 2051
$C_{12}H_8N_2O_3$	m-Nitrobenzoyl-2-pyridine	700-1700	Sol	Substitution effect	Katritzky	JCS - (1959) 2058
$C_{12}H_8N_2O_4$	2,2'-Dinitrobiphenyl	-	S,Sol	Group freq	De Tar	JACS 77 (1955) 3842
$C_{12}H_8N_2O_4$	2,3'-Dinitrobiphenyl	-	S,Sol	Group freq	De Tar	JACS 77 (1955) 3842
$C_{12}H_8N_2O_4$	2,4'-Dinitrobiphenyl	-	S,Sol	Group freq	De Tar	JACS 77 (1955) 3842
$C_{12}H_8N_2O_4$	3,3'-Dinitrobiphenyl	-	S,Sol	Group freq	De Tar	JACS 77 (1955) 3842
$C_{12}H_8N_2O_4$	3,4'-Dinitrobiphenyl	-	S,Sol	Group freq	De Tar	JACS 77 (1955) 3842
$C_{12}H_8N_2O_4$	4,4'-Dinitrobiphenyl	700-3500	S	Spec, Struct	Burton	JCS - (1950) 1316
		-	Sol,S	Group freq	De Tar	JACS 17 (1955) 3842
		1300-1600	S,Sol	Struct	Kross	JACS 78 (1956) 4225
$C_{12}H_8N_2O_4S$	p,p'-Dinitrodiphenyl sulfide	1300-1600	S,Sol	Struc	Kross	JACS 78 (1956) 4225
$C_{12}H_8N_2O_4S_2$	p,p'-Dinitrodiphenyl disulphide	1300-1600	S,Sol	Struc	Kross	JACS 78 (1956) 4225
$C_{12}H_8N_2O_5$	2,4-Dinitrodiphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS 80 (1958) 5861
$C_{12}H_8N_2O_5$	2,4-Dinitro-3-hydroxybiphenyl	-	-	Spec	Colbert	JACS 72 (1950) 2447

$C_{12}H_8N_2O_5$	2,6-Dinitro-3-hydroxybiphenyl	-	-	Spec	Colbert	JACS	77 (1955)	2447
$C_{12}H_8N_2O$	4,6-Dinitro-3-hydroxybiphenyl	-	-	Spec	Colbert	JACS	77 (1955)	2447
$C_{12}H_8N_2S$	2-(4-Pyridyl)-benzothiazole	-	Sol	Struc	Porter	JACS	76 (1954)	127
$C_{12}H_8N_4O$	1-α-Picolinoylpyrido-triazole	600-3200	S,Sol	Spec	Boyer	JOC	25 (1960)	304
$C_{12}H_8N_4O_2$	1-[2 -Nitrophenyl]-benzotriazole	-	S	Band freq, H bond	O'Sullivan	JCS	- (1960)	3653
$C_{12}H_8N_4O_2$	5-Nitro-1-phenyl-benzotriazole	650-1000		Freq	Binder	JACS	81 (1959)	3608
$C_{12}H_8N_4O_2$	1-(5-Nitrophenyl) benzotriazole	-	S	Band freq, H bond	O'Sullivan	JCS	- (1960)	3653
$C_{12}H_8N_4O_6$	bis-(5-Methyl-3-isoxazolecarbonyl) furoxan	-	S,Sol	I, Group freq	Boyer	JACS	77 (1955)	4238
$C_{12}H_8N_6O_4$	bis-(5-Methyl-3-isoxazolecarbonyl) furoxanazine	-	S,Sol	I, Group freq	Boyer	JACS	77 (1955)	4238
$C_{12}H_8O$	1-Acenaphthenone	-	Sol	Anal	Brutcher	CIL	- (1957)	1295
$C_{12}H_8O$	Diphenyl oxide (Dibenzfuran)	850-1950	-	Spec	Barnes	IEC	15 (1943)	659
		700-1500	Sol	Assign, Spec	Richards	JCS	- (1947)	1260
		-	-	Ident	Entel	JACS	77 (1955)	611
$C_{12}H_8O_2$	Diphenoquinone	-	S	Group freq	Hadzi	JACS	73 (1951)	5460
		1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
		722-1639	S	Table	Brown	JCS	- (1954)	1280
		1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526

$C_{12}H_8O_2$	2-Hydroxy-1-naphthaleneacetic acid lactone	-	-	Ident	Tarbell	JACS	76	(1954)	5761
$C_{12}H_8O_2$	Phenyl-p-benzoquinone	-	-	Substitution effect	Flagg	NWS	43	(1956)	467
$C_{12}H_8O_2$	6-Phenyl-1,4-benzoquinone	5-15μ	S	Spec, Struc	Edwards	JAPC	10	(1960)	246
$C_{12}H_8O_2S_2$	Diphenylthio sulphonate	7-9μ	S	Assign	Hazeldine	JCS	-	(1955)	2901
$C_{12}H_8O_5B_2$	Di-o-phenylene diborate	6-14μ	L,S	Group freq, Struc	Blau	JCS	-	(1960)	380
$C_{12}H_8S$	Dibenzothiophene	-	-	Ident	Gilman	JACS	77	(1955)	3387
$C_{12}H_9DN_2O$	2-Hydroxyazobenzene-d_1	600-1700	Sol	Assign, Struc	Hadzi	JCS	-	(1956)	214
$C_{12}H_9DN_2O$	4-Hydroxyazobenzene-d_1	600-3400	S	Assign, Struc	Hadzi	JCS	-	(1956)	214
$C_{12}H_9Br$	2-Bromodiphenyl	-	S	Iso, Band freq, Anal	Augood	JCS	-	(1953)	3412
		-	L	Iso, Anal	Dannley	JACS	76	(1954)	445
$C_{12}H_9Br$	3-Bromodiphenyl	-	S,Sol	Anal, Band freq	Augood	JCS	-	(1953)	3412
		-	L	Anal, Iso	Dannley	JACS	76	(1954)	445
$C_{12}H_9Br$	4-Bromobiphenyl	-	S,Sol	Anal, Band freq	Augood	JCS	-	(1953)	3412
		-	-	Anal, Iso	Dannley	JACS	76	(1954)	445
$C_{12}H_9BrClNO_3$	4-Chloro-5-bromodiacetylindoxyl	700-4000	Sol	Band freq, Assign substitution effect	Holt	JCS	-	(1958)	1217
$C_{12}H_9BrN_2$	3-Bromoazobenzene	600-1700	S	Spec, Freq	Le Fevre	AJC	10	(1957)	26
$C_{12}H_9BrN_2$	4-Bromoazobenzene	600-1700	S	Spec, Freq	Le Fevre	AJC	10	(1957)	26
$C_{12}H_9BrN_2O_3$	Bromotrihydroxydihydrophenazine	650-5000	S	Spec	Gagnon	CJC	35	(1957)	1423
$C_{12}H_9BrO$	o-Bromodiphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958)	5861
$C_{12}H_9BrO$	p-Bromodiphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958)	5861

$C_{12}H_9BrO_3$	2-Ethoxy-3-bromo-1,4-naphthoquinone	1600-1800	Sol,S	Group freq	Josien	JCP	21	(1953)	331
$C_{12}H_9Cl$	m-Chlorodiphenyl	725-875	Sol	Anal	Hey	JCS	-	(1952)	1974
		730-880	S,L, Sol	Anal	Augood	JCS	-	(1953)	44
		-	L	Anal, Iso	Dannley	JACS	76	(1954)	2997
$C_{12}H_9Cl$	o-Chlorodiphenyl	725-875	Sol	Anal	Hey	JCS	-	(1952)	1974
		730-880	S,L, Sol	Anal	Augood	JCS	-	(1953)	44
		-	L	Anal, Iso	Dannley	JACS	76	(1954)	2997
$C_{12}H_9Cl$	p-Chlorodiphenyl	725-875	Sol	Anal	Hey	JCS	-	(1952)	1974
		730-880	S,L, Sol	Anal	Augood	JCS	-	(1953)	44
		-	L	Anal, Iso	Dannley	JACS	76	(1954)	2997
$C_{12}H_9ClN_2$	m-Chloroazobenzene	600-1700	S	Spec, Freq	Le Fevre	AJC	10	(1957)	26
$C_{12}H_9ClN_2$	p-Chloroazobenzene	600-1700	S	Spec, Freq	Le Fevre	AJC	10	(1957)	26
$C_{12}H_9ClN_2O_3$	Chlorotrihydroxy-dihydrophenazine	650-5000	S	Spec	Gagnon	CJC	35	(1957)	1423
$C_{12}H_9ClN_2O_4S$	N-Benzenesulfonyl-2-chloro-4-nitroaniline	-	S	Group freq	Adams	JACS	76	(1954)	3584
$C_{12}H_9ClN_4O_2S$	5-Benzenesulfonamido-x-chlorobenzotriazole	-	-	Struc	Adams	JACS	75	(1953)	3405
$C_{12}H_9ClO$	2-Chlorodiphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958)	5861
$C_{12}H_9ClO$	4-Chlorodiphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958)	5861
$C_{12}H_9Cl_2NO_2$	1,3-Dichloroacetylindole	700-4000	S	H bond, Band study	Tanner	SA	9	(1957)	282
$C_{12}H_9Cl_2O_4P$	bis(p-Chlorophenyl) hydrogen phosphate	600-3000	S	H bond	Hadzi	PRCS	-	(1960)	241

$C_{12}H_9F$	2-Fluorodiphenyl	-	S,Sol	Anal, Band freq	Augood	JCS	-	(1953)	3412
$C_{12}H_9F$	3-Fluorodiphenyl	-	S,Sol	Anal, Band freq	Augood	JCS	-	(1953)	3412
$C_{12}H_9F$	4-Fluorodiphenyl	-	S,Sol	Anal, Band freq	Augood	JCS	-	(1953)	3412
$C_{12}H_9FN_2$	3-Fluoroazobenzene	600-1700	S	Spec, Freq	Le Fevre	AJC	10	(1957)	26
$C_{12}H_9FN_2$	4-Fluoroazobenzene	600-1700	S	Spec, Freq	Le Fevre	AJC	10	(1957)	26
$C_{12}H_9F_9O_3S$	1,1-Di-H-perfluoro-n-pentyl p-toluene-sulfonate	-	L	Group freq	Tiers	JACS	75	(1953)	5978
$C_{12}H_9I$	2-Iodobiphenyl	-	S	Anal, Band freq	Augood	JCS	-	(1953)	3412
		-	-	Anal	Dannley	JACS	76	(1954)	445
$C_{12}H_9I$	3-Iodobiphenyl	-	S,Sol	Anal, Band freq	Augood	JCS	-	(1953)	3412
		-	-	Anal, Iso	Dannley	JACS	76	(1954)	445
$C_{12}H_9I$	4-Iodobiphenyl	-	S,Sol	Anal, Band freq	Augood	JCS	-	(1953)	3412
		-	-	Anal, Iso	Dannley	JACS	76	(1954)	445
$C_{12}H_9IN_2$	p-Iodoazobenzene	600-1700	S	Spec, Freq	Le Fevre	AJC	10	(1957)	26
$C_{12}H_9N$	Carbazole	6600-7000	Sol	Spec, Anal	Wulf	JACS	57	(1935)	1464
		1100-1700	-	Spec	Barnes	IEC	15	(1943)	659
		730-930	S	Spec, Anal	Richards	JCS	-	(1947)	978
		-	Sol	Table, Band study	Witkop	JACS	72	(1950)	614
		640-2010	Sol,S	Spec	Cannon	SA	4	(1951)	3713
		3μ	L,S	H bond, Band study	Fuson	JCP	20	(1952)	145
		6700-6900	L	Spec, H bond, Group freq	Lauer	APS	6	(1952)	29
		3480	Sol	Group freq	Pozefsky	AC	27	(1955)	1466
		-	Sol	Band freq, I	Russell	JCS	-	(1955)	483
$C_{12}H_9NO$	4-Cyano-4-methyl-1-keto-1,4-dihydro-naphthalene	-	-	Group freq, Struc	Fuson	JOC	17	(1952)	886

$C_{12}H_9NO$	2-Cyano-3-methyl-1-naphthol	-	-	Struc	Fuson	JOC	16	(1951) 1529
$C_{12}H_9NO_2$	N-2-Butynylphthalimide	-	S	Group freq	Ettlenger	JACS	77	(1955) 1831
$C_{12}H_9NO_2$	2-Nitrobiphenyl	670-1200	Sol,S	Spec, Anal	Hey	JCS	-	(1951) 2892
		-	Sol,S	Group freq	Detar	JACS	77	(1955) 3842
		6-8 μ	Sol	Freq, I	Conduit	JCS	-	(1959) 3273
$C_{12}H_9NO_2$	3-Nitrodiphenyl	670-1200	S,Sol	Spec	Hey	JCS	-	(1951) 2892
		-	S,Sol	Group freq	De Tar	JACS	77	(1955) 3842
$C_{12}H_9NO_2$	4-Nitrodiphenyl	670-1200	S,Sol	Spec	Hey	JCS	-	(1951) 2892
		700-1800	L,S	Stretch freq, I	Randle	JCS	-	(1952) 4153
		-	Sol,S	Group freq	De Tar	JACS	77	(1955) 3842
		1300-1600	L	Struc	Kross	JACS	78	(1956) 4225
$C_{12}H_9NO_3$	2-Acetylamino-1,4-naphthoquinone	1600-1800	S,Sol	Group freq	Josien	JCP	21	(1953) 331
$C_{12}H_9NO_3$	2-Hydroxy-2'-nitro-biphenyl	-	Sol	Group study	Colbert	JACS	75	(1953) 2249
$C_{12}H_9NO_3$	2-Nitrodiphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958) 5861
$C_{12}H_9NO_3$	4-Nitrodiphenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958) 5861
$C_{12}H_9NO_3$	2-Nitro-3-hydroxy-biphenyl	-	-	Spec	Colbert	JACS	77	(1955) 2447
$C_{12}H_9NO_3$	4-Nitro-3-hydroxy-biphenyl	-	-	Spec	Colbert	JACS	77	(1955) 2447
$C_{12}H_9NO_3$	6-Nitro-3-hydroxy-biphenyl	-	-	Spec	Colbert	JACS	77	(1955) 2447
$C_{12}H_9NO_5$	Methyl α-phthalimido-malonaldehydate	-	-	Band freq, Group freq	Sheehan	JACS	76	(1954) 158

$C_{12}H_9NS$	Phenothiazine	2-22 μ	S	Spec, Struc	Smith	JOC	15	(1950)	1125
		-	-	Review paper	Passie	CR	54	(1954)	797
$C_{12}H_9N_2O_8P$	Di-p-nitrophenyl hydrogen phosphate	-	-	Group study, Group freq	Bellamy	JCS	-	(1952)	1701
		-	-	Group freq, Shift	Bell	JACS	76	(1954)	5185
		600-4000	S	Group study	Braunholtz	JCS	-	(1959)	868
$C_{12}H_9N_3$	1-Phenylbenzotriazole	650-1000	-	Freq	Binder	JACS	81	(1959)	3608
		-	S	H bond, Band freq	O'Sullivan	JCS	-	(1960)	3653
$C_{12}H_9N_3O_2$	3-Nitroazobenzene	-	S	Spec, Freq	Le Fevre	AJC	10	(1957)	26
$C_{12}H_9N_3O_2$	4-Nitroazobenzene	-	S	Spec, Freq	Le Fevre	AJC	10	(1957)	26
$C_{12}H_9N_3O_2$	6-Nitroharman	2.5-15 μ	-	Spec	Snyder	JACS	70	(1948)	222
$C_{12}H_9N_3O_2$	8-Nitroharman	2.5-15 μ	-	Spec	Snyder	JACS	70	(1948)	222
$C_{12}H_9N_3O_4$	p-Nitrobenzeneazo-resorcinol	1300-1600	L	Struc	Kross	JACS	78	(1956)	4225
$C_{12}H_9O_2B$	o-Phylenephenyl-boronate	6-14 μ	L,S	Assign, Struc	Blau	JCS	-	(1960)	380
$C_{12}H_9O_3B$	Phenyl-o-phenylene borate	6-14 μ	L,S	Assign, Struc	Blau	JCS	-	(1960)	380
$C_{12}H_{10}$	Acenaphthene	3.1-3.7 μ	Sol	Spec	Fox	PRS	A167	(1938)	257
		680-2000	Sol	Spec	Cannon	SA	4	(1951)	373
$C_{12}H_{10}$	Diphenyl	1850-1800	-	Spec	Barnes	IEC	15	(1943)	659
		700-1700	L,S	Spec	Richards	PRS	A195	(1948)	1
		8000-9000	Sol	Anal	Hibbard	AC	21	(1949)	486
		700-3500	S	Spec, Struc	Burton	JCS	-	(1950)	1316
		2-14.5 μ	Sol	Anal, Spec	Ipatieff	JACS	72	(1950)	2772
		650-2040	Sol	Spec	Cannon	SA	4	(1951)	373
		-	Sol	Anal	Kuodel	AC	24	(1952)	1824
		9.2-14.7 μ	Sol	Spec, Ident	Adams	AC	25	(1953)	1073

		3-15 μ	S,L	Spec	Nachod	APS	7	(1953)	91
		-	Sol	Anal	Newhall	AC	26	(1954)	1234
		-	-	Ident	Silverman	AC	26	(1954)	434
		-	Sol	Anal	De Tar	JACS	77	(1955)	1745
		2-25 μ	S,Sol	Spec, Table, Assign	Dale	ACS	11	(1957)	640
		-	L,S	Assign	Hidalgo	ARS	A54	(1958)	451
		600-4000	Sol	Group freq, Substitution effect	Katritzky	JCS	-	(1958)	4155
		5-38 μ	S	Spec, Freq, Assign	Stewart	JRNB	60	(1958)	125
		15-35 μ	S	Spec, Struc	Bentley	SA	15	(1959)	165
		-	-	Assign, Thermo, Struc	Katon	DA	20	(1959)	523
		300-4000	Sol	Spec, Assign, Thermo	Katon	SA	15	(1959)	627
		11.9-18.4 μ	Sol	Anal	Keen	AC	31	(1959)	1741
		5-15 μ	S	I, Freq, Shift	Lippincott	SA	16	(1960)	58
		700-3000	-	Spec	Peregudov	OS	9	(1960)	295
$C_{12}H_{10}BrNO$	N-Acetyl-3-Bromo-1-azulylamine	-	S	Ident	Anderson	JACS	75	(1953)	4980
$C_{12}H_{10}BrNO_3$	5-Bromodiacetylindoxyl	700-4000	Sol	Substitution effect, Freq	Holt	JCS	-	(1958)	1217
$C_{12}H_{10}BrNO_3$	6-Bromodiacetylindoxyl	700-400	Sol	Substitution effect, Freq	Holt	JCS	-	(1958)	1217
$C_{12}H_{10}ClNO$	1-Chloro-2-acetamido-naphthalene	-	S,Sol	Correlation rule	Cencelj	SA	7	(1955)	274
$C_{12}H_{10}ClNO_2$	2-Chloro-3-ethylamino-naphthaquinone	2200-2800	Sol	Spec	Buckley	JCS	-	(1957)	4891
$C_{12}H_{10}ClNO_3$	4-Chlorodiacetylindoxyl	700-4000	Sol	Freq, Substitution effect	Holt	JCS	-	(1958)	1217
$C_{12}H_{10}ClNO_3$	5-Chlorodiacetylindoxyl	700-4000	Sol	Freq, Substitution effect	Holt	JCS	-	(1958)	1217
$C_{12}H_{10}ClNO_3$	6-Chlorodiacetylindoxyl	700-4000	Sol	Freq, Substitution effect	Holt	JCS	-	(1958)	1217

$C_{12}H_{10}ClOP$	Diphenylchlorophosphine oxide	2-21 μ	L	Spec, Anal	Daasch	AC	23	(1951)	853
		-	-	Group freq, Shift	Bell	JACS	76	(1954)	5185
$C_{12}H_{10}ClO_3P$	Diphenyl chlorophosphonate	700-4000	Sol	Spec, Group freq	Bellamy	JCS	-	(1952)	475
		900-1060	Sol	Group and Band freq	Halman	JCS	-	(1953)	626
		-	-	Group freq, Shift	Bell	JACS	76	(1954)	5185
$C_{12}H_{10}Cl_2Si$	Dichlorodiphenylsilane	2-30 μ	Sol	Spec, Struc, Correlation Anal	Grenoble	APS	14	(1960)	85
		2-15 μ	Sol	Freq, Struc	Smith	SA	16	(1960)	87
$C_{12}H_{10}Cl_3NO_2$	2,3,5-Trichloro-6-(2'-pyrrolidinovinyl) benzoquinone	2200-8000	Sol	Absorption	Buckley	JCS	-	(1957)	4891
$C_{12}H_{10}Cl_3NO_3$	2,3,5-Trichloro-6-(2'-morpholinovinyl)-p-benzoquinone	2200-8000	Sol	Ident	Buckley	JCS	-	(1957)	4891
$C_{12}H_{10}Cl_4N_3P_3$	Biphenyl trimeric phosphoronitrilic chloride	1150-1350	-	Freq, Shift, Struct	Shaw	CIL	-	(1959)	54
$C_{12}H_{10}FNO_3$	5-Fluorodiacetyl-indoxyl	700-4000	Sol	Freq, Substitution effect	Holt	JCS	-	(1958)	1217
$C_{12}H_{10}INO_3$	5-Iododiacetylindoxyl	700-4000	Sol	Substitution effect, Assign	Holt	JCS	-	(1958)	1217
$C_{12}H_{10}INO_3$	6-Iododiacetylindoxyl	700-4000	Sol	Substitution effect, Assign	Holt	JCS	-	(1958)	1217
$C_{12}H_{10}NO_4As$	m-Nitrophenyl phenylarsinic acid	600-4000	S	Group study	Braunholtz	JCS	-	(1959)	868
$C_{12}H_{10}N_2$	Azobenzene	1250-1650	-	Spec	Barnes	IEC	15	(1943)	659
		-	-	Group study	Linnett	TFS	41	(1945)	223
		-	Sol	Anal	De Tar	JACS	77	(1955)	1745
		3000-3800	Sol	H bond	Brealey	JACS	77	(1955)	4462

		1-15 μ	S,L, Sol	Assign	Maier	ZE	62 (1958)	1020
$C_{12}H_{10}N_2$	cis-Azobenzene	600-1800	S	Spec, Assign	Le Fevre	AJC	6 (1953)	341
$C_{12}H_{10}N_2$	trans-Azobenzene	600-1800	S	Spec, Assign	Le Fevre	AJC	6 (1953)	341
$C_{12}H_{10}N_2$	Benzylmethylmaleidinitrile	-	-	Indic of purity	Beech	JCS	- (1955)	423
$C_{12}H_{10}N_2$	1,2-Di-(2-pyridyl)ethene	-	Sol	Group study	Campbell	JACS	76 (1954)	1371
$C_{12}H_{10}N_2$	Harman	-	Sol	Group freq	Marion	JACS	73 (1951)	305
$C_{12}H_{10}N_2O$	Azoxybenzene	1-15 μ	S,L, Sol	Assign	Maier	ZE	62 (1958)	1020
$C_{12}H_{10}N_2O$	N-Nitrosodiphenylamine	2-15 μ	S	Spec, Group study	Earl	JCS	- (1951)	2207
		2-15 μ	Sol	Spec, Group freq	Pristera	AC	25 (1953)	844
$C_{12}H_{10}N_2O$	4-Phenylazophenol	6900-7200	Sol	Spec, H bond	Hendricks	JACS	58 (1936)	1991
		7000	-	Absorp. band	Wulf	JCP	6 (1938)	702
		3 μ	Sol	Group freq	Ingraham	JACS	74 (1952)	2297
		2200-3400	S	Assign, Struc	Hadzi	JCS	- (1956)	2143
		600-1700	S	Spec, Freq	Le Vevre	AJC	10 (1957)	26
		-	Sol	Freq, Band study	Stone	SA	10 (1958)	17
$C_{12}H_{10}N_2O$	2-Phenylazophenol	600-1700	Sol	Assign, Struc	Hadzi	JCS	- (1956)	2143
$C_{12}H_{10}N_2O$	N-(2-Pyridyl)benzamide	4000-6000	Sol	Group freq, Substitution effect	Katritzky	JCS	- (1958)	4155
		-	Sol	Group study, Assign, I, Struct	Katritzky	JCS	- (1959)	2067
$C_{12}H_{10}N_2O$	N-(3-Pyridyl)benzamide	600-3000	Sol	Assign, Symmetry	Katritzky	JCS	- (1958)	3165
		4000-6000	Sol	Group freq, Substitution effect	Katritzky	JCS	- (1958)	4155
		-	Sol	Group study, Assign, I, Struct	Katritzky	JCS	- (1959)	2067

$C_{12}H_{10}N_2O$	N-(4-Pyridyl)benzamide	4000-6000	Sol	Group freq, Substitution effect	Katritzky	JCS	-	(1958)	4155
		-	Sol	Group study, Assign, I, Struct	Katritzky	JCS	-	(1959)	2067
$C_{12}H_{10}N_2O_2$	2-Benzylaminopyridine-N-oxide	800-3000	Sol	Substitution effect, I	Katritzky	JCS	-	(1958)	2195
		4000-6000	Sol	Group freq, Substitution effect	Katritzky	JCS	-	(1958)	4155
		-	Sol	Group freq, Assign, I, Struct	Katritzky	JCS	-	(1959)	2067
$C_{12}H_{10}N_2O_2$	N,N'-Diphenyldiimide monoxide	600-1600	L,S, Sol	Freq	George	CJC	37	(1959)	679
$C_{12}H_{10}N_2O_2$	p-Nitrobenzylpyridine	700-1700	Sol	Freq, Substitution effect	Katritzky	JCS	-	(1959)	2051
$C_{12}H_{10}N_2O_2$	2-p-Nitrobenzylpyridine	700-1700	Sol	Freq, Substitution effect	Katritzky	JCS	-	(1959)	2051
$C_{12}H_{10}N_2O_2$	2-Nitrodiphenylamine	2-15 μ	Sol	Spec, Anal, Group freq	Pristera	AC	25	(1953)	844
		-	Sol	Band freq, I	Russell	JCS	-	(1955)	483
		3200-3500	Sol	Group freq	Moritz	SA	15	(1959)	242
$C_{12}H_{10}N_2O_2$	p-Nitrodiphenylamine	1300-1600	S,Sol	Struc	Kross	JACS	78	(1956)	4225
$C_{12}H_{10}N_2O_2$	Nitrosobenzene dimer	-	-	Group freq	Jauder	JCS	-	(1954)	912
$C_{12}H_{10}N_2O_2S_4$	3,3'-Diallyl-4,4'-dioxo-2,2'-Dithio-5,5'-dithiazolidinylidene	-	-	Group freq, Struc	Mackie	JCS	-	(1954)	3919
$C_{12}H_{10}N_2O_3$	p-Azoxyphenol	-	S	Group freq, Struc	Leonard	JOC	17	(1952)	1071
$C_{12}H_{10}N_2O_3$	γ-Keto-β-methylglutaconic anhydride phenylhydrazone	-	-	Group freq	Wiley	JACS	77	(1955)	403

$C_{12}H_{10}N_2O_3$	p-Nitrobenzylpyridine-N-oxide	700-1700	Sol	Freq, Assign, Substitution effect	Katritzky	JCS	-	(1959)	2051
$C_{12}H_{10}N_2O_3$	2-p-Nitrobenzylpyridine-N-oxide	700-1700	Sol	Freq, Assign, Substitution effect	Katritzky	JCS	-	(1959)	2051
$C_{12}H_{10}N_2O_3$	4-(p'-Nitrobenzyl) pyridine-1-oxide	600-3000	Sol	Substitution effect	Katritzky	JCS	-	(1958)	2192
$C_{12}H_{10}N_2O_4S$	N-Benzenesulfonyl-p-nitroaniline	-	S,Sol	Group freq	Baxter	JCS	-	(1955)	669
$C_{12}H_{10}N_2O_5$	5-Nitrodiacetylindoxyl	700-4000	Sol	Assign, Substitution effect	Holt	JCS	-	(1958)	1217
$C_{12}H_{10}N_2O_5$	6-Nitrodiacetylindoxyl	700-400	Sol	Assign, Substitution effect	Holt	JCS	-	(1958)	1217
$C_{12}H_{10}N_4O_5$	5-Methyl-2-furaldehyde-2,4-dinitrophenyl-hydrazone	2-15μ	S	Band spec, Ident	Jones	AC	28	(1956)	191
$C_{12}H_{10}O$	Acenaphthenol	2.75-2.90μ	Sol	Freq, H bond	Moriconi	JACS	81	(1959)	6472
$C_{12}H_{10}O$	α-Acetonaphthone	1600-3700	Sol	Group freq	Hunsberger	JACS	72	(1950)	5626
$C_{12}H_{10}O$	2-Acetonaphthone	1600-3700	Sol	Group freq	Hunsberger	JACS	72	(1950)	5626
$C_{12}H_{10}O$	Diphenyl ether	1050-1800	-	Spec	Barnes	IEC	15	(1943)	659
		700-1500	Sol	Spec, Assign	Richards	JCS	-	(1947)	1260
		1750	Sol	Freq	Kross	JACS	77	(1955)	5858
		625-900	Sol	Substitution effect	Margoshes	SA	7	(1955)	14
		1200-1400	Sol	Substitution effect	Dahlgard	JACS	80	(1958)	5861
$C_{12}H_{10}O$	o-Phenylphenol	6800-7200	Sol	Group freq, Substitution effect	Wulf	JACS	58	(1936)	2287
		3607-7035	-	Freq	Fox	PRS	A162	(1937)	419
		1050-1800	-	Spec	Barnes	IEC	15	(1943)	659
		700-3700	S,Sol	Assign, Spec	Richards	JCS	-	(1947)	1260

		2.5-15 μ	Sol	Spec, Band freq, Table	Friedel	JACS	73	(1951)	2881
		-	S,Sol	Freq	Josien	PR	83	(1951)	486
		2.7-3.0 μ	Sol	H bond, Freq	Baker	JACS	80	(1958)	5358
		-	-	Spec	Oki	BCSJ	33	(1960)	717
		3500-3800	Sol	Freq	Puttnam	JCS	-	(1960)	5100
$C_{12}H_{10}O$	p-Phenylphenol	1050-1800	-	Spec	Barnes	IEC	15	(1943)	659
		700-1500	S	Assign, Spec	Richards	JCS	-	(1947)	1260
		700-3500	S	Spec, Struc	Burton	JCS	-	(1950)	1316
		-	-	Anal	Golumbic	JACS	72	(1950)	1939
		-	S,Sol	Freq	Josien	PR	83	(1951)	486
		2.84 μ	Sol	Anal	Simard	AC	23	(1951)	1384
		3 μ	Sol	Freq	Ingraham	JACS	74	(1952)	2297
		-	Sol	Substitution effect	Stone	SA	10	(1958)	17
		3500-3800	Sol	Freq	Puttnam	JCS	-	(1960)	5100
$C_{12}H_{10}OS$	5-Phenyl-2-acetyl-thiophene	-	-	Spec	Otsuji	NKZ	80	(1959)	1199
$C_{12}H_{10}OS$	Diphenyl sulfoxide	990-1110	L,S, Sol	Spec, Freq table, H bond	Barnard	JCS	-	(1949)	2442
		1000-1500	Sol	Spec	Schreiber	AC	21	(1949)	1168
		900-1200	S,Sol	Spec, Band freq	Cymerman	JCS	-	(1951)	1332
		7-10 μ	S,Sol	Assign, Correlation	Haszeldine	JCS	-	(1955)	2901
$C_{12}H_{10}O_2$	cis-1,2-Acenaphthenediol	2.75-2.90 μ	Sol	Freq, H bond	Moriconi	JACS	81	(1959)	6472
$C_{12}H_{10}O_2$	trans-1,2-Acenaphthene-diol	2.75-2.9 μ	Sol	Freq, H bond	Moriooni	JACS	81	(1959)	6472
$C_{12}H_{10}O_2$	4,5-Benztropolone methyl ether	700-3780	S	Spec	Tarbell	JACS	74	(1952)	1234
$C_{12}H_{10}O_2$	2,2'-Dihydroxydiphenyl	3100-3700	Sol,S	Assign, Spec	Richards	JCS	-	(1947)	1260
		-	S	Group study	Thompson	JCS	-	(1947)	289
$C_{12}H_{10}O_2$	2,3-Dimethyl-1,4-naphthoquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	330

$C_{12}H_{10}O_2$	2,6-Dimethyl-1,4-naphthoquinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	330
$C_{12}H_{10}O_2$	2,7-Dimethyl-1,4-naphthoquinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	330
$C_{12}H_{10}O_2$	3,7-Dimethyl-1,2-naphthoquinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	330
$C_{12}H_{10}O_2$	1-Hydroxy-2-aceto-naphthone	-	Sol	H bond	Hilbert	JACS	58 (1936)	548
		650-3800	S	Spec, Chelation study	Hunsberger	JACS	72 (1950)	5626
		3 μ	Sol	Freq, H bond	Flett	SA	10 (1958)	21
$C_{12}H_{10}O_2$	2-Hydroxy-1-aceto-naphthone	650-3800	S	Spec, Chelation study	Hunsberger	JACS	72 (1950)	5626
$C_{12}H_{10}O_2$	3-Hydroxy-2-aceto-naphthone	630-380	S	Spec, Chelation study	Hunsberger	JACS	72 (1950)	5626
$C_{12}H_{10}O_2$	Methyl 1-azuloate	-	-	Ident	Anderson	JACS	75 (1953)	4979
		-	-	Ident	Anderson	JACS	75 (1953)	4980
$C_{12}H_{10}O_2$	Methyl α-naphoate	1600-3700	Sol	Spec, Chelation study, Group freq	Hunsberger	JACS	72 (1950)	5626
$C_{12}H_{10}O_2$	Methyl β-naphoate	1600-3700	Sol	Spec, Chelation study, Group freq	Hunsberger	JACS	72 (1950)	5626
$C_{12}H_{10}O_2$	o-Phenoxyphenol	3 μ	Sol	Freq, H bond	Flett	SA	10 (1958)	21
$C_{12}H_{10}O_2$	4-Phenylcatechol	3 μ	Sol	Freq	Ingraham	JACS	74 (1952)	2297
$C_{12}H_{10}O_2S$	bis-(p-Hydroxyphenyl) sulfide	1000-1500	Sol	Spec	Schreiber	AC	21 (1947)	1168
$C_{12}H_{10}O_2S$	Diphenyl sulfone	1000-1500	Sol	Spec	Schreiber	AC	21 (1949)	1168
		5.5-2.4 μ	S	Spec, Group freq and Table	Cymerman	JCS	- (1951)	1332

		-	Sol	Group freq	Waight	JCS	-	(1952)	2440
		-	Sol	Ident	Djerassi	JACS	75	(1953)	3838
		6-9 μ	S,Sol	Assign, Correlation	Haszeldine	JCS	-	(1955)	2901
		-	S	Substitution effect	Momose	CPBT	6	(1958)	412
		1100-1400	Sol	Spec, Freq	Bavin	SA	16	(1960)	1312
$C_{12}H_{10}O_2S$	2,2'-Thiodiphenol	2.7-3.0 μ	Sol	H bond	Baker	JACS	80	(1958)	5358
$C_{12}H_{10}O_2S_2$	Phenyl benzenethio-sulfonate	5.5-24 μ	S	Spec, Group freq and Table	Cymerman	JCS	-	(1951)	1332
$C_{12}H_{10}O_3$	Methyl 1-hydroxy-2-naphthoate	650-3800	S	Spec, Chelation study	Hunsberger	JACS	72	(1950)	5626
$C_{12}H_{10}O_3$	Methyl 2-hydroxy-1-naphthoate	650-3800	S	Spec, Chelation study	Hunsberger	JACS	72	(1950)	5626
$C_{12}H_{10}O_3$	Methyl 3-hydroxy-2-naphthoate	650-3800	S	Spec, Chelation study	Hunsberger	JACS	72	(1950)	5626
$C_{12}H_{10}O_3$	2-Naphthol-1-acetic acid	-	-	Ident	Tarbell	JACS	76	(1954)	5761
$C_{12}H_{10}O_3S$	o-Hydroxydiphenyl sulfone	-	S,Sol	Group freq	Amstutz	JACS	73	(1951)	1220
$C_{12}H_{10}O_3S$	p-Hydroxydiphenyl sulfone	-	S,Sol	Group freq	Amstutz	JACS	73	(1951)	1220
$C_{12}H_{10}O_4$	2,3,6,7-bis-(Methylene-dioxy)-9,10-dihydronaph-thalene	700-500	S,Sol	Group freq	Briggs	AC	29	(1957)	904
$C_{12}H_{10}O_4$	3-Hydroxy-2-naphthyl-glycolic acid	-	S	Group freq	Soffer	JACS	74	(1952)	1556
$C_{12}H_{10}O_4$	Quinhydrone	2.7-3.5 μ	S	Spec, H bond	Davies	JCP	8	(1940)	577
$C_{12}H_{10}O_4$	Terranaphthoic acid	-	S	Group freq	Hochstein	JACS	75	(1953)	5455

$C_{12}H_{10}O_4S$	bis-(p-Hydroxyphenyl) sulfone	1000-1500	Sol	Spec	Schreiber	AC	21 (1949)	1168
$C_{12}H_{10}O_4S_2$	Diphenyl disulphone	1000-1500	Sol	Spec	Schreiber	AC	21 (1949)	1168
		5.5-24 μ	S	Spec, Band freq	Cymerman	JCS	- (1951)	1332
$C_{12}H_{10}O_4S_3$	bis-Benzenesulfonyl sulfide	5.5-24 μ	S	Spec, Band freq	Cymerman	JCS	- (1951)	1332
		6-9 μ	S	Assign, Correlation	Haszeldine	JCS	- (1955)	2901
$C_{12}H_{10}S$	Phenyl sulfide	0.6-2.8 μ	L	Group study	Ellis	JACS	50 (1928)	2113
		1000-1500	Sol	Spec	Schreiber	AC	21 (1949)	1168
		1080	L	Freq vs electronegativity correlation	Kross	JACS	77 (1955)	5858
		625-900	L	Substitution effect	Margoshes	SA	7 (1955)	14
$C_{12}H_{10}S_2$	Phenyl disulfide	1000-1500	Sol	Spec	Schreiber	AC	21 (1949)	1168
		5.5-24 μ	S	Spec, Band freq and Table	Cymerman	JCS	- (1951)	1332
$C_{12}H_{10}Se$	Diphenylselenide	-	L	Substitution effect, freq vs electronegativity correlation	Kross	JACS	77 (1955)	5858
		625-900	L	Substitution effect	Margoshes	SA	7 (1955)	14
$C_{12}H_{11}ClN_2O$	6-Chloro-1-(2'-cyano) ethyl-1,2,3,4-tetrahydro -4-ketoquinoline	-	-	Group & band freq, struct	Braunholtz	JCS	- (1953)	1817
$C_{12}H_{11}ClN_2O_2S$	N'-Benzenesulfonyl-2-chloro-p-phenylene-diamine	-	S	Group freq	Adams	JACS	76 (1954)	3584
$C_{12}H_{11}ClSi$	Monochlorodiphenyl-silane	2050-2250	Sol	Freq	Smith	SA	15 (1959)	412
$C_{12}H_{11}ClSi$	Phenyl-p-chlorophenyl-silane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651

$C_{12}H_{11}F_3O_2$	α-Ethylbenzoyltrifluoroacetone	-	-	Group freq, Anal	Barkeley	JACS	75	(1953)	2059
$C_{12}H_{11}F_3O_2$	2-(1,1,1-Trifluoro)-Δ^2-pentyl benzoate	-	-	Anal	Barkley	JACS	75	(1953)	2059
$C_{12}H_{11}N$	m-Aminodiphenyl	3μ	Sol	Freq	Elliot	JCS	-	(1959)	1275
$C_{12}H_{11}N$	o-Aminodiphenyl	800-1600	-	I	Katritzky	JCS	-	(1959)	3670
		-	-	Freq, Assign, Struc	Katritzky	JCS	-	(1959)	3674
$C_{12}H_{11}N$	p-Aminodiphenyl	-	Sol	Group freq	Krueger	PRS	243	(1957)	143
		1400-2600	-	Struct, Group study	Whetsel	AC	30	(1958)	1598
		3μ	Sol	Freq	Elliot	JCS	-	(1959)	1275
$C_{12}H_{11}N$	Benzyl-2-pyridine	600-4000	Sol	Group freq, Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{12}H_{11}N$	Benzyl-4-pyridine	600-4000	Sol	Group freq, Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{12}H_{11}N$	Diphenylamine	2-12μ	L	Spec	Bell	JACS	48	(1926)	813
		6-2.2μ	L	Group study	Ellis	JACS	50	(1928)	685
		6550-6850	Sol	Group band	Liddel	JACS	55	(1933)	3574
		6500-6800	Sol	Spec, Group study, Anal	Wulf	JACS	57	(1935)	1464
		2.7-3.5μ	S,Sol	H bond	Buswell	JACS	62	(1940)	2759
		2.6-3.1μ	Sol	H bond	Gordy	JACS	62	(1940)	497
		1050-1800	-	Spec	Barnes	IEC	15	(1943)	659
		-	-	Group study	Linnett	TFS	41	(1945)	223
		3200-3550	Sol	H bond, Spec	Richards	JCS	-	(1947)	1260
		3420	-	Group freq	Flett	JCS	-	(1948)	1441
		-	-	Group study	Richards	TFS	44	(1948)	40
		3435	Sol	Group study, I	Richards	TFS	45	(1949)	874
		3μ	L	Group freq, H bond	Fuson	JCP	20	(1952)	145
		2-15μ	Sol	Spec, Group freq	Pristera	AC	25	(1953)	844
		-	S,Sol	Group freq	Baxter	JCS	-	(1955)	669
		-	-	Anal	Dannley	JOC	20	(1955)	92
		-	Sol	Band freq, I	Russel	JCS	-	(1955)	483

		600-4000	S	Spec	Heacock	CJC	34	(1956) 1782
		-	S	Freq	Hadzi	JCS	-	(1957) 843
		2900-3100	Sol	Freq	Hill	JCS	-	(1958) 760
		600-4000	Sol	Group freq, Substitution effect	Katritzky	JCS	-	(1958) 4155
		3100-3550	Sol	H bond	Lund	ACS	12	(1958) 298
		3200-3500	Sol	Group freq	Moritz	SA	15	(1959) 242
$C_{12}H_{11}N$	β-(2-Pyrrole)styrene	-	-	Group freq	Herz	JACS	76	(1954) 576
$C_{12}H_{11}N \cdot HCl$	4-Benzylpyridine hydrochloride	-	-	Group freq	Witkop	JACS	76	(1954) 5597
$C_{12}H_{11}N \cdot HBr$	Diphenylamine hydrobromide	1000-3500	S	Band study	Chenon	CJC	36	(1958) 1181
$C_{12}H_{11}N \cdot HCl$	Diphenylamine hydrochloride	600-4000	S	Spec, Freq	Heacock	CJC	34	(1956) 1782
		1000-3500	S	Band study	Chenon	CJC	36	(1958) 1181
$C_{12}H_{11}N \cdot HI$	Diphenylamine hydriodide	1000-3500	S	Band study	Chenon	CJC	36	(1958) 1181
		2000-4000	S,Sol	H bond	Brisette	CJC	38	(1960) 34
$C_{12}H_{11}NO$	N-Acetyl-1-azulylamine	-	-	I	Anderson	JACS	75	(1953) 4980
$C_{12}H_{11}NO$	2-Benzylidenepyridine-N-hydroxide	4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958) 4155
$C_{12}H_{11}NO$	2-Benzyloxypyridine	4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958) 4155
$C_{12}H_{11}NO$	Benzyl-2-pyridine-1-oxide	600-4000	Sol	Group freq, Substitution effect	Katritzky	JCS	-	(1958) 4155
$C_{12}H_{11}NO$	Benzyl-4-pyridine-1-oxide	600-400	Sol	Group freq, Substitution effect	Katritzky	JCS	-	(1958) 4155
		600-3000	Sol	Substitution effect	Katritzky	JCS	-	(1958) 2192
$C_{12}H_{11}NO$	N-Benzylpyridone-2	800-4000	S	Spec, Freq	Katritzky	JCS	-	(1960) 2947
$C_{12}H_{11}NO$	N-Benzylpyridone-4	800-4000	S	Spec, Freq	Katritzky	JCS	-	(1960) 2947

$C_{12}H_{11}NO$	4-Cyano-4-methyl-1-keto-1,2,3,4-tetrahydronaphthalene	-	-	Group freq	Fuson	JOC	74 (1952) 886
$C_{12}H_{11}NO$	2,3-Cyclopenteno-4-quinolone	2-12μ	S	Spec, Group freq	Witkop	JACS	73 (1951) 2641
$C_{12}H_{11}NO$	3,4-Cyclopenteno-2-quinolone	2-12μ	S	Spec, Group freq	Witkop	JACS	73 (1951) 2641
$C_{12}H_{11}NOS$	Benzylthio-2-pyridine-1-oxide	800-3000	Sol	Substitution effect	Katritzky	JCS	- (1958) 2195
		600-4000	Sol	Group freq, Substitution effect	Katritzky	JCS	- (1958) 4155
$C_{12}H_{11}NOS$	Benzylthio-4-pyridine-1-oxide	600-4000	Sol	Group freq, Substitution effect	Katritzky	JCS	- (1958) 4155
		600-3000	Sol	Substitution effect, I	Katritzky	JCS	- (1958) 2192
$C_{12}H_{11}NOS$	N-Methyl(thiofuranilide)	600-1700	S	Spec, Freq, Assign	Hadzi	JCS	- (1957) 847
$C_{12}H_{11}NO_2$	4-Benzyloxypyridine-1-oxide	600-3000	Sol	Substitution effect	Katritzky	JCS	- (1958) 2192
		4000-600	Sol	Substitution effect	Katritzky	JCS	- (1958) 4155
$C_{12}H_{11}NO_2$	o-Carbethoxycinnamonitrile	-	-	Group freq	Curry	JACS	75 (1953) 5740
$C_{12}H_{11}NO_2$	N-cis-Crotylphthalimide	10.65-14.42μ	S	Group freq, Table	Ettlinger	JACS	77 (1955) 1831
$C_{12}H_{11}NO_2$	N-trans-crotylphthalimide	10.23-14.18μ	S	Freq	Ettlinger	JACS	77 (1955) 1831
$C_{12}H_{11}NO_2$	1,3-Diacetylindole	700-4000	S	Spec, Freq	Tanner	SA	9 (1957) 282
$C_{12}H_{11}NO_2$	2,6-Dihydroxy-4-methyl-3-phenylazopyridine	757-3356	S	Band freq, Table	Ames	JCS	- (1953) 3008
$C_{12}H_{11}NO_2$	3-Ethoxycarbonylquinoline	1300-1700	Sol	Freq	Katritzky	JCS	- (1960) 2942
$C_{12}H_{11}NO_2$	7-Ethoxycarbonyl-quinoline	1300-1700	Sol	Freq	Katritzky	JCS	- (1960) 2942

$C_{12}H_{11}NO_2$	Ethyl o-cyanocinnamate	-	-	Group freq	Curry	JACS	75	(1953) 5740
$C_{12}H_{11}NO_2$	N-Benzyloxypyridone-2	800-4000	S	Spec, Freq	Katritzky	JCS	-	(1960) 2947
$C_{12}H_{11}NO_2$	N-Benzyloxypyridone-4	800-4000	S	Spec, Freq	Katritzky	JCS	-	(1960) 2947
$C_{12}H_{11}NO_2S$	Benzenesulfonanilide	-	S,Sol	Group freq	Baxter	JCS	-	(1955) 669
$C_{12}H_{11}NO_3$	3-Carboxy-2-methyl-4-oxo-1-phenyl-Δ^2-pyrroline	2-8μ	S	I table	Davoll	JCS	-	(1953) 3802
$C_{12}H_{11}NO_3$	3-Carboxy-4-methoxy-1-phenylpyrrole	2-8μ	S	I table	Davoll	JCS	-	(1953) 3802
$C_{12}H_{11}NO_3$	Diacetylindoxyl	700-4000	Sol	Freq, Assign, Substitution effect	Holt	JCS	-	(1958) 1217
$C_{12}H_{11}NO_3$	5-Ethoxycarbonyl-8-hydroxyquinoline	3300-3400	Sol	Freq, I, Substitution effect, H bond	Badger	JCS	-	(1958) 3437
$C_{12}H_{11}NO_3$	Ethyl β-cyano-β-phenylpyruvate	-	S	Band freq, I	Chase	JCS	-	(1953) 3518
$C_{12}H_{11}NO_4$	5-Carbethoxymethyl-isatin	1500-3500	S	Freq, Struc	Sadler	JCS	-	(1959) 667
$C_{12}H_{11}NO_4$	Phthalylglycine ethyl ester	1380-1450	Sol	Spec, Shift	Friedberg	JACS	74	(1952) 833
$C_{12}H_{11}NO_5$	Benzyloxycarbonyl-L-aspartic anhydride	-	S	Iso	John	JCS	-	(1954) 2870
$C_{12}H_{11}NS$	N-Benzylpyrid-4-thione	800-4000	S	Spec, Freq	Katritzky	JCS	-	(1960) 2947
$C_{12}H_{11}NS$	Benzylthio-2-pyridine	600-4000	Sol	Group freq, Substitution effect	Katritzky	JCS	-	(1958) 4155

$C_{12}H_{11}NS$	Benzylthio-4-pyridine	600-4000	Sol	Group freq, Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{12}H_{11}N_3$	p-Aminoazobenzene	600-1800	S	Spec, Assign	Le Fevre	AJC	6	(1953)	341
		-	S	Spec, Freq	Le Fevre	AJC	10	(1957)	26
		-	-	Absorption, Assign, Struct	Katritzky	JCS	-	(1959)	3674
$C_{12}H_{11}N_3$	Diazoaminobenzene	600-1800	S	Spec, Assign	Le Fevre	AJC	6	(1953)	341
		-	Sol	Substitution effect	Dyall	AJC	13	(1960)	230
$C_{12}H_{11}N_3$	p-Phenyldiazoaniline	-	Sol	Freq	Krueger	PRS	243	(1957)	143
		700-1700	Sol	Freq, Assign, Substitution effect	Katritzky	JCS	-	(1959)	2051
$C_{12}H_{11}N_3 \cdot HCl$	p-Aminoazobenzene hydrochloride	600-1800	S	Spec, Assign	Le Fevre	AJC	6	(1953)	341
$C_{12}H_{11}N_3O_3$	1-cyano-α-ethylcarboxy-glyoxal phenylhydrazone	650-4000	S,Sol	H bond, Freq	Tanner	SA	15	(1959)	20
$C_{12}H_{11}N_3O_3$	α-p-Nitrobenzylamino-pyridine-N-oxide	800-3000	Sol	Substitution effect	Katritzky	JCS	-	(1958)	2195
$C_{12}H_{11}N_3O_3S$	2-Thio-3-0-nitrophenyl 1,5-trimethylenehydant oin (derived from l-psoline)	600-4000	S	Spec, Ident	Epp	AC	29	(1957)	1283
$C_{12}H_{11}N_3O_5S$	2-Thio-3-0-nitro-phenylhydantoin-5-propanoic acid (derived from l-glutamic acid)	600-400	S	Spec, Ident	Epp	AC	29	(1957)	1283
$C_{12}H_{11}N_5$	1-(2',4'-Diaminophenyl) benzotriazole	-	Sol	Band freq, H bond	O'Sullivan	JCS	-	(1960)	3653
$C_{12}H_{11}O_2P$	Diphenylhypophosphorous acid	1500-4000	S	Spec	Braunholtz	JCS	-	(1959)	868

$C_{12}H_{11}O_3P$	Phenyl hydrogenphenyl-phosphonate	600-5000	S,Sol	Spec, H bond	Peppard	JINC	12 (1960)	60
$C_{12}H_{11}O_4P$	Diphenyl hydrogen-phosphate	-	Sol,S	Group Freq	Bellamy	JCS	- (1952)	1701
		500-4000	Sol,S	H bond	Peppard	JINC	7 (1958)	231
$C_{12}H_{11}O_4P \cdot 2H_2O$	Diphenyl hydrogen phosphate monohydrate	-	S	Group freq	Bellamy	JCS	- (1952)	1701
$C_{12}H_{11}PS_2$	Diphenylphosphinodithioic acid	2200-2700	Sol	H bond, Spec	Allen	JCS	- (1957)	3912
$C_{12}H_{12}$	1,3-Dimethylazulene	-	-	Review	Gordon	CR	50 (1952)	127
$C_{12}H_{12}$	1,4-Dimethylazulene	-	-	Review	Gordon	CR	50 (1952)	127
$C_{12}H_{12}$	4,8-Dimethylazulene	-	-	Review	Gordon	CR	50 (1952)	127
$C_{12}H_{12}$	8,8-Dimethylbenzofulvene	4000-660	Sol	Spec	Wood	AC	30 (1958)	1339
$C_{12}H_{12}$	1,2-Dimethylnaphthalene	690-900	S,Sol	Correlation	Cencelj	SA	7 (1955)	274
		2-15μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{12}H_{12}$	1,6-Dimethylnaphthalene	650-2000	L	Spec	Cannon	SA	4 (1951)	373
		-	-	Ident	Phillips	JACS	77 (1955)	3658
$C_{12}H_{12}$	1,7-Dimethylnaphthalene	630-900	S,Sol	Correlation rule	Cencelj	SA	7 (1955)	274
$C_{12}H_{12}$	1,8-Dimethylnaphthalene	630-900	S,Sol	Correlation rule	Cencelj	SA	7 (1955)	274
$C_{12}H_{12}$	2,3-Dimethylnaphthalene	670-2000	Sol	Spec	Cannon	SA	4 (1951)	373
$C_{12}H_{12}$	2,6-Dimethylnaphthalene	640-2000	Sol	Spec	Cannon	SA	4 (1951)	373
$C_{12}H_{12}$	2,7-Dimethylnaphthalene	650-2020	Sol	Spec	Cannon	SA	4 (1951)	373
$C_{12}H_{12}$	1-Ethylnaphthalene	6μ	-	Spec	Kutz	JACS	70 (1948)	4026
		15-35μ	S	Spec, Struc, Correlation	Bentley	SA	15 (1959)	165

$C_{12}H_{12}Br_2O_6$	Diethyl 2,5-dihydroxy-3,6-dibromotereph-thalate	6600-7000	Sol	Band spec, H bond	Hilbert	JACS	58	(1936)	548
$C_{12}H_{12}ClNO_2 \cdot HCl$	3-Dimethylaminomethyl-6-chlorochromone hydrochloride	-	-	Spec	Wiley	JACS	74	(1952)	4326
$C_{12}H_{12}ClN_2OP$	Dianilinochlorophos-phine oxide	-	S	Group freq	Bellamy	JCS	-	(1952)	1701
$C_{12}H_{12}Cl_3NO_2$	2,3,5-Trichloro-6,2'-diethylaminovinyl-quinone	2200-2800	Sol	Absorption	Buckley	JCS	-	(1957)	4891
$C_{12}H_{12}F_4NB$	Diphenylammonium tetrafluoroborate	-	S	H bond, Band freq	Nuttall	JCS	-	(1960)	4965
$C_{12}H_{12}NO_3P$	Diphenylamino-phosphonate	-	S,Sol	Group freq	Bellamy	JCS	-	(1952)	1701
		-	-	Group freq, Shift	Bell	JACS	76	(1954)	5185
$C_{12}H_{12}NO_3P$	Phenyl hydrogen anilinophosphonate	-	-	Group freq	Bellamy	JCS	-	(1952)	1701
$C_{12}H_{12}N_2$	Benzidine	6400-7000	Sol	Band spec, Anal	Wulf	JACS	57	(1935)	1464
		1050-1800	-	Spec	Barnes	IEC	15	(1943)	659
$C_{12}H_{12}N_2$	1-Cyanomethyl-2,3-dimethylpyrrocoline	-	-	Group freq	Rossiter	JCS	-	(1953)	3654
$C_{12}H_{12}N_2$	1,2-Di-(2-pyridyl)ethane	-	Sol	Ind of purity	Campbell	JACS	76	(1954)	1371
$C_{12}H_{12}N_2$	Hydrazobenzene	6300-6800	Sol	Band spec, Anal	Wulf	JACS	57	(1935)	1464
		-	S	Struc	Cohen	JACS	75	(1953)	880
$C_{12}H_{12}N_2 \cdot 2HCl$	Benzidine dihydro-chloride	2-8 μ	-	Spec	Nakanishi	BCSJ	30	(1957)	403
$C_{12}H_{12}N \cdot 2HI$	Hydrazobenzene dihydriodide	-	S	Group freq	Cohen	JACS	75	(1953)	880

$C_{12}H_{12}N_2O$	6-Acetyl-2,4-dimethyl-quinazoline	700-3500	S	Spec, Table, Assign	Culbertson	JACS	74 (1952)	4834
$C_{12}H_{12}N_2O$	2-Acetylfuran phenyl-hydrazone	800-1700	Sol	Freq, Assign	Katritzky	JCS	- (1959)	657
$C_{12}H_{12}N_2O$	1-Amino-3-hydroxy-4-methyl-5-phenylpyridine	2.86-6.50μ	-	Table, I	Moore	JACS	77 (1955)	3417
$C_{12}H_{12}N_2O$	α-Benzylaminopyridine N-oxide	800-3000	Sol	Substitution effect	Katritzky	JCS	- (1958)	2195
$C_{12}H_{12}N_2O$	4-Hydroxy-5-methyl-6-phenyl-7H-1,2-diazepine	3.01-7.45μ	-	Table, I	Moore	JACS	77 (1955)	3417
$C_{12}H_{12}N_2OS$	1-Oxy-2-phenyl-3-thio-1-imidazolidino-(1,5-α) pyrrolidine	2.5-15μ	S	Spec, I	Ramachandran	AC	27 (1955)	1734
$C_{12}H_{12}N_2O_2$	3-Indolylglyoxalic acid N,N-dimethylamide	700-4000	S	H bond, Group study	Tanner	SA	9 (1957)	282
$C_{12}H_{12}N_2O_2$	2-Ethoxycarbonylamino-quinoline	1300-1700	Sol	Freq	Katritzky	JCS	- (1960)	2942
$C_{12}H_{12}N_2O_2$	Spiro-[cyclopentane-1,2'-N-nitroso-ψ-indoxyl]	-	Sol	Table, Major peaks	Witkop	JACS	72 (1950)	614
$C_{12}H_{12}N_2O_2S$	Di-p-aminophenyl sulfone	-	S	Substitution effect	Momose	CPBT	6 (1957)	412
$C_{12}H_{12}N_2O_2S$	1-Oxy-2-phenyl-3-thio-1-imidazolidino-(1,5-α)-6-hydroxypyrrolidine	2.5-15μ	S	Spec, I	Ramachandran	AC	27 (1955)	1734
$C_{12}H_{12}N_2O_3$	Luminal	2-16μ	Sol	Spec, Table, Freq	Umberger	AC	24 (1952)	1309
		2.5-16μ	S	Spec, Anal	Levi	AC	28 (1956)	1591
		-	-	Ident	Cleverley	ANA	85 (1960)	582

$C_{12}H_{12}N_2O_3 \cdot HCl$	Ethyl 4-quinazolone-3-acetate hydrochloride	-	-	Group freq	Baker	JOC	20	(1955) 118
$C_{12}H_{12}N_2O_3S$	3-Phenyl-2-thio-5-hydantoinpropionic acid	2.5-15 μ	S,L	Spec, Ident	Ramachandran	AC	27	(1955) 1734
$C_{12}H_{12}N_2O_3S_2$	4,4-Dimethyl-3-p-nitrobenzoyl-2-thiothiazolidone	-	-	Group freq	Clapp	JACS	75	(1953) 1490
$C_{12}H_{12}N_2O_3S_2$	4-Ethyl-3-p-nitrobenzoyl-2-thiothiazolidone	-	-	Group freq	Clapp	JACS	75	(1953) 1490
$C_{12}H_{12}N_2O_4S$	5-Ethyl-3-p-nitrobenzoyl-2-thiooxazolidone	-	-	Group freq	Clapp	JACS	75	(1953) 1490
$C_{12}H_{12}N_2S_2$	Di-p-aminophenyl disulfide	5.5-24 μ	S	Spec, Band freq, Group freq	Cymerman	JCS	-	(1951) 1332
$C_{12}H_{12}N_4O_2$	2-N-Vinylanilino-4-hydroxy-6-methoxy-s-triazine	-	-	Spec, Band freq, Struc	Schaefer	JACS	73	(1951) 3004
$C_{12}H_{12}N_4O_4S$	2-Thio-3-o-nitrophenyl hydantoin-5-propionamide (Derived from l-Glutamine)	600-4000	S	Spec, Ident	Epp	AC	29	(1957) 1283
$C_{12}H_{12}O$	Ethyl 2-naphthyl ether	-	-	Group freq	Tsou	JACS	76	(1954) 3704
		-	-	Band freq	Tsou	JACS	76	(1954) 6108
$C_{12}H_{12}O$	2-Methyl-3-phenyl-cyclopentene-1-one	-	S,Sol	Band study	Yates	JACS	80	(1958) 5896
$C_{12}H_{12}O$	4-Methyl-3-phenyl-2-cyclopenten-1-one	-	S,Sol	Band study	Yates	JACS	80	(1958) 5896

$C_{12}H_{12}O$	1-α-Naphthylethanol-1	665-5000	L	Group freq	Zeiss	JACS	75 (1953)	897
$C_{12}H_{12}O$	1-β-Naphthylethanol-1	665-5000	L	Group freq	Zeiss	JACS	75 (1953)	897
$C_{12}H_{12}O$	3-Phenylcyclohex-2-en-1-one	-	Sol	Band study	Walker	JACS	77 (1955)	3664
$C_{12}H_{12}O$	Styryl cyclopropyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{12}H_{12}OSi$	Diphenylsilanol	3300-3700	Sol	H bond	West	JACS	81 (1959)	6145
$C_{12}H_{12}O_2$	α-Benzylidene-δ-valerolactone	-	S,L	Group freq, Struc	Pinder	JCS	- (1952)	2236
$C_{12}H_{12}O_2$	2(2-Hydroxyethoxy) naphthalene	3μ	Sol	Freq, H bond	Flett	SA	10 (1958)	21
$C_{12}H_{12}O_2$	3-Methyl-5-phenyl-2-cis, 4-trans-pentadienoic acid	-	-	Band study	Cawley	JACS	77 (1955)	4130
$C_{12}H_{12}O_2$	3-Methyl-5-phenyl-2-trans,4-cis-pentadienoic acid	-	-	Band study	Cawley	JACS	77 (1955)	4130
$C_{12}H_{12}O_2$	3-Methyl-5-phenyl-all-trans-pentadienoic acid	-	-	Band study	Cawley	JACS	77 (1955)	4130
$C_{12}H_{12}O_2Si$	Dihydroxydiphenyl-silane	500-1650	S	Spec, Table, Assign	Richards	JCS	- (1949)	124
		2-16μ	S	Spec	Tatlock	JOC	17 (1952)	1555
$C_{12}H_{12}O_3$	2-Acetyl-8-hydroxy-1-tetralone	-	Sol	Band freq	Hochstein	JACS	75 (1953)	5455
$C_{12}H_{12}O_3$	endo-6,6-Dimethylfulvene maleic anhydride adduct	2-25μ	S	Spec, Freq	Craig	JACS	76 (1954)	4573

$C_{12}H_{12}O_3$	exo-6,6-Dimethylfulvene maleic anhydride adduct	2-25 μ	S	Spec, Freq	Craig	JACS 76 (1954) 4573
$C_{12}H_{12}O_3$	2,4-Dimethyl-2-phenyl-6-keto-1,3-dioxene	2-16 μ	Sol	Spec	Carrol	JACS 75 (1953) 5400
$C_{12}H_{12}O_3$	3-Hydroxy-2-naphthyl-ethylene glycol	-	S	Group freq	Soffer	JACS 74 (1952) 1556
$C_{12}H_{12}O_3$	6-Methoxy-2,3-dimethyl-chromone	-	Sol	Band study	Morton	JCS 123 (1923) 2570
$C_{12}H_{12}O_3$	7-Methoxy-2,3-dimethyl-chromone	-	Sol	Band study	Morton	JCS 123 (1923) 2570
$C_{12}H_{12}O_3$	8-Methoxy-2,3-dimethyl-chromone	-	Sol	Band study	Morton	JCS 123 (1923) 2570
$C_{12}H_{12}O_4$	Deoarboxyterracinoic acid	2-16 μ -	Sol -	Spec Ident	Pasternack Conover	JACS 74 (1952) 1928 JACS 75 (1953) 4017
$C_{12}H_{12}O_4$	3-Ethyl-4-hydroxy-6-methoxycoumarin	2-15 μ	S,Sol	Struc, Spec	Farmer	SA 15 (1959) 870
$C_{12}H_{12}O_4$	Isodecarboxyterracinoic acid	- -	- Sol	Ident Group freq	Conover Hochstein	JACS 75 (1953) 4017 JACS 75 (1953) 5455
$C_{12}H_{12}O_4$	Methyl α-methyl-3,4-methylenedioxy-cinnamate	2-15.5 μ 700-1100	Sol Sol	Spec, Group freq, Struc Group freq	Schrecker Briggs	JACS 76 (1954) 4896 AC 29 (1957) 904
$C_{12}H_{12}O_5$	7-Acetyl-4,6-di-hydroxy-3,4-dimethyl-coumaran-2-one	-	-	Ident	Dean	JCS - (1955) 2166
$C_{12}H_{12}O_5$	Resacetophenone diacetate	- 1550-4000	Sol S	Band study Group freq	Barton Hergert	JCS - (1953) 603 JACS 75 (1953) 1622

$C_{12}H_{12}O_5$	3-Methoxy-4-acetoxy-cinnamic acid	600-4000	-	Spec, Group freq	Herzert	JOC	25	(1960)	405
$C_{12}H_{12}O_5$	Methyl gladiolate	-	S	Group & Band freq	Grove	JCS	-	(1952)	3345
$C_{12}H_{12}O_5$	Methyl isogladiolate	-	S	Group freq	Grove	JCS	-	(1952)	3345
		729-1173	S,Sol	Table, I	Duncanson	JCS	-	(1953)	3637
$C_{12}H_{12}O_7$	Tetramethoxyphthalic anhydride	-	-	Group freq	Vischer	JCS	-	(1953)	815
$C_{12}H_{12}Si$	Diphenylsilane	2-13 μ	Sol	Spec	West	JOC	18	(1953)	303
		-	Sol,L	Group freq, I	Harvey	JACS	76	(1954)	4555
		2-16 μ	Sol	Freq	Knisley	SA	15	(1959)	651
		2050-2250	Sol	Freq, Struc	Smith	SA	15	(1959)	412
		2-15 μ	Sol	Freq, Struc	Smith	SA	16	(1960)	87
$C_{12}H_{13}ClO$	α-Ethyl-α-chloro-tetralone	-	-	Group freq shift	Stevens	JACS	77	(1955)	4590
$C_{12}H_{13}ClO_6S$	4-Diacetoxymethyl-3-chlorophenylmethyl sulfone	-	S	Freq	Momose	CPBT	6	(1958)	412
$C_{12}H_{13}Cl_2N_3$	9-Chloro-1-ethyl-2,3-dihydro-1H-imidazo [1-2C]quinazoline-4-ium chloride	-	-	Struc	Sherrill	JOC	19	(1954)	699
$C_{12}H_{13}N$	Benzyl-2-pyrrolemethane	-	-	Ident	Herz	JACS	76	(1954)	576
$C_{12}H_{13}N$	γ-Cyclooctatetraenyl-n-propyl cyanide	2-16 μ	L	Spec	Cope	JACS	75	(1953)	3220
$C_{12}H_{13}N$	N,N-Dimethyl-1-naphthylamine	2-12 μ	L	Spec	Bell	JACS	47	(1925)	3039
		6-2.3 μ	L	Group study	Ellis	JACS	50	(1928)	685
$C_{12}H_{13}N$	Ethyl-α-naphthylamine	1-12 μ	L	Spec	Bell	JACS	47	(1925)	3039

		6-2.3μ	L	Group study	Ellis	JACS	50	(1928)	685
		2900-3100	Sol		Hill	JCS	-	(1958)	760
$C_{12}H_{13}N$	1:2:3:4-Tetrahydrocarbazole	2-11μ	Sol	Spec, Table, Major bands	Witkop	JACS	72	(1950)	614
		1300-3500	S	Absorption band	Bhide	TE	4	(1958)	420
$C_{12}H_{13}N$	2,3,8-Trimethylquinoline	2-15μ	Sol	Spec	Karr	JACS	81	(1959)	152
$C_{12}H_{13}N$	2,4,6-Trimethylquinoline	2-15μ	Sol	Spec	Karr	JACS	81	(1959)	152
$C_{12}H_{13}N$	2,4,7-Trimethylquinoline	2-15μ	Sol	Spec	Karr	JACS	81	(1959)	152
$C_{12}H_{13}N$	2,4,8-Trimethylquinoline	2-15μ	Sol	Spec	Karr	JACS	81	(1959)	152
$C_{12}H_{13}N$	2,5,7-Trimethylquinoline	2-15μ	Sol	Spec	Karr	JACS	81	(1959)	152
$C_{12}H_{13}N$	2,5,8-Trimethylquinoline	2-15μ	Sol	Spec	Karr	JACS	81	(1959)	152
$C_{12}H_{13}N$	2,6,8-Trimethylquinoline	2-15μ	Sol	Spec	Karr	JACS	81	(1959)	152
$C_{12}H_{13}N$	2,7,8-Trimethylquinoline	2-15μ	Sol	Spec	Karr	JACS	81	(1959)	152
$C_{12}H_{13}NO$	γ-Cyano-α-methyl-α-phenylbutyraldehyde	-	-	Group study	Fuson	JOC	17	(1952)	886
$C_{12}H_{13}NO$	1-Dimethylamino-2-naphthol	2.7-3.0μ	Sol	H bond, Freq	Baker	JACS	80	(1958)	5358
$C_{12}H_{13}NO$	2,5-Dimethyl-4-oxo-1-phenyl-Δ^2-pyrroline	2-8μ	S	Table, I	Davoll	JCS	-	(1953)	3802
$C_{12}H_{13}NO$	2-(2,5-Dimethylpyrryl) phenol	2.7-3.0μ	Sol	H bond, Freq	Baker	JACS	80	(1958)	5358
$C_{12}H_{13}NO$	3-Ethyl-2-methyl-4-quinolone	1450-4000	S,Sol	Spec, Freq	Price	AJC	12	(1959)	589

$C_{12}H_{13}NO$	11-Hydroxytetrahydrocarbazolenine	2-12 μ	Sol	Spec, Band freq, Struc	Witkop	JACS	73	(1951) 2188
$C_{12}H_{13}NO$	Spiro[cyclopentane-1,2'-ψ-indoxyl](6-aza-7,8-benz-spiro [4,4] nonanone-9)	2-11 μ -	Sol -	Spec Struct	Witkop Witkop	JACS JACS	72 73	(1950) 614 (1951) 2188
$C_{12}H_{13}NO$	Sprio(cyclopentane-1,3'-pseudooxindole)	-	-	Ident	Witkop	JACS	75	(1953) 2572
$C_{12}H_{13}NO$	1,3,4-Trimethyl-carbostyril	2-16 μ	Sol	Spec, Freq	Cook	JOC	22	(1957) 211
$C_{12}H_{13}NO$	1,4,6-Trimethyl-carbostyril	2-16 μ	Sol	Spec, Freq	Cook	JOC	22	(1957) 211
$C_{12}H_{13}NO$	1,4,7-Trimethyl-carbostyril	2-16 μ	Sol	Spec, Freq	Cook	JOC	22	(1957) 211
$C_{12}H_{13}NO_2$	1-Aza-8,9-benzcyclonona-2,7-dione	2-12 μ	Sol	Spec, Struc	Witkop	JACS	73	(1951) 2196
$C_{12}H_{13}NO_2$	Butyrate indoxyl ester	700-4000	S	Freq, Band assign, Struc, H bond	Holt	JCS	-	(1958) 1217
$C_{12}H_{13}NO_2$	γ-Cyano-γ-phenyl-valeric acid	-	-	Group study	Fuson	JOC	17	(1952) 886
$C_{12}H_{13}NO_2$	11-Hydroperoxytetra-hydrocarbazolenine	2-12 μ	Sol	Spec, Band freq, Struc	Witkop	JACS	73	(1951) 2188
$C_{12}H_{13}NO_2$	5-Hydroxy-2,5-dimethyl-4-oxo-1-phenyl-Δ^2-pyrroline	2-8 μ	S	Table, Group freq, I	Davoll	JCS	-	(1953) 3802
$C_{12}H_{13}NO_2$	Propoxyquinoline-N-oxide	700-3000	-	Spec	Shindo	CPBT	8	(1960) 845

$C_{12}H_{13}NO_2$	2,4,4-Trimethyl-homophthalimide	600-3500	Sol	Assign, Struc, Discussion	Bluhm	SA	13 (1958)	93
$C_{12}H_{13}NO_2 \cdot HCl$	3-Dimethyaminomethyl-chromone hydrochloride	-	-	Spec	Wiley	JACS	74 (1952)	4326
$C_{12}H_{13}NO_3$	2-Benzamido-4-pentenoic acid	2-12μ	-	Spec	Hurd	JOC	18 (1953)	1440
$C_{12}H_{13}NO_3$	N-Benzoyl-2-amino-4-hydroxyvaleric acid lactone	2-11μ	-	Spec	Hurd	JOC	18 (1953)	1440
$C_{12}H_{13}NO_3$	N-Benzyloxyglutarimide	-	Sol	Group freq	Ames	JCS	- (1955)	631
$C_{12}H_{13}NO_3$	4,7-Dimethoxy-1-methyl-2-quinolone	1450-4000	Sol	Spec, Freq	Price	AJC	12 (1959)	589
$C_{12}H_{13}NO_3$	Methyl oxindole-3-propionate	-	-	Ident	Lloyd	JACS	76 (1954)	3651
$C_{12}H_{13}NO_4$	1-Acetyl-5,6-dimethoxy-oxindole	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{12}H_{13}NO_4$	N-Acetylphenaceturic acid	2-8μ	Sol	Spec, Group freq	Sheehan	JACS	74 (1952)	4555
$C_{12}H_{13}NO_4$	2-Methyl-7,8-dimethoxy-homophthalimide	600-3500	Sol	Assign, Struc, discussion	Bluhm	SA	13 (1958)	93
$C_{12}H_{13}NO_4$	N,N,O-Triacetyl-o-aminophenol	-	Sol	Band freq	Witkop	JACS	74 (1952)	3861
$C_{12}H_{13}NO_6$	2,3,6-Triacetoxy-4-methylpyridine	765-1767	L	Table, Band freq	Ames	JCS	- (1953)	3008
$C_{12}H_{13}N_2O_2P$	Dianilinophosphinic acid	-	-	Group freq	Bellamy	JCS	- (1952)	1701
$C_{12}H_{13}N_3$	1-β-Naphthyl-3,3-dimethyl triazen	600-1800	S	Spec assign	Le Fevre	AJC	6 (1953)	341

$C_{12}H_{13}N_3O$	4-Propylidene-3-amino-1-phenyl-5-pyrazolone	400-4000	-	Wave numbers, Discussion	Gagnon	CJC	37 (1959)	110
$C_{12}H_{13}N_3O_2S$	3-Phenyl-2-thio-5-hydantoinpropionamide	2.5-15μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{12}H_{13}N_3O_2S$	2-(p-Sulfonamidophenyl)-4,6-dimethylpyrimidine	-	S	Group freq, Struc	Bergmann	JOC	18 (1953)	64
$C_{12}H_{13}N_3O_3S$	2-Thio-3-o-nitrophenyl-5-isopropylhydantoin (derived from dl valine)	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{12}H_{14}$	All trans-2,4,8,10-dodecatetraen-6-yne	-	Sol	Group freq, I	Allan	JCS	- (1955)	1874
$C_{12}H_{14}$	2-Phenylbicyclopropyl	-	-	Band freq	Smith	JACS	- (1951)	3840
$C_{12}H_{14}$	3-Phenylcyclohexene	-	Sol	Freq, Substitution effect	Potts	AC	27 (1955)	1027
$C_{12}H_{14}$	1,1,3-Trimethylindene	-	-	Ident	Barnes	JACS	76 (1954)	5430
$C_{12}H_{14}ClNO_3$	Cotarnine chloride	-	Sol	Band freq	Witkop	JACS	75 (1953)	4474
$C_{12}H_{14}ClNO_3$	Ethyl N-benzyl-N-chloroacetylcarbamate	650-4000	Sol	Spec	Pianka	JCS	- (1960)	983
$C_{12}H_{14}ClN_3O$	6-Chloro-3-ethylaminoethyl-4-quinazolone	-	-	Struc	Sherril	JOC	19 (1954)	699
$C_{12}H_{14}ClN_3O$	6-Chloro-4-(2'-ethylaminoethoxy)quinazoline	-	-	Struc	Sherril	JOC	19 (1954)	699
$C_{12}H_{14}ClN_3O.HCl$	6-Chloro-3-ethylaminoethyl-9-quinazolone hydrochloride	-	-	Struc	Sherril	JOC	19 (1954)	699
$C_{12}H_{14}NO_3$	Cotarnine	-	S	Struc	Witkop	JCS	75 (1953)	4474

$C_{12}H_{14}N_2O$	3-Dimethylaminoacetyl-indole	700-4000	S	Spec, Freq	Tanner	SA	9 (1957)	282
$C_{12}H_{14}N_2OS$	5-Isopropyl-3-phenyl-2-thiohydantoin	2.5-15 μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{12}H_{14}N_2OS_2$	5-(2-Methylmercaptoethyl) 3-phenyl-2-thiohydantoin	2.5-15 μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{12}H_{14}N_2O_2$	1,4-Aza-8:9-benz-4-methylcyclonona-2, 7-dione	2-12 μ	S	Spec, Group freq, Struc	Witkop	JACS	75 (1953)	3371
$C_{12}H_{14}N_2O_2$	3-n-Butylbenzoyleneurea	2-16 μ	S	Spec, Group freq	Staiger	JOC	18 (1953)	1427
$C_{12}H_{14}N_2O_2$	1,2-Dimethyl-3-(2-nitroethyl)indole	-	S,Sol	Group freq	Noland	JACS	81 (1959)	1203
$C_{12}H_{14}N_2O_2$	DL-6-Methyltryptophan	-	-	Ident	Snyder	JACS	75 (1953)	1873
$C_{12}H_{14}N_2O_2 \cdot H_3PO_4$	DL-Tryptophan methyl ester phosphate	3-15 μ	L,S	Spec, Freq	Li	JACS	77 (1955)	3519
$C_{12}H_{14}N_2O_3$	N-Acetyl-2-amino-4,5-dimethoxyphenyl-acetonitrile	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{12}H_{14}N_2O_3$	Cyclopal	2-16 μ -	Sol -	Spec, Tables, Freq Ident	Umberger Cleverley	AC ANA	24 (1952) 85 (1960)	1309 582
$C_{12}H_{14}N_2O_3$	1-Ethylcarboxy-β-methyl-glyoxal α-phenylhydrazone	650-4000	S,Sol	Struct	Tanner	SA	15 (1959)	20
$C_{12}H_{14}N_2O_4S$	Carbothiophenylglycyl-DL alanine	-	S	Band freq	Asai	JPC	59 (1955)	322
$C_{12}H_{14}N_2O_5$	3-Acetamido-2,6-diacetoxy-4-methylpyridine	887-3268	S	Band freq	Ames	JCS	- (1953)	3008

$C_{12}H_{14}N_2O_5$	3'-Acetyl-O^2:5'-cyclothymidine	-	-	Ident	Michelson	JCS	- (1955)	816
$C_{12}H_{14}N_2O_5$	2,4-Dinitro-6-cyclohexylphenol	1050-1825	-	Spec	Barnes	IEC	15 (1943)	659
$C_{12}H_{14}N_4$	N,N'-bis-2'-cyanoethyl-O-phenylenediamine	-	-	Group study	Braunholtz	JCS	- (1953)	1817
$C_{12}H_{14}N_4O_4$	Cyclohexanone-2,4-dinitrophenylhydrazone	2-16μ	Sol	Spec, Group freq	Ramirez	JACS	76 (1954)	1037
$C_{12}H_{14}N_4O_4$	Mosityl oxide-2,4-dinitrophenylhydrazone	6-15μ 2-15μ	S S	Spec, Table Band spec, Ident	Ross Jones	AC AC	25 (1953) 28 (1956)	1288 191
$C_{12}H_{14}N_8O_{27}$	Sucrose octanitrate	2-15μ	S	Spec	Kuhn	AC	22 (1950)	276
$C_{12}H_{14}O$	1,2-Benzocyclooct-1-en-3-one	- -	L,Sol L	Group freq Group freq	Schubert Schubert	JACS JACS	76 (1954) 77 (1955)	5462 4172
$C_{12}H_{14}O$	Cyclopentyl phenyl ketone	1600-1800 -	Sol Sol	Group freq Group freq, Ident	Fuson Curtin	JACS JACS	76 (1954) 77 (1955)	2526 1105
$C_{12}H_{14}O$	2,6-Diallylphenol	2.7-2.95μ	Sol	H bond	Baker	JACS	81 (1959)	4524
$C_{12}H_{14}O$	2,4,6,8,10-Dodecapentaenal	1400-2000	Sol,S	Spec	Blout	JACS	70 (1948)	194
$C_{12}H_{14}O$	α-Ethyltetralone	1686	-	Group freq, Shift	Stevens	JACS	77 (1955)	4590
$C_{12}H_{14}O$	2-Phenylcyclohexanone	1650-1800 -	Sol Sol	Group study Group study, Ident	Cross Curtin	TFS JACS	47 (1951) 77 (1955)	354 1105
$C_{12}H_{14}O$	1-Phenylcyclopentanecarboxaldehyde	-	-	Group freq, Ident	Curtin	JACS	77 (1955)	1105
$C_{12}H_{14}O$	Styryl isopropyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526

$C_{12}H_{14}O$	Styryl propyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76	(1954)	2526
$C_{12}H_{14}O_2$	2-Acetyl-5,6,7,8-tetrahydro-1-naphthol	800-2900	Sol	Spec, Freq	Lacey	JCS	-	(1960)	3153
$C_{12}H_{14}O_2$	o-Allylphenyl glycidyl ether	2-15	Sol,L	Spec, Group freq	Patterson	AC	26	(1954)	823
$C_{12}H_{14}O_2$	Cyclohexyl-p-benzoquinone	-	-	Substitution effect	Flagg	NWS	43	(1956)	467
$C_{12}H_{14}O_2$	2-Cyclohexyl-p-benzoquinone	-	Sol	Assign, Shift discussed	Flaig	A	626	(1959)	215
$C_{12}H_{14}O_2$	γ-Cyclooctatetraenyl-n-butyric acid	2-16	Sol	Spec	Cope	JACS	75	(1953)	3220
$C_{12}H_{14}O_2$	β-Cyclooctatetraenylethyl acetate	2-16	L	Spec, Group assign	Cope	JACS	75	(1953)	3215
$C_{12}H_{14}O_2$	1,3-Diacetyl-2,4-dimethylbenzene	-	-	Group freq, Struc	Fuson	JOC	18	(1953)	496
$C_{12}H_{14}O_2$	1,3-Diacetyl-4,6-dimethylbenzene	-	-	Group freq	Fuson	JOC	18	(1953)	496
$C_{12}H_{14}O_2$	trans-1-Hydroxy-methelene-2-keto-10 methyl- $\Delta^{3,6}$-hexhydro-naphthalene	2-12	Sol	Spec	Woodward	JACS	74	(1952)	4223
$C_{12}H_{14}O_2$	Isopropyl cinnamate	800-1500	Sol	Band study, Assign	Katritzky	SA	16	(1960)	954
$C_{12}H_{14}O_2$	Isopropyl phenylacrylate	-	-	Assign	Katritzky	SA	16	(1960)	3162
$C_{12}H_{14}O_2$	1-Mesityl-2-propen-2-ol-1-one	-	L	Band freq, I	Fuson	JACS	75	(1953)	5952
$C_{12}H_{14}O_2$	6-Methoxy-8-methyl-1-tetralone	-	S	Group freq	Dreiding	JACS	75	(1953)	3162

$C_{12}H_{14}O_2$	5-Methyl-7-methoxy-1-tetralone	-	S	Group freq	Dreiding	JACS	75 (1953)	3162
$C_{12}H_{14}O_3$	Allyl 2-carbomethoxy-6-methylphenyl ether	9-11μ	L	Spec, Group freq, Assign	Rhoads	JACS	76 (1954)	3456
$C_{12}H_{14}O_3$	2-Carbomethoxy-4-allyl-6-methylphenol	9.5-11.5μ	L	Spec, Group freq, Struc	Rhoads	JACS	76 (1954)	3456
$C_{12}H_{14}O_3$	3-Carboxy-4-methyl-ar-2-tetralol	6.09-11.60μ	Sol	Table, Freq, I	Dreiding	JOC	19 (1954)	241
$C_{12}H_{14}O_3$	cis-1,4-Diketo-2-methoxy-10-methyl $\Delta^{2,6}$-hexahydronaphthalene	2-12μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{12}H_{14}O_3$	trans-1,4-Diketo-2-methoxy-10-methyl-$\Delta^{2,6}$-hexahydronaphthalene	2-12μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{12}H_{14}O_3$	5:8-Dimethoxytetralone	-	Sol	Freq	Farmer	JCS	- (1956)	3600
$C_{12}H_{14}O_3$	Ethyl m-methoxycinnamate	700-1700	Sol	Substitution effect	Katritzky	JCS	- (1959)	2058
		900-3000	Sol	Group freq, Assign	Katritzky	JCS	- (1959)	2062
		800-1500	Sol	Band study, Assign	Katritzky	SA	16 (1960)	954
		-	-	Band study, Assign	Katritzky	SA	16 (1960)	964
$C_{12}H_{14}O_3$	Ethyl β-methyl-β-phenylglycidate	1600-1800	Sol	Freq	House	JACS	80 (1958)	6389
$C_{12}H_{14}O_3$	5-Hydroxy-3-methyl-indane-2-acetic acid	-	Sol	Group freq	Pasternack	JACS	74 (1952)	1928
$C_{12}H_{14}O_3$	Isopropenylmethyl-tetrahydrophthalic anhydride	1000-1800	-	Spec	Barnes	IEC	15 (1943)	659

$C_{12}H_{14}O_3$	2-Keto-3-carboxy-10-methyl-$\Delta^{1:9,3:4}$-hexahydronaphthalene	3.78-11.42μ	S,Sol	Band freq, I, Table	Dreiding	JOC	76 (1954)	241
$C_{12}H_{14}O_4$	Diethyl phthalate	1-2.5μ	L	Spec	Smith	JACS	48 (1926)	1512
		-	L	Band freq, I	Kendoll	APS	7 (1953)	179
		2-15	Sol	Spec, Anal, Freq	Pristera	AC	25 (1953)	844
		800-1800	L	Ident, Spec	Stafford	AC	26 (1954)	656
		800-1600	-	I	Katritzky	JCS	- (1959)	3670
		800-1500	Sol	Assign	Katritzky	SA	16 (1960)	954
		-	-	Assign	Katritzky	SA	16 (1960)	964
$C_{12}H_{14}O_4$	Diethyl isophthalate	700-1700	Sol	Substitution effect	Katritzky	JCS	- (1959)	2058
		800-1500	Sol	Band study, Assign	Katritzky	SA	16 (1960)	954
		-	-	Assign	Katritzky	SA	16 (1960)	964
$C_{12}H_{14}O_4$	Diethyl terephthalate	-	-	Spec, Freq	Seidel	ZE	62 (1958)	214
		700-1700	Sol	Freq, Assign, Substitution effect	Katritzky	JCS	- (1959)	2051
		800-1500	Sol	Band study, Assign	Katritzky	SA	16 (1960)	954
		-	-	Assign	Katritzky	SA	16 (1960)	964
$C_{12}H_{14}O_4$	Dimethyl 2,8-decadiyne-1,10-dioate	-	Sol	Group freq, I	Allan	JCS	- (1955)	1874
$C_{12}H_{14}O_4$	Dimethyl 3,7-decadiynedioate	-	-	Band freq	Jones	JCS	- (1954)	3212
$C_{12}H_{14}O_4$	p-Methylbenzylidene diacetate	665-1755	S,Sol	Assign, I	Bell	JCS	- (1960)	1209
$C_{12}H_{14}O_4$	2-(3,4-Methylenedioxy-phenoxy)tetrahydro-pyran	-	-	Band freq	Beroza	JACS	77 (1955)	3332
$C_{12}H_{14}O_5$	t-Butyl-o-carboxybenzoyl peroxide	-	S,Sol	Group freq, Table	Davison	JCS	- (1951)	2456
		5-15μ	Sol	Spec, Group study	Minkoff	PRS	224 (1954)	176

$C_{12}H_{14}O_5$	4-Carboxy-5,6-dimethoxy -7-methylphthalan	11μ	S,Sol	Assign, Spec	Allison	JCS	-	(1958)	4311
$C_{12}H_{14}O_5$	4-Methylcarboxy 5,6-dimethoxyphthalan	11μ	S,Sol	Spec, Assign	Allison	JCS	-	(1958)	4311
$C_{12}H_{14}O_5$	4-Methylcarboxy 5,7-dimethoxyphthalan	11μ	S,Sol	Spec, Assign	Allison	JCS	-	(1958)	4311
$C_{12}H_{14}O_5$	3,4,5-Trimethoxy-cinnamic acid	-	-	Ident	Klohs	JACS	76	(1954)	2843
		-	-	Ident	Klohs	JACS	77	(1955)	2241
$C_{12}H_{14}O_6$	Acetyljacozinecic anhydride	2-15μ	S,L, Sol	Spec	Bradbury	AJC	9	(1956)	258
$C_{12}H_{14}O_6$	Ethyl ethylcarboxy-phenoxy carbonate	-	L	Freq, Struc, Dissociation	Hales	JCS	-	(1957)	618
$C_{12}H_{14}O_6$	bis-β-Hydroxyethyl-terephthalate	2-15μ	S	Spec, Struc	Miyake	BCSJ	30	(1957)	361
$C_{12}H_{14}O_6$	4-Carboxy-5,6,7-trimethoxyphthalan	11μ	S,Sol	Spec, Assign	Allison	JCS	-	(1958)	4311
$C_{12}H_{14}O_6$	Ethoxycarbonyl phenoxy-ethyl carbonate	-	Sol	Freq, Struct	Hales	JCS	-	(1957)	618
$C_{12}H_{14}O_6S$	p-Diacetoxymethylphenyl methyl sulfone	-	S	Freq	Momose	CPBT	6	(1958)	412
$C_{12}H_{14}O_7$	Methyl 3-hydroxy-5-methylcyclopentadiene -1,2,4-tricarboxylate	-	-	Group freq, Struc	Acheson	JCS	-	(1952)	1127
$C_{12}H_{14}O_7$	Phenyl β-D-gluco-pyruronoside	-	Sol	Group freq	Tsou	JACS	75	(1953)	1042
$C_{12}H_{14}O_8$	Diglycol terephthalate	5-15μ	S	Spec	Miller	TFS	49	(1953)	433

$C_{12}H_{14}O_8$	Tetramethoxyphthalic acid	-	-	Group freq	Vischer	JCS	-	(1953)	815
$C_{12}H_{14}O_9$	Triacetyl-β-D-glucofururonolactone	2-14μ	Sol	Spec, Assign, Band freq	Tsou	JACS	74	(1952)	5605
$C_{12}H_{15}BrO_3$	6-Bromopiperonyl t-butyl ether	719-1481	L	Group freq	Briggs	AC	29	(1957)	904
$C_{12}H_{15}Cl_2NO_4$	3,5-Dicarbethoxy-2-dichloromethyl-4-methylpyrrole	500-4000	Sol	Spec, Freq, Struc	Eisner	JCS	-	(1958)	971
$C_{12}H_{15}IN_2O$	Peganine methiodide	-	Sol	Band freq	Witkop	JACS	75	(1953)	4474
$C_{12}H_{15}IO_4$	Iodosobenzene dipropionate	665-1755	S,Sol	Assign, I	Bell	JCS	-	(1960)	1209
$C_{12}H_{15}N$	1,4-Dimethyl-2,3-dihydro-1-benzazepine	-	L	Group freq	Astill	JACS	77	(1955)	4079
$C_{12}H_{15}N$	cis-Hexahydrocarbazole	2-11μ	Sol	Spec	Witkop	JACS	72	(1950)	614
$C_{12}H_{15}N$	Spiro-[cyclopentane-1,2'-dihydroindole]	2-11μ	Sol	Spec, Table, Band study	Witkop	JACS	72	(1950)	614
$C_{12}H_{15}N.HCl$	Cyclohexylideneaniline hydrochloride	-	-	Group freq	Witkop	JACS	76	(1954)	5597
$C_{12}H_{15}NO$	1,4-Dimethyl-5-keto-2,3,4,5-tetrahydro-1-benzazepine	-	L	Ident	Astill	JACS	77	(1955)	4079
$C_{12}H_{15}NO$	11-Hydroxy-1,2,3,4,10,11-hexahydrocarbazole	2-12μ	Sol	Spec, Band freq, Struc	Witkop	JACS	73	(1951)	2188
$C_{12}H_{15}NO$	Spiro-[cyclopentane-1,2'-dihydroindoxyl]	2-11μ	Sol	Spec, Table	Witkop	JACS	72	(1950)	614

$C_{12}H_{15}NO_2$	N-Benzoylmethyl-morpholine	700-4000	Sol	Spec, Freq	Adelfang	JACS	82 (1960)	4241
$C_{12}H_{15}NO_2$	n-Butyl β (3'-pyridyl) acrylate	-	-	Band charct, Assign	Katritzky	SA	16 (1960)	964
		800-1500	Sol	Band charact, Assign	Katritzky	SA	16 (1960)	954
$C_{12}H_{15}NO_2$	1,3-Diacetyl-2,4 -di-methylbenzene monoxime	-	-	Group freq, Struc	Fuson	JOC	18 (1953)	496
$C_{12}H_{15}NO_2$	N,N-Dimethyl-β-benzoyl-propionamide	700-4000	S,Sol	Band, Assign, Struc	Cromwell	JACS	80 (1958)	457
$C_{12}H_{15}NO_2$	2,3-Dimethyl-5,6-dimethoxyindole	-	-	Ident	Neuss	JACS	75 (1953)	4870
		2.5-12μ	Sol	Spec, Struc	Neuss	JACS	76 (1954)	2463
$C_{12}H_{15}NO_2$	Isobutyl β-(3'-pyridyl) acrylate	-	-	Band charact, Assign	Katritzky	SA	16 (1960)	964
		800-1500	Sol	Band charact, Assign	Katritzky	SA	16 (1960)	954
$C_{12}H_{15}NO_2$	1-Methyl-6,7-dimethoxy -3,4-dihydroisoquinoline	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{12}H_{15}NO_2$	1-Phenyl-1-azacycloheptan-4-ol-5-one	-	Sol	Group freq	Leonard	JACS	76 (1954)	630
		-	Sol	Group freq	Leonard	JACS	76 (1954)	5708
$C_{12}H_{15}NO_2S$	β-Benzylsulfonyl α-ethylpropionitrile	-	-	Spec not shown	Ross	JACS	73 (1951)	540
$C_{12}H_{15}NO_2S$	β-Phenylsulfonyl α-isopropylpropionitrile	50-3600	S	Spec	Ross	JACS	73 (1951)	540
$C_{12}H_{15}NO_3$	δ-o-Aminobenzoylvaleric acid	2-12μ	Sol	Spec, Freq	Witkop	JACS	73 (1951)	2196
$C_{12}H_{15}NO_3$	n-Butyl β-(3'-pyridine-1-oxide) acrylate	800-3000	Sol	Spec, Freq, I	Katritzky	JCS	- (1959)	3680
		-	-	Band charact, Assign	Katritzky	SA	16 (1960)	964
		800-1500	Sol	Band charact, Assign	Katritzky	SA	16 (1960)	954
$C_{12}H_{15}NO_3$.HBr	Hydrocotarnine hydrobromide	-	Sol	Band freq	Witkop	JACS	75 (1953)	4474

$C_{12}H_{15}NO_3S$	l-Benzylmercapturic acid	2-15 μ	S	Spec, Struc, Anal	Fuson	JACS	74	(1952)	1
$C_{12}H_{15}NO_4$	N-Benzyloxyglutaramic acid	-	S	Group freq	Ames	JCS	-	(1955)	631
$C_{12}H_{15}NO_4$	Carbobenzoxysarcosine methyl ester	1350-1550	L	Spec, Ident	Watson	SA	16	(1960)	1322
$C_{12}H_{15}NO_4$	p-Nitrobenzyl isovalerate	-	-	Ident	Regna	JACS	75	(1953)	4625
$C_{12}H_{15}NO_4S$	p-Diacetylaminomethyl-phenyl methyl sulfone	-	S	Substitution effect	Momose	CPBT	6	(1958)	412
$C_{12}H_{15}NO_5$	2,4-Dicarbethoxy-3-methylpyrrole-5-aldehyde	500-4000	Sol,S	Spec, Struc, Freq	Eisner	JCS	-	(1958)	971
$C_{12}H_{15}NO_5S$	p-Formylaminomethylphenyl ethoxycarbonylmethyl sulfone	-	S	Substitution effect	Momose	CPBT	6	(1958)	412
$C_{12}H_{15}NO_6$	Ethyl 2-nitro-4,5-dimethoxyphenylacetate	-	Sol	Freq	Walker	JACS	77	(1955)	3844
$C_{12}H_{15}NS$	β-Benzylmercapto α-ethyl propionitrile	-	-	Spec - not shown	Ross	JACS	73	(1951)	540
$C_{12}H_{15}NS$	β-Phenylmercapto-α-isopropylpropionitrile	-	-	Spec - not shown	Ross	JACS	73	(1951)	540
$C_{12}H_{15}N_2O_5P\cdot H_2O$	N-Phosphoryl-DL-tryptophan methyl ester hydrate	3-15 μ	L,S	Spec, Freq	Li	JACS	77	(1955)	3519
$C_{12}H_{15}N_3O_2$	5-Methoxy-3-methyl-indanone semicarbazone	-	S	Ident	Conover	JACS	75	(1953)	4017
$C_{12}H_{15}N_3O_2$	5-(1-Methylpropyl)-5-(2-pyridyl)hydantoin (mp 185°-8°)	2-14 μ	S	Spec, Band freq, Iso	Henze	JOC	19	(1954)	1127

$C_{12}H_{15}N_3O_2$	5-(1-Methylpropyl)-5-(2-pyridyl)hydantoin (mp 231-3°)	2-14 μ	S	Spec, Band freq, Iso	Henze	JOC	19	(1954) 1127
$C_{12}H_{15}N_3O_3$	Hexahydro-1,3,5-triacrylyl-s-triazine	650-3500	S	Spec	Gradsten	JACS	70	(1948) 3079
		-	-	Ident	Emmons	JACS	74	(1952) 5524
$C_{12}H_{15}N_3O_6$	DNP-DL-leucine	625-5000	S	Spec, Ident	Friedberg	CJC	37	(1959) 1469
$C_{12}H_{15}N_3O_6$	DNP-DL-isoleucine	625-5000	S	Spec, Ident	Friedberg	CJC	37	(1959) 1469
$C_{12}H_{15}N_3O_6$	DNP-L-Leucine	625-5000	S	Spec, Ident	Friedberg	CJC	37	(1959) 1469
$C_{12}H_{15}N_3O_6$	DNP-L-isoleucine	625-5000	S	Spec, Ident	Friedberg	CJC	37	(1959) 1469
$C_{12}H_{15}N_5O_7$	3,6-Dimethyltetrahydropyridazine picrate	2-15 μ	-	Ident	Overberger	JACS	77	(1955) 4100
$C_{12}H_{15}O_3$	1-Ethoxy-1-gluaiacyl-propanone-2	600-4000	S	Spec, Freq	Herzert	JOC	25	(1960) 405
$C_{12}H_{16}$	bis-Hexatriene dimer	1150-1800	-	Spec	Barnes	IEC	15	(1943) 659
$C_{12}H_{16}$	n-Butylcyclooctatetraene	2-16 μ	L	Spec	Cope	JACS	74	(1952) 175
$C_{12}H_{16}$	Cyclohexylbenzene	-	Sol	Freq, Substitution effect	Potts	AC	27	(1955) 1027
$C_{12}H_{16}BrO_4$	exo-cis-4,5-Dibromo-endo-cis-3,6-endo-methylene-hexahydrophthalic acid-1-methyl-2-ethyl ester	-	Sol	Ident	Berson	JACS	76	(1954) 4069
$C_{12}H_{16}Cl_2$	3,3'-Dichloro-1,1'-bi-2,2'-cyclohexene	-	-	Ident	Lindsey	JACS	75	(1953) 5613

$C_{12}H_{16}INOS$	N-(α-Methylthiobenzylidene)morpholine iodide	-	Sol	Group freq	Goulden	JCS	-	(1953)	997
$C_{12}H_{16}N_2$	N-Ethyl-N-cyanoethyl-m-toluidine	-	-	Spec	Merian	HCA	43	(1960)	1122
$C_{12}H_{16}N_2$	2,4-Hexadienalazine	1400-2000	S	Spec	Blout	JACS	70	(1948)	194
$C_{12}H_{16}N_2$	N-Methylgramine	2900-3100	Sol	Group freq	Hill	JCS	-	(1958)	760
$C_{12}H_{16}N_2O$	γ-Acetyl-γ-isopropenyl-pimelonitrile	700-4000	S	Spec, Struc, Anal	Frank	JACS	71	(1949)	1387
$C_{12}H_{16}N_2O$	N-Methylcytisine	-	Sol	Group freq	Marion	JACS	73	(1951)	305
		-	-	Band and group freq	Thyagarajan	CR	54	(1954)	1019
		600-4000	S	Spec	Heacock	CJC	34	(1956)	1782
$C_{12}H_{16}N_2O \cdot HClO_4$	N-Methylcytisine perchlorate	600-4000	S	Spec	Heacock	CJC	34	(1956)	1782
$C_{12}H_{16}N_2O$	N-Methyldihydropeganine	-	Sol	Band freq	Witkop	JACS	75	(1953)	74
$C_{12}H_{16}N_2O_2$	N^{δ}-Benzylidene-dl-ornithine	-	S	Group freq, I	Witkop	JACS	76	(1954)	5589
$C_{12}H_{16}N_2O_2$	N^{δ}-Benzylidine-l-ornithine	-	S	Group freq, I	Witkop	JACS	76	(1954)	5589
$C_{12}H_{16}N_2O_2$	2,3,4,7,8,9-Hexahydro-3,8-dimethylbenzo- 1,2-3,4,3-e'[bis-m-oxazine]	2-15 μ	S	Spec	Burke	JACS	72	(1950)	4691
$C_{12}H_{16}N_2O_3$	Cyclobarbital	2-16 μ	Sol	Spec, Table, Freq	Umberger	AC	24	(1952)	1309
		-	-	Ident	Cleverley	ANA	85	(1960)	582
$C_{12}H_{16}N_2O_3$	α-Ethylcarboxy-β-methyl-glycolaldehyde phenylhydrazone	650-4000	S,Sol	Struct	Tanner	SA	15	(1959)	20

$C_{12}H_{16}N_2O_3$	Hexobarbital	2-16 μ	Sol	Spec, Table, Freq	Umberger	AC	24 (1952) 1309
		-	-	Ident	Cleverley	ANA	85 (1960) 582
$C_{12}H_{16}N_2O_3$	N^{δ}-Salicylidene-dl-ornithine	-	S	Group freq, I	Witkop	JACS	76 (1954) 5589
$C_{12}H_{16}N_2O_3$	N^{δ}-Salicylidene-l-ornithine	-	S	Group freq, I	Witkop	JACS	76 (1954) 5589
$C_{12}H_{16}N_2O_4$	2-Phenylureido-4-hydroxyvaleric acid	2-11 μ	S	Spec, Group freq	Hurd	JOC	18 (1953) 1440
$C_{12}H_{16}N_4O_4$	2-Ethylbutyraldehyde 2,4-dinitrophenylhydrazone	6-15 μ	S	Spec, Table	Ross	AC	25 (1953) 1288
$C_{12}H_{16}N_4O_4$	n-Hexaldehyde 2,4-dinitrophenylhydrazone	6-15 μ	Sol,S	Spec, Table	Ross	AC	25 (1953) 1288
		2-15 μ	S	Band spec, Ident	Jones	AC	28 (1956) 191
$C_{12}H_{16}N_4O_4$	Methyl isobutyl ketone-2,4-dinitrophenylhydrazone	6-15 μ	S	Spec, Table	Ross	AC	25 (1953) 1288
$C_{12}H_{16}N_4O_5$	4-Hydroxy-4-methyl-2-pentanone 2,4-dinitrophenylhydrazone	2-15 μ	S	Band spec, Ident	Jones	AC	28 (1956) 191
$C_{12}H_{16}N_5O_8P$	2(3')-Acetyl-5'-adenylate	2-9 μ	Sol	Spec, Freq, Reactivity	Jencks	ABB	88 (1960) 193
$C_{12}H_{16}N_5O_8P$	Acetyladenylate	2-9 μ	Sol	Spec, Freq, Reactivity	Jencks	ABB	88 (1960) 193
$C_{12}H_{16}N_6O_6$	DNP-L-Arginine	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959) 1469
$C_{12}H_{16}O$	2-Allyl-3,5,6-trimethylphenol	2.7-2.9 μ	Sol	Group freq	Baker	JACS	81 (1959) 4524

$C_{12}H_{16}O$	α-2-Butoxystyrene	5.5-9 μ	Sol	Spec, Anal, Group freq	Wiberg	JACS	77 (1955) 1159
$C_{12}H_{16}O$	m-t-Butylaceto-phenone	-	-	Ident	Butler	JACS	76 (1954) 1906
$C_{12}H_{16}O$	o-t-Butylaceto-phenone	-	-	Ident	Butler	JACS	76 (1954) 1906
$C_{12}H_{16}O$	p-t-Butylaceto-phenone	2-15 μ	L	Ratio o:m:p in mixt, Spec	Butler	JACS	76 (1954) 1906
$C_{12}H_{16}O$	4-Cyclohexylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{12}H_{16}O$	o-Cyclohexylphenol	2.5-15 μ	Sol	Spec, Band freq, Table, I	Friedel	JACS	73 (1951) 2881
		650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{12}H_{16}O$	p-Cyclopentylanisole	-	-	Anal, Ident	Curtin	JACS	77 (1955) 1105
$C_{12}H_{16}O$	Cyclopropylethylphenyl-carbinol	1-2.7 μ	Sol	Group study	Washburn	JACS	80 (1958) 504
$C_{12}H_{16}O$	2,6-Dimethyl-4(α-methyl-allyl)phenol	800-3600	L	Spec, Group freq	Marvell	JACS	76 (1954) 1922
$C_{12}H_{16}O$	2,6-Dimethyl-4(γ-methyl-allyl)phenol	850-3600	L	Spec, Group freq	Marvell	JACS	76 (1954) 1922
$C_{12}H_{16}O$	Hexanophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
$C_{12}H_{16}O$	2-Hydroxymethyl-5-methyl-1,2,3,4-tetrahydro-naphthalene	-	-	Group freq	Bentley	JCS	- (1955) 2398
$C_{12}H_{16}O$	α-Methylallyl 2,6-dimethylphenyl ether	700-3100	L	Spec, Group freq	Marvell	JACS	76 (1954) 1922

$C_{12}H_{16}O$	γ-Methylallyl 2,6-dimethylphenyl ether	700-3100	-	Spec, Group freq	Marvell	JACS	76 (1954) 1922
$C_{12}H_{16}O$	3-Methyl-3-phenyl-2-pentanone	2-14.5 μ	L	Spec, Anal	Cram	JACS	74 (1952) 5839
$C_{12}H_{16}O$	4-Methyl-4-phenyl-2-pentanone	-	-	Ident	Barnes	JACS	76 (1954) 5430
$C_{12}H_{16}O$	β-Methylvalerophenone	-	Sol	Anal, Group freq, I	Wiberg	JACS	77 (1955) 1159
$C_{12}H_{16}O$	3-Phenylcyclohexanol	-	Sol	Group freq, Substitution effect	Potts	AC	27 (1955) 1027
$C_{12}H_{16}O$	cis-4-Phenylcyclohexanol	2.7-3.2 μ	Sol	H bond	Pickett	JACS	71 (1949) 1311
$C_{12}H_{16}O$	trans-4-Phenylcyclohexanol	12.6-3.2 μ	Sol	H bond	Pickett	JACS	71 (1949) 1311
$C_{12}H_{16}O$	1-Phenyl-2,2-dimethyl-1-butanone	2-14.5 μ	L	Spec, Anal	Cram	JACS	74 (1952) 5839
$C_{12}H_{16}O$	Propyl p-xylyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
$C_{12}H_{16}O$	2,3,5,6-Tetramethyl-acetophenone	-	Sol	Freq, H bond, I	Forbes	CJC	35 (1957) 488
		-	Sol	Freq, I	Jones	CJC	35 (1957) 504
$C_{12}H_{16}O$	o-Tolyl isobutyl ketone	-	-	Group freq	Pickard	JACS	76 (1954) 5169
$C_{12}H_{16}O$	o-Tolyl n-butyl ketone	-	-	Group freq	Pickard	JACS	76 (1954) 5169
$C_{12}H_{16}O$	o-Tolyl s-butyl ketone	-	-	Group freq	Pickard	JACS	76 (1954) 5169
$C_{12}H_{16}O_2$	o-t-Butylphenyl acetate	-	-	Ident, Band freq	Rondestvedt	JACS	77 (1955) 1769
$C_{12}H_{16}O_2$	3,3-Dimethyl-1-phenoxy-2-butanone	-	L	Group freq	Leonard	JACS	77 (1955) 3272
$C_{12}H_{16}O_2$	1,2-Epoxy-2-methyl-1-ethoxy-1-phenylpropane	-	-	Ident	Stevens	JACS	76 (1954) 715

$C_{12}H_{16}O_2$	Isopropyl β-phenyl propionate	800-1500	Sol	Band charact, Assign	Katritzky	SA	16 (1960)	954
		-	-	Band charact, Assign	Katritzky	SA	16 (1960)	964
$C_{12}H_{16}O_2S$	Butylthio o-methoxy-benzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{12}H_{16}O_3$	4-Acetyl-2,5-dihydro-3-methyl-5-oxofuran 2-spirocyclohexane	1000-1800	Sol	Spec, Freq	Lacey	JCS	- (1960)	3153
$C_{12}H_{16}O_3$	Calythrone	-	-	Group and H bond study	Birch	JCS	- (1951)	3026
$C_{12}H_{16}O_3$	1,3-Diethoxyphthalan	2-16 μ	Sol	Spec, Group freq	Powell	JOC	18 (1953)	810
$C_{12}H_{16}O_3$	trans-1,4-Dihydroxy-2-methoxy-10-methyl - $\Delta^{2,6}$-hexahydronaphthalene	2-12 μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{12}H_{16}O_3$	trans-1,4-Diketo-2-methoxy-10-methyl - Δ^{2}-octahydronaphthalene	2-13 μ	Sol	Band freq	Woodward	JCS	- (1952)	4223
$C_{12}H_{16}O_3$	Ethyl 4,5,6,7-tetrahydro-3-oxoindane-1-carboxylate	-	-	Group freq	Mathieson	JCS	- (1953)	3251
$C_{12}H_{16}O_3$	Δ^{4}-2-Methoxy-9-methyl-octalin-3,8-dione	-	Sol	Group study	Szmuszkovicz	JOC	19 (1954)	1424
$C_{12}H_{16}O_3$	Δ^{4}-4-Methoxy-9-methyl -octalin-3,8-dione	-	Sol	Group study	Szmuszkovicz	JOC	19 (1954)	1424
$C_{12}H_{16}O_3$	Methyl 3-keto-1,2,3,4,5,6,7,8-octahydro-1-azuloate	-	-	Struc	Anderson	JACS	75 (1953)	4979

$C_{12}H_{16}O_4$	1-Allyloxy-2,4,6-trimethylolbenzene	-	-	Struc	Burkhard	JACS	75	(1953)	5957
$C_{12}H_{16}O_4$	Ethyl bicyclo[3.1.0] hex-2-ene-6,6-dicarboxylate	-	-	Group freq, Struc	Kierstead	JCS	-	(1953)	1803
$C_{12}H_{16}O_4$	Ethyl 2,7-dimethoxy -cycloheptatriene -carboxylate	746-1742	S	Table	Johns	JCS	-	(1954)	4605
$C_{12}H_{16}O_6$	Phenyl α-D-galactoside	-	S	Anal, Band freq, I	Whistler	AC	25	(1953)	1463
$C_{12}H_{16}O_6$	Phenyl β-D-galactoside	-	S	Anal, Band freq, I	Whistler	AC	25	(1953)	1463
$C_{12}H_{16}O_6 \cdot 2H_2O$	Phenyl α-D-glucoside dihydrate	-	S	Band freq, I	Whistler	AC	25	(1953)	1463
$C_{12}H_{16}O_6 \cdot 2H_2O$	Phenyl β-D-glucoside dihydrate	-	S	Band freq, I	Whistler	AC	25	(1953)	1463
$C_{12}H_{16}O_7$	d-Glucal-3,4,6-triacetate	2-15 μ	S	Spec	Kuhn	AC	22	(1950)	276
$C_{12}H_{16}O_8$	Lavoglucosan triacetate	8-15 μ	S	Spec	Kuhn	AC	22	(1950)	276
$C_{12}H_{17}BrN_6O_2 \cdot HBr$	3,5'-Cyclo-6-dimethyl-amino-9-(3'-amino-3'-deoxy-β-D-ribofuranosyl) purine bromide hydrobromide	-	S	Group freq	Baker	JACS	77	(1955)	15
$C_{12}H_{17}Cl_3OSi$	Trichlorosilylhexyl phenyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{12}H_{17}N$	δ-Cyclooctatetraenyl-n-butylamine	2-16 μ	L	Spec	Cope	JACS	75	(1953)	3220
$C_{12}H_{17}N$	N,N-Dimethyl-β-cycloocta-tetraenylethylamine	2-16 μ	L	Spec, Assign	Cope	JACS	75	(1953)	3215

$C_{12}H_{17}N$	o-Tolyl isobutyl ketimine	-	-	Group freq	Pickard	JACS	76	(1954)	5169
$C_{12}H_{17}N$	o-Tolyl n-butyl ketimine	-	-	Group freq	Pickard	JACS	76	(1954)	5169
$C_{12}H_{17}N$	o-Tolyl s-butyl ketimine	-	-	Group freq	Pickard	JACS	76	(1954)	5169
$C_{12}H_{17}N \cdot HCl$	N-Benzylpiperidine hydrochloride	600-4000	S	Freq, Assign	Stone	JCS	-	(1958)	52
$C_{12}H_{17}NO$	1-N-Anilino-3,3-dimethyl-2-butanone	-	L	Group freq	Leonard	JACS	77	(1955)	3272
$C_{12}H_{17}NO$	N-Butylacetanilide	2-16 μ	Sol	Spec, Anal	Sassaman	APS	8	(1954)	67
$C_{12}H_{17}NO$	N-t-Butylphenyl-acetamide	1500-3600 3 μ	Sol,S Sol	Assign, Spec Band study	Richards Russel	JCS SA	- 8	(1947) (1956)	1248 138
$C_{12}H_{17}NO$	6-Cyanoethylisopho-rone	5.5-8 μ	Sol	Group freq	Bruson	JACS	75	(1953)	3585
$C_{12}H_{17}NO$	3-Cyano-2-methoxy-camph-2-ene	-	Sol	Band freq	Chase	JCS	-	(1953)	3518
$C_{12}H_{17}NO$	m-N,N-Diethyltoluamide	7-15 μ	Sol	Spec, Iso	Clarke	AC	31	(1959)	197
$C_{12}H_{17}NO$	o-N,N-Diethyltoluamide	7-15 μ	Sol	Spec, Iso	Clarke	AC	31	(1959)	197
$C_{12}H_{17}NO$	p-N,N-Diethyltoluamide	7-15 μ	Sol	Spec, Iso	Clarke	AC	31	(1959)	197
$C_{12}H_{17}NO$	1,4-Dimethyl-5-hydroxy-2,3,4,5-tetrahydro-1-benzazepine	-	L	Group freq	Astill	JACS	77	(1955)	4079
$C_{12}H_{17}NO$	N-Methyl-β-phenyl valeramide	-	-	Group freq	Leonard	JACS	75	(1953)	3727

$C_{12}H_{17}NO$	7',8',9',10'-Tetrahydrospiro-[cyclopentane-1,2'-ψ-indoxyl]	-	Sol	Table-major bands	Witkop	JACS	72 (1950)	614
$C_{12}H_{17}NO_2$	N,N-Dimethyl-γ-hydroxy-γ-phenylbutyramide	1500-3500	S	Band Assign, Struct	Cromwell	JACS	80 (1958)	4578
$C_{12}H_{17}NO_2$	6,7-Dimethoxy-N-methyl-1,2,3,4-tetrahydro-isoquinoline	-	S	Band freq	Wildman	JACS	77 (1955)	1248
$C_{12}H_{17}NO_2$	Ethyl α-ethylamino-phenylacetate	-	-	Group freq	Leonard	JACS	75 (1953)	372
$C_{12}H_{17}NO_2$	N-ethyl-o-ethoxy-acetanilide	2-15μ	L,Sol	Spec	Park	JACS	73 (1951)	5898
$C_{12}H_{17}NO_2$	N-ethyl-p-ethoxy-acetanilide	2-15μ	L,Sol	Spec	Park	JACS	73 (1951)	5898
$C_{12}H_{17}NO_2S$	N-cyclohexylbenzene-sulfonamide	2800-3500	Sol	Spec, H bond	Buswell	JACS	61 (1939)	3252
$C_{12}H_{17}NO_2S$	p-Tolylsulphonyl-piperidide	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{12}H_{17}NO_3$	4-Acetyl-2-carbethoxy-3-ethyl-5-methylpyrrole	500-4000	Sol,S	Spec, Freq, Assign	Eisner	JCS	- (1958)	971
$C_{12}H_{17}NO_3$	N-Acetylhomoveratry-lamine	-	S	Band freq	Wildman	JACS	77 (1955)	1248
$C_{12}H_{17}NO_3$	4a-Carbethoxy-1,2,3,4,4a,5,6,7-octahydro-7-quinolone	-	-	Band study	Albertson	JACS	74 (1952)	249
$C_{12}H_{17}NO_3$	5-Carbethoxy-3,4-diethylpyrrole-2-aldehyde	500-4000	Sol,S	Spec, Freq, Assign	Eisner	JCS	- (1958)	971

$C_{12}H_{17}NO_3S$	2,2-(2'-Carboxycyclohexylidene)-4-thiazolidone ethyl ester	-	Sol	Group freq	Pennington	JACS	75 (1953)	109
$C_{12}H_{17}NO_4$	2,3-Dicarbethoxy-4,5-dimethylpyrrole	500-4000	S	Spec, Freq, Assign	Eisner	JCS	- (1958)	971
$C_{12}H_{17}NO_4$	2,5-Dicarbethoxy-3,4-dimethylpyrrole	500-4000	Sol,S	Spec, Freq, Assign	Eisner	JCS	- (1958)	971
$C_{12}H_{17}NO_4$	3,5-Dicarbethoxy-2,4-dimethylpyrrole	500-4000	Sol,S	Spec, Freq, Assign	Eisner	JCS	- (1958)	971
$C_{12}H_{17}NO_4$	3,4-Diethyl-2-carbethoxy-pyrrole-5-carboxylic acid	500-4000	Sol,S	Spec, Freq, Assign	Eisner	JCS	- (1958)	971
$C_{12}H_{17}NO_4$	2,5-Dicarbomethoxy-3,4-diethylpyrrole	500-4000	Sol,S	Spec, Freq, Assign	Eisner	JCS	- (1958)	971
$C_{12}H_{17}N_3O_4$	Pyrazine-2,3-dicarboxylic acid, 3-β-diethylaminoethyl ester	1500-2000	S	Spec, Group freq	Solomons	JACS	75 (1953)	679
$C_{12}H_{17}N_5O_4$	6-Dimethylamino-9-β-D-ribofuranosylpurine	-	S	Group freq	Kissman	JACS	77 (1955)	18
$C_{12}H_{18}$	m-t-Amyltoluene	2-15μ	L	Spec, Anal	Schlatter	JACS	75 (1953)	361
$C_{12}H_{18}$	p-t-Amyltoluene	2-15μ	L	Spec, Anal	Schlatter	JACS	75 (1953)	361
		7.61-13.82μ	-	Table, Anal	Pines	JACS	77 (1955)	554
$C_{12}H_{18}$	p-t-Butylethylbenzene	2-15μ	L	Spec, Anal	Schlatter	JACS	75 (1953)	361
$C_{12}H_{18}$	m-Diisopropylbenzene	3-15μ	L	Spec, Table	Melpolder	JACS	70 (1948)	935
		-	-	Absorbance	Bomstein	AC	25 (1953)	512
		-	-	Group freq, Struc	O'Connor	JACS	76 (1954)	2368
		700-1000	S,Sol	Substitution effect	Bellamy	JCS	- (1955)	2818

$C_{12}H_{18}$	o-Diisopropylbenzene	3-15 μ	L	Spec, Table	Melpolder	JACS	70	(1948)	935
		-	-	Absorbance	Bomstein	AC	25	(1953)	512
		-	-	Group freq, Struc	O'Connor	JACS	76	(1954)	2368
$C_{12}H_{18}$	p-Diisopropylbenzene	3-14 μ	L	Spec, Table	Melpolder	JACS	70	(1948)	935
		829	Sol	Substitution effect	Philpotts	AC	23	(1951)	268
		-	-	Absorbance	Bomstein	AC	25	(1953)	512
		-	-	Struc, Group freq	O'Connor	JACS	76	(1954)	2368
		828	Sol	Solvent effect	La Lau	SA	14	(1959)	181
		900-1030	Sol	Freq	Puttnam	JCS	-	(1960)	2934
$C_{12}H_{18}$	1,3-Dimethyl-4-isobutyl-benzene	-	-	Ident	Nightingale	JACS	76	(1954)	5767
$C_{12}H_{18}$	1,3-Dimethyl-4-sec-butylbenzene	-	-	Ident	Nightingale	JACS	76	(1954)	5767
$C_{12}H_{18}$	1,3-Dimethyl-5-isobutylbenzene	-	-	Ident	Nightingale	JACS	76	(1954)	5767
$C_{12}H_{18}$	1,3-Dimethyl-5-t-butylbenzene	-	Sol	Spec, Freq, Assign	McCoulay	JACS	76	(1954)	2354
		700-1000	Sol,S	Substitution effect	Bellamy	JCS	-	(1955)	2818
$C_{12}H_{18}$	1,3-Dimethyl-2,4-diethylbenzene	-	-	Charact band & Freq, Ident	Schlatter	JACS	76	(1954)	4952
$C_{12}H_{18}$	1,3-Dimethyl-2,5-diethylbenzene	-	-	Ident	Schlatter	JACS	76	(1954)	4952
$C_{12}H_{18}$	2,3-Dimethylenedecalin	-	-	Band freq	Bailey	JACS	77	(1955)	990
$C_{12}H_{18}$	2,2-Dimethyl-3-phenyl-butane	-	-	Anal, Ident	Schmerling	JACS	76	(1954)	1917
		2-15 μ	L	Spec	Hawkes	SA	16	(1960)	633
$C_{12}H_{18}$	1-Ethyl-3-t-butyl-benzene	700-1000	S,Sol	Substitution effect	Bellamy	JACS	-	(1955)	2818
$C_{12}H_{18}$	Hexamethylbenzene	-	-	Thermo	Kassel	JCP	4	(1936)	276
		650-2200	S	Spec	Cannon	SA	4	(1951)	373

		5-6μ	Sol	Spec	Yong	AC	23 (1951)	709
		700-3400	S	Spec, Anal	Mann	PRS	211 (1952)	168
		640-1400	Sol	Spec	Haller	JCP	22 (1954)	720
		900-1500	Sol	Group study	Randle	JCS	- (1955)	3497
$C_{12}H_{18}$	n-Hexylbenzene	7.2-14.2μ	L	Spec, Anal, Iso	Pines	JACS	75 (1953)	2311
		-	L	Group freq	Potts	AC	27 (1955)	1027
		2-15μ	L	Spec, Struc	Hawkes	SA	16 (1960)	633
$C_{12}H_{18}$	2-Methyl-2-phenylpentane	6.8-14.8μ	L	Spec, Anal, Iso	Pines	JACS	75 (1953)	2311
		2-15μ	L	Spec, Struc	Hawkes	SA	16 (1960)	633
$C_{12}H_{18}$	3-Methyl-3-phenylpentane	6.8-14.8μ	L	Spec, Anal, Iso	Pines	JACS	75 (1953)	2311
		2-15μ	L	Spec, Struc	Hawkes	SA	16 (1960)	633
$C_{12}H_{18}$	2-Methyl-5-phenylpentane	2-15μ	L	Spec, Struc	Hawkes	SA	16 (1960)	633
$C_{12}H_{18}$	3-Methyl-5-phenylpentane	2-15μ	L	Spec, Struc	Hawkes	SA	16 (1960)	633
$C_{12}H_{18}$	1-Phenyl-3,3-dimethyl-butane	-	-	Ident	Schmerling	JACS	77 (1955)	1774
$C_{12}H_{18}$	2-Phenylhexane	7.2-14.2μ	L	Spec, Anal, Iso	Pines	JACS	75 (1953)	2311
		2-15μ	L	Spec, Struc	Hawkes	SA	16 (1960)	633
$C_{12}H_{18}$	3-Phenylhexane	700-1400	L	Spec, Anal, Iso	Pines	JACS	75 (1953)	2311
		2-15μ	L	Spec, Struc	Hawkes	SA	16 (1960)	633
$C_{12}H_{18}$	p-n-Propylcumene	7.20-14.18μ	-	Table, Anal	Pines	JACS	77 (1955)	554
$C_{12}H_{18}$	3-o-Tolylpentane	7.56-13.76μ	-	Table, Anal	Pines	JACS	77 (1955)	554
$C_{12}H_{18}$	3-m-Tolylpentane	8.57-14.24μ	-	Table, Anal	Pines	JACS	77 (1955)	554
$C_{12}H_{18}$	3-p-Tolylpentane	7.61-12.27μ	-	Table, Anal	Pines	JACS	77 (1955)	554
$C_{12}H_{18}$	1,3,5-Triethylbenzene	-	Sol	Spec, Freq, Assign	McCaulay	JACS	76 (1954)	2354

$C_{12}H_{18}F_4O_2$	1,2-Di-n-butoxy-3,3,4,4-tetrafluorocyclobutene	2-15μ	L	Spec, Struc, Anal	Park	JACS	71	(1949) 2337
$C_{12}H_{18}F_6O_5B_2$	Ditrifluoroacetyl di-n-butyl diborate	1500-1800	S	Freq, Assign, Bond study	Duncanson	JCS	-	(1958) 3652
$C_{12}H_{18}IP$	1-Ethyl-1,2,3,4-tetrahydro-1-methylphosphinolinium iodide	-	S	Group freq	Mann	JCS	-	(1952) 3039
$C_{12}H_{18}I_2$	Hexamethylbenzene iodine complex	-	-	Mol const	Morcillo	ARS	56	(1960) 263
$C_{12}H_{18}N_2 \cdot 2HCl$	N-Benzyl-N'-methyl piperazine dihydrochloride	600-4000	S	Freq, Assign	Stone	JCS	-	(1958) 52
$C_{12}H_{18}N_2O_2S$	5-Ethyl-5-(1-methyl-pentenyl-4)-2-thiobarbituric acid	-	-	Struc	Wood	JACS	75	(1953) 5511
$C_{12}H_{18}N_2O_2S$	Thiamylal	-	-	Ident	Cleverley	ANA	85	(1960) 582
$C_{12}H_{18}N_2O_3$	5-Ethyl-5-(1-methyl-pentenyl-4)-2-barbituric acid	-	-	Struc	Wood	JACS	75	(1953) 5511
$C_{12}H_{18}N_2O_3$	Secobarbital	2-16μ	Sol	Spec, Table, Freq	Umberger	AC	24	(1952) 1309
		2.5-16μ	S	Spec, Anal	Levi	AC	28	(1956) 1591
		-	-	Ident	Cleverley	ANA	85	(1960) 582
$C_{12}H_{18}N_4O$	N,N,O-Tri-(2-cyano-2-propyl)hydroxylamine	-	-	Group & Band freq, I	Gingras	JCS	-	(1954) 1920
		-	-	Band & Group freq	Gingras	JCS	-	(1954) 3508
$C_{12}H_{18}N_4O_5$	p,p'-Dinitroazoxybenzene	1300-1600	Sol,S	Substitution effect	Kross	JACS	78	(1956) 4225
$C_{12}H_{18}N_4O_5S$	4-Acetamido-6-D-xylosidamino-2-methylthiopyrimidine	1450-1800	S	H bond, Spec	Brownlie	JCS	-	(1948) 2265

$C_{12}H_{18}N_4O_5S$	4-D-Xylosidamino-6-acetamido-2-methylthio-pyrimide	2-15 μ	S	Spec, Group freq, Assign	Brownlie	JCS -	(1950) 3062
$C_{12}H_{18}N_4O_7$	Triethylamine picrate	-	Sol	Group freq	Barrow	JACS 76	(1954) 5211
$C_{12}H_{18}N_6O_3$	6-Dimethylamino-9-(3'-amino-3'-deoxy- α-D-ribofuranosyl)purine	-	-	Group study	Baker	JACS 77	(1955) 2396
$C_{12}H_{18}O$	o-Amylanisol	-	-	Ident	Morton	JACS 76	(1954) 2980
$C_{12}H_{18}O$	2-t-Amyl-4-methylphenol	-	-	Freq shift	Coggeshall	JACS 69	(1947) 1620
$C_{12}H_{18}O$	2-s-Butyl-1-methoxy-4-methylbenzene	900-1030	Sol	Freq	Puttnam	JCS -	(1960) 2934
$C_{12}H_{18}O$	4-s-Butyl-1-methoxy-2-methylbenzene	900-1030	Sol	Freq	Puttnam	JCS -	(1960) 2934
$C_{12}H_{18}O$	2-t-Butyl-4-ethylphenol	650-1400	Sol	Spec	Shrewsbury	SA 16	(1960) 1294
$C_{12}H_{18}O$	2,4-Dimethyl-6-t-butylphenol	3 μ	Sol,L	H bond	Sears	JACS 71	(1949) 4110
		-	Sol	Spec	Goddu	JACS 82	(1960) 4533
		650-1400	Sol	Spec	Shrewsbry	SA 16	(1960) 1294
$C_{12}H_{18}O$	2,6-Dimethyl-4-t-butylphenol	3 μ	S,Sol	Spec, Freq shift	Coggeshall	JACS 69	(1947) 1620
$C_{12}H_{18}O$	$\Delta^{1,9}$-5,5-Dimethyl-2-octalone	800-3000	Sol	Spec	Armour	HCA 42	(1959) 2233
$C_{12}H_{18}O$	Δ^{8}-5,5-Dimethyl-8-octalone	800-3000	Sol	Spec	Armour	HCA 42	(1959) 2233
$C_{12}H_{18}O$	Δ^{9}-5,5-Dimethyl-2-octalone	1100-3000	Sol	Spec	Armour	HCA 42	(1959) 2233
$C_{12}H_{18}O$	2,4-Di-isopropylphenol	650-4000	Sol	Spec	Shrewsbury	SA 16	(1960) 1294

$C_{12}H_{18}O$	2,5-Di-isopropylphenol	650-4000	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{12}H_{18}O$	2,6-Di-isopropyl-2-phenol	3500-3800	Sol	Freq	Puttnam	JCS	-	(1960) 5100
		650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{12}H_{18}O$	4-Ethyl-1-methoxy-2-iso-propylbenzene	900-1030	Sol	Freq	Puttnam	JCS	-	(1960) 2934
$C_{12}H_{18}O$	n-Hexyl phenyl ether	-	-	Group freq	Hales	JCS	-	(1954) 3145
$C_{12}H_{18}O$	L-Erythro-4-phenyl-3-hexanol	-	L	Anal	Cram	JACS	75	(1953) 3189
$C_{12}H_{18}O$	p-Methoxy-t-amyl-benzene	1050-1850	-	Spec, Absorption, Freq	Barnes	IEC	15	(1943) 659
$C_{12}H_{18}O$	L-Threo-4-phenyl-3-hexanol	-	L	Anal	Cram	JACS	75	(1953) 3189
$C_{12}H_{18}O_2$	α-Ethoxyumbellulone	-	L	Group freq	Eastman	JACS	76	(1954) 4118
$C_{12}H_{18}O_2$	Ethyl dec-trans-2-en-4-ynoate	-	L	Group freq	Crombie	JCS	-	(1955) 999
		-	L	Group freq	Crombie	JCS	-	(1955) 1007
$C_{12}H_{18}O_2$	2-Hydroxymethyl-4-t-butyl-6-methylphenol	2-15 μ	Sol,S	Spec	Sprengling	JACS	72	(1950) 4314
$C_{12}H_{18}O_2$	l-α-Phenylethyl-5-butyl peroxide	-	-	Band study	Kornblum	JACS	74	(1952) 3079
$C_{12}H_{18}O_2$	3,4,8-Trimethyl[3.3.0] bicyclo-3-octene-1-carboxylic acid	-	-	Ident	Stork	JACS	75	(1953) 3292
$C_{12}H_{18}O_3$	trans-10-Carbomethoxy-2-decalone	5.79-10.72 μ	Sol	Table, I	Dreiding	JACS	77	(1955) 411
$C_{12}H_{18}O_3$	cis-3-Carboxy-10-methyl-2-decalone	6.6-10.5 μ	Sol	Table, Freq, I	Dreiding	JOC	19	(1954) 241

$C_{12}H_{18}O_3$	trans-3-Carboxy-10-methyl-2-decalone	6.0-10.4μ	Sol	Table, Freq, I	Dreiding	JOC	19 (1954)	241
$C_{12}H_{18}O_3$	2,6-Di(hydroxymethyl)-4-t-butylphenol	3100-3700	S,Sol	Assign, Spec	Richards	JCS	- (1947)	1260
$C_{12}H_{18}O_3$	Hexamethylphloroglucinol	2-12μ	Sol	Spec, Struc	O'Connor	JACS	76 (1954)	2368
$C_{12}H_{18}O_3$	trans-1-Hydroxy-4-keto-10-methyl $-\Delta^2$-octahydronaphthalene	2-12μ	Sol	Band freq	Woodward	JACS	74 (1952)	4223
$C_{12}H_{18}O_3$	7-Phenyl-3,6-dioxaoctan-1-ol	-	Sol	Freq, Substitution effect	Potts	AC	27 (1955)	1027
$C_{12}H_{18}O_3$	1,2,3-Triethoxybenzene	700-5000	L	Group freq	Briggs	AC	29 (1957)	904
$C_{12}H_{18}O_3$	1,3,5-Triethoxybenzene	700-1000	Sol	Substitution effect	Bellamy	JCS	- (1955)	2818
$C_{12}H_{18}O_3S$	α,β-Dimethyl-β-hydroxy-n-propyl p-tolyl sulfone	-	-	Group study	Field	JACS	75 (1953)	5582
$C_{12}H_{18}O_3S_2$	3-Acetoxy-2-acetyl-cyclohexane-1-spiro-2'-(1',3'-dithiolan)	-	S	Band freq	Jaeger	JCS	- (1955)	646
$C_{12}H_{18}O_4$	1-Carbethoxy-4-hydroxy bicyclo[3.3.1] nonan-9-one	2-16μ	Sol	Spec, Struc	Cope	JACS	73 (1951)	4702
$C_{12}H_{18}O_4$	Diallyl adipate	1050-1800	-	Group freq, Spec	Barnes	IEC	15 (1943)	659
		-	Sol	Group freq	Davison	JCS	- (1953)	2607
$C_{12}H_{18}O_4$	Diethyl 1,1-dimethyl-prop-2-ynylmalonate	2-15μ	L	Spec, Freq	Abramovitch	CJC	36 (1958)	151

$C_{12}H_{18}O_4$	3,8-Dimethyl-4,6-decadiyn-3,8-dihydroperoxide	-	-	Group freq	Milas	JACS	75 (1953) 5970
$C_{12}H_{18}O_5$	γ-Acetyl-γ-isopropenylpimelic acid	700-4000	S	Spec, Struc, Anal	Frank	JACS	71 (1949) 1387
$C_{12}H_{18}O_5$	Diethyl cyclohexanone-2,6-dicarboxylate	-	L	Table, Band freq	Leonard	JACS	74 (1952) 4070
$C_{12}H_{18}O_5$	Dimethyl α-longinecate	- -	- L	Band study & Freq Group freq	Adams Adams	JACS JACS	74 (1952) 700 75 (1953) 4638
$C_{12}H_{18}O_6$	Dimethyl riddellate	-	L	Group freq	Adams	JACS	75 (1953) 4638
$C_{12}H_{18}O_6$	2:3:5:6-Di-o-isopropylidene-D-mannono-γ-lactone	1700-1800 2-15	S S	Freq Spec	Barker Tipson	CIL JRNB	- (1958) 658 62 (1959) 257
$C_{12}H_{18}O_6$	Ethyl α,β-diacetylsuccinate	2-15μ	-	Freq, Struc, Anal	Rasmussen	JACS	71 (1949) 1073
$C_{12}H_{18}O_6$	Trimethyl 1,3,5-cyclohexanetricarboxylate	-	-	Ident	Newman	JACS	76 (1954) 4598
$C_{12}H_{18}O_7$	Acetyljaconecic acid	2-15μ	S,L, Sol	Spec	Bradbury	AJC	9 (1956) 258
$C_{12}H_{18}O_8$	Methyl triacetyl-α-D--lyxoside	-	Sol	Anal, Band freq, I	Whistler	AC	25 (1953) 1463
$C_{12}H_{18}O_8$	Methyl triacetyl-α-D-xyloside	2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953) 1463
$C_{12}H_{18}O_8$	Methyl triacetyl-β-D-xyloside	2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953) 1463
$C_{12}H_{18}O_8$	Methyl triacetyl-β-L-arabinoside	-	Sol	Anal, Band freq, I	Whistler	AC	25 (1953) 1463

$C_{12}H_{18}S$	Dicyclohexenyl sulfide	500-1500	L	Spec	Sheppard	TFS	46 (1950)	429
$C_{12}H_{18}Si$	Cyclohexylphenylsilane	-	L,Sol	Group freq, I	Harvey	JACS	76 (1954)	4555
$C_{12}H_{18}Si$	1-(Phenyldiethylsilyl)-ethylene	-	Sol	Group freq, Spec	Potts	SA	15 (1959)	679
$C_{12}H_{19}Br$	1-Bromo-2-(trans)-n-dodecen-4-yne	-	Sol	Band freq	Celmer	JACS	75 (1953)	3430
$C_{12}H_{19}ClN_2O_7S$	S-(Triacetyl-β-D-xylopyranoyl) thiuronium chloride	8-15μ	S	Spec	Bonner	JACS	73 (1951)	2241
$C_{12}H_{19}N$	5,5-Dimethyl-3-isopropylidene-2-α-methylvinylpyrroline	6.39μ	Sol	Substitution effect	Meyers	JOC	24 (1959)	1233
$C_{12}H_{19}N$	N,N-Di-n-propylaniline	1-12μ	L	Spec	Bell	JACS	47 (1925)	2192
		8-2.8μ	L	Spec, Group study	Ellis	JACS	49 (1927)	347
$C_{12}H_{19}N$	2-Isopropyl-6-t-butylpyridine	2-15μ	L	Table	Podall	AC	29 (1957)	1423
$C_{12}H_{19}N$	n-Hexananilide	420-4000	-	Spec, Assign	Gray	DA	19 (1958)	454
$C_{12}H_{19}N$	N-Methyl-γ-phenylamylamine	-	-	Group freq	Leonard	JACS	75 (1953)	3727
$C_{12}H_{19}NO$	5,5-Dimethyl-3-N-pyrrolidylcyclohex-2-en-1-one	1500-1800	S	Freq, Struc	Leonard	JACS	81 (1959)	595
$C_{12}H_{19}NO$	l-Methylephedrine	600-1600	S,Sol	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{12}H_{19}NO$	N-p-Tolyl-3-methyl-2-aminobutanol-3	-	Sol	Group freq, H bond	Bergmann	JACS	75 (1953)	68

$C_{12}H_{19}NO_2$	2-Carbethoxy-3,4-diethyl 5-methylpyrrole	500-4000	S,Sol	Spec, Freq, Struc, Assign	Eisner	JCS	-	(1958)	971
$C_{12}H_{19}NO_2$	N-Ethyl-N-2,3-dihydroxy-propyl-m-toluidine	-	Sol	Anal	Whetsel	AC	29	(1957)	1006
$C_{12}H_{19}NO_3$	1,4-Diethyl-4-n-butyl-2,3,5-pyrrolidine-trione	-	-	Ident	Skinner	JACS	72	(1950)	5569
$C_{12}H_{19}N_3O$	cis-Jasmone semicarbazone	-	L,S	Ident	Harper	JCS	-	(1955)	1512
$C_{12}H_{19}N_3O_7S$	S-Acetylglutathione	2-9 μ	Sol	Spec, Freq	Jencks	ABB	88	(1960)	193
$C_{12}H_{20}$	Dihexene	-	-	Struc	Moore	JACS	74	(1952)	373
$C_{12}H_{20}$	Dispiro[4,1,4,1] dodecane	2-16 μ	Sol	Spec, Struc	Walborsky	JOC	18	(1953)	702
$C_{12}H_{20}ClNO$	1-Chloro-1'-nitroso-bicyclohexane	1-15 μ	G	Group freq	Luttke	JPR	15	(1954)	633
$C_{12}H_{20}NO_3P$	Diisopropyl anilino-phosphonate	900-1060	Sol	Band freq, I, Group freq	Halmann	JCS	-	(1953)	626
$C_{12}H_{20}N_2$	Dicyanodecane	2200-2300	Sol	Freq, Struc	Jesson	SA	13	(1958)	217
$C_{12}H_{20}N_2O_3$	Ortal	2-16 μ	Sol	Spec, Freq	Umberger	AC	24	(1952)	1309
$C_{12}H_{20}N_2O_6S_3$	bis-(β-Ethylsulfonyl-α-methylpropionitrile) sulfone	-	-	Ident	Ross	JACS	73	(1951)	540
$C_{12}H_{20}N_2S_3$	bis-(β-Ethylmercapto-α-methylpropionitrile) sulfone	-	-	Ident	Ross	JACS	73	(1951)	540
$C_{12}H_{20}N_4$	N,N'-Di-(α-cyano -isopropyl)piperazine	-	-	Ident	Emmons	JACS	77	(1955)	4387

$C_{12}H_{20}N_6O_7$	Hexaglycine	650-4000	S	Spec, Struc	Blout	JACS	74 (1952) 946
$C_{12}H_{20}O$	t-Butyl 2-methyl-cyclohex-1-enyl ketone	-	Sol	Ident	Braude	JCS	- (1955) 3766
$C_{12}H_{20}O$	3,7-Dimethylnona-2,4-cis,7-trien-9-ol methyl ether	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954) 5719
$C_{12}H_{20}OSi$	Trimethylsilylpropyl phenyl ether	-	-	Inductive effect	Josien	CPR	249 (1959) 826
$C_{12}H_{20}O_2$	cis-18°-2-Decalol acetate	1200-1280	Sol	Spec, Band freq, Stereo effect	Dauben	JACS	74 (1952) 5206
$C_{12}H_{20}O_2$	trans-53°-2-Decalol acetate	1200-1280	Sol	Spec, Band freq, Stereo effect	Dauben	JACS	74 (1952) 5206
$C_{12}H_{20}O_2$	trans-75°-2-Decalol acetate	1200-1280	Sol	Spec, Band freq, Stereo effect	Dauben	JACS	74 (1952) 5206
$C_{12}H_{20}O_2$	cis-105°-2-Decalol acetate	1200-1280	Sol	Spec, Band freq, Stereo effect	Dauben	JACS	74 (1952) 5206
$C_{12}H_{20}O_2$	α,γ-Di-t-butyl-$\Delta^{\alpha,\beta}$ butenolide	-	-	Group freq	Wiberg	JACS	76 (1954) 5367
$C_{12}H_{20}O_2$	3-(2,2-Dimethyl-6-methylenecyclohexyl) propionic acid	2.5-16 μ	-	Spec, Group freq	Stauffacher	HCA	37 (1954) 1227
$C_{12}H_{20}O_2$	cis-2-trans-8-Dodecadienoic acid	-	-	Band freq, Struc	Crombie	JCS	- (1952) 2997
$C_{12}H_{20}O_2$	trans-2-trans-8-Dodecadienoic acid	-	-	Band freq, Struc	Crombie	JCS	- (1952) 2997

$C_{12}H_{20}O_2$	Ethyl 2-(4-methyl-1-cyclohexen-1-yl)-propionate	1600-1800	L	Spec, Group freq, Struc	Dauben	JACS	75	(1953) 3352
$C_{12}H_{20}O_2$	Geranyl acetate	8.1-8.6 μ	Sol		Fenton	AC	31	(1959) 960
$C_{12}H_{20}O_2$	Geranyl acetate (α & β)	700-1800	L	Group study, Spec	Thompson	JCS	-	(1948) 1412
$C_{12}H_{20}O_2$	3,3,8,8-Tetramethyl-1,2-cyclooctanedione	-	L,S	Group freq	Leonard	JACS	72	(1950) 5388
$C_{12}H_{20}O_3$	trans-1,4-Dihydroxy-2-methoxy-10-methyl-Δ^2-octahydronaphthalene	2-12 μ	Sol	Band freq	Woodward	JACS	74	(1952) 4223
$C_{12}H_{20}O_3$	Ethyl 3-hydroxydec-4-ynoate	-	-	Group freq	Crombie	JCS	-	(1955) 1007
$C_{12}H_{20}O_3$	trans-1-Hydroxy-2-methoxy-4-keto-10-methyldecahydronaphthalene	2-12 μ	Sol	Band freq	Woodward	JACS	74	(1952) 4223
$C_{12}H_{20}O_3$	5-Methyl-1α,6α-epoxy-6-methoxyperhydro-(4aβ,8aβ)naphthalene-4α-ol	-	Sol	Band freq	Beyer	JACS	74	(1952) 1406
$C_{12}H_{20}O_3$	Methyl γ-(2-methyl-1-hydroxycyclohexyl) crotonate	-	Sol	Band freq	Dreiding	JACS	75	(1953) 3717
$C_{12}H_{20}O_3$	1,1,3-Triallyloxypropane	-	Sol	Group freq	Davison	JCS	-	(1953) 2607
$C_{12}H_{20}O_3S$	2-Acetyl-3-ethoxy-cyclohexane-1-spiro-2'-(1',3'-oxathiolan)	-	S	Band freq	Jaeger	JCS	-	(1955) 646
$C_{12}H_{20}O_4$	sec-Butyl fumarate	2-16 μ	L,Sol	Spec, Ident	Walton	AC	28	(1956) 1388

$C_{12}H_{20}O_4$	sec-Butyl maleate	2-16 μ	Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{12}H_{20}O_4$	Dibutyl fumarate	1050-1800	-	Group, Spec	Barnes	IEC	15 (1943)	659
		2-16 μ	L,Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{12}H_{20}O_4$	Dibutyl maleate	1150-1800	-	Group freq, Spec	Barnes	IEC	15 (1943)	659
		2-16 μ	L,Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{12}H_{20}O_4$	Isobutyl fumarate	2-16 μ	L	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{12}H_{20}O_4$	Isobutyl maleate	2-16 μ	Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{12}H_{20}O_4S$	trans-10-Hydroxymethyl-2-decalone mesylate	3.34-11.65 μ	Sol	Table, I	Dreiding	JACS	77 (1955)	411
$C_{12}H_{20}O_6$	1,2:4,5-Di-O-isopropylidene-D-fructopyranose	2-15 μ	S	Spec	Tipson	JRNB	62 (1959)	257
$C_{12}H_{20}O_6$	2,3:4,5-Di-O-isopropylidene-D-fructopyranose	2-15 μ	S	Spec	Tipson	JRNB	62 (1959)	257
$C_{12}H_{20}O_6$	1,2:5,6-Di-O-isopropylidene-D-glucofuranose	8-15 μ	S	Spec	Kuhn	AC	22 (1950)	276
		2-15 μ	S	Spec	Tipson	JRNB	62 (1959)	257
$C_{12}H_{20}O_6$	2,3:5,6-Di-O-isopropylidine-D-manno-furanose	2-15 μ	S	Spec	Tipson	JRNB	62 (1959)	257
$C_{12}H_{20}O_6$	2,3:4:6-Di-O-isopropylidine-L-xylo-hexulofuranose	2-15 μ	S	Spec	Tipson	JRNB	62 (1959)	257
$C_{12}H_{20}O_6$	Dimethyl jaconecate	2-15 μ	S,L, Sol	Spec	Bradbury	AJC	9 (1956)	258
$C_{12}H_{20}O_6$	2,2,5,5-Tetramethyl-3,3,6,6-bis-(ethylene-dioxyl) 1,4-dioxane	-	-	Group freq	McElvain	JACS	75 (1953)	3993

$C_{12}H_{20}O_7$	Triethyl citrate	2-15 μ	L	Spec	Kendall	APS	7	(1953)	179
$C_{12}H_{20}S$	Cyclohexyl cyclohexenyl sulfide	500-1500	L	Spec	Sheppard	TFS	46	(1950)	429
$C_{12}H_{20}Si$	n-Hexylphenylsilane	-	L,Sol	Group freq, I	Harvey	JACS	76	(1954)	4555
$C_{12}H_{20}Si$	Phenyltriethylsilane	-	L	Ident	Gilman	JOC	18	(1953)	1743
$C_{12}H_{20}Si$	Tetraallylsilane	8-15 μ	Sol	Spec	Scott	JACS	73	(1951)	2599
$C_{12}H_{21}BrO$	2-Bromocyclododecanone	-	Sol	IR shift	Leonard	JACS	80	(1958)	6039
$C_{12}H_{21}N$	3-sec-Butylidine-s-ethyl-2,5-Dimethylpyrroline	6.28 μ	Sol	Substitution effect	Meyers	JOC	24	(1959)	1233
$C_{12}H_{20}NO$	5- 2-Dimethylaminoethyl - 1-methoxy-4-methyl-1,4-cyclohexadiene	2-12 μ	-	Spec	Stork	JACS	74	(1952)	768
$C_{12}H_{21}NO_3$	3-Nonyloxazolid-2,4-dione	650-4000	Sol	Spec	Pianka	JCS	-	(1960)	983
$C_{12}H_{21}NO_3S$	2-(5-Carboxyhexyl)-4-thiazolidone ethyl ester	-	Sol	Group freq	Pennington	JACS	75	(1953)	109
$C_{12}H_{21}NO_3S$	2-(7-Carboxyheptyl)-4-thiazolidone methyl ester	-	Sol	Group freq	Pennington	JACS	75	(1953)	109
$C_{12}H_{21}NO_6$	Diethyl ethyl-(1-nitro-1-methylethyl) malonate	-	-	Absorp freq	Tamelen	JACS	71	(1949)	835
$C_{12}H_{21}N_3O_3$	Hexhydro-1,3,5-tripropionyl-s-triazine	650-3500 -	S -	Spec Ident	Gradsten Emmons	JACS JACS	70 74	(1948) (1952)	3079 5524
$C_{12}H_{21}N_3O_6$	Ethyl trans-1,2,3-cyclopropanetri-carbamate	650-3800	S	Spec, Group freq	Hoffman	JACS	74	(1952)	5485

$C_{12}H_{21}O_4P$	Trimethallyl phosphate	1050-1800	-	Spec	Barnes	IEC	15 (1943)	659
$C_{12}H_{22}$	Cyclohexylcyclohexane	6-14 μ	-	Spec	Beck	JCP	22 (1954)	672
		-	-	Compar	Reed	JCS	- (1954)	1931
		15-35 μ	S	Spec, Struc, Correlation	Bentley	SA	15 (1959)	165
$C_{12}H_{22}$	Cyclopentylcyclohexylmethane	-	-	Band freq, Absorbance	Bomstein	AC	25 (1953)	512
$C_{12}H_{22}$	2,2'-Dimethyldicyclopentyl	6-15 μ	S	Spec	Orchin	JACS	68 (1946)	2737
$C_{12}H_{22}BrNO_3$	α-Bromisocapropylleucine	-	-	Band freq	Buswell	JPC	44 (1940)	1126
$C_{12}H_{22}N_2O$	Azoxycyclohexane	1250-1600	L	Spec, Band freq, Struc	Langley	JCS	- (1951)	2309
		-	L	Group freq	Langley	JCS	- (1952)	4191
$C_{12}H_{22}N_2O_2$	Nitrosohexane dimer	-	-	Freq, Struc	Luttke	ZE	61 (1957)	976
$C_{12}H_{22}N_2O_5$	Ethyl 2-azoxyisobutyrate	1250-1600	L	Spec, Band freq, Struc	Langley	JCS	- (1951)	2309
$C_{12}H_{22}N_4O_5$	Glycylglycyl-DL-leucylglycine	650-4000	S	Spec, Struc	Blout	JACS	74 (1952)	1946
$C_{12}H_{22}N_4O_5$	Tri-L-alanyl-L-alanine	-	S	Struct	Zahn	A	636 (1960)	132
$C_{12}H_{22}O$	Cyclododecanone	-	Sol	Carbonyl freq	Leonard	JACS	80 (1958)	6039
		-	Sol	Freq	Burer	HCA	43 (1960)	1487
$C_{12}H_{22}O$	cis-Cyclohexylcyclohexanol	2.6-3.2 μ	Sol	H bond	Pickett	JACS	71 (1949)	1311
$C_{12}H_{22}O$	trans-Cyclohexylcyclohexanol	2.6-3.2 μ	Sol	H bond	Pickett	JACS	71 (1949)	1311

$C_{12}H_{22}O$	2,2,7,7-Tetramethyl-cyclooctanone	-	L,S	Group & Band freq	Leonard	JACS	72	(1950) 5388
$C_{12}H_{22}O_2$	Cyclohexanonepinacol	3μ	Sol	Band freq, Struc	Kuhn	JACS	74	(1952) 2492
$C_{12}H_{22}O_2$	2-Dodecenoic acid	5.5-16μ	L,Sol	Spec, Struc	Freeman	JACS	75	(1953) 1859
$C_{12}H_{22}O_2$	2-Ethylhexyl methacrylate	-	Sol	Group freq, Absorptivity	Davison	JCS	-	(1953) 2607
$C_{12}H_{22}O_2$	Ethyl 3-methyl-2-nonenoate	-	Sol	Group freq table	Celmer	JACS	74	(1952) 3838
$C_{12}H_{22}O_2$	Ethyl 3-methyl-3-nonenoate	-	Sol	Group freq table	Celmer	JACS	74	(1952) 3838
$C_{12}H_{22}O_2$	Methyl 10-hendecenoate	2-16μ	L	Spec	Shreve	AC	22	(1950) 1498
		200-3200	-	Spec, Assign	Hidalgo	ARS	52B	(1956) 627
$C_{12}H_{22}O_2$	5-Methyl-2-hendecenoic acid	5.5-16μ	L,Sol	Spec, Struc	Freeman	JACS	75	(1859) 1859
$C_{12}H_{22}O_2$	2-Methyl-5-isopropyl-1-acetoxymethyl-cyclopentane	-	-	Band freq	Meinwald	JACS	76	(1954) 4571
$C_{12}H_{22}O_2$	3,3,8,8-Tetramethyl-2-hydroxycyclo-octanone	-	L,S	Band freq	Leonard	JACS	72	(1950) 5388
$C_{12}H_{22}O_2S$	Dicyclohexyl sulfone	-	Sol	Group freq	Waight	JCS	-	(1952) 2440
		6-9μ	Sol	Assign, Correlation	Haszeldine	JCS	-	(1955) 2901
$C_{12}H_{22}O_3$	Caproic anhydride	1100-1850	-	Group freq, Spec	Barnes	IEC	15	(1943) 659
$C_{12}H_{22}O_3$	Ethyl dl-pinolate	1600-4000	Sol	Spec, Ident	Francois	BSCF	-	(1959) 1606
$C_{12}H_{22}O_3$	trans-1,4-Dihydroxy-2-methoxy-10-methyl-decahydronaphthalene	2-12μ	Sol	Band freq	Woodward	JACS	74	(1952) 4223

$C_{12}H_{22}O_3Si_2$	1,3-Dimethyl-1,3-di-(1-pentynyl)disiloxane-1,3-diol	-	-	Table band freq, Assign	Frisch	JACS	74 (1952)	4853
$C_{12}H_{22}O_4$	Di-n-butyl succinate	720-750	L	Band freq	Wiberly	AC	22 (1950)	841
$C_{12}H_{22}O_4$	Diethyl suberate	670-3500	L	Spec, Config	Corish	JCS	- (1958)	927
$C_{12}H_{22}O_4$	Dimethylsebacate	2-16μ	Sol	Spec, Assign	Stahl	JACS	74 (1952)	5487
		670-3500	L	Spec, Config	Corish	JCS	- (1958)	927
$C_{12}H_{22}O_4$	Dodecanedioic acid	670-2000	L,S	Spec	Corish	JCS	- (1955)	2431
		650-2000	S	Struc, Spec	Davies	TFS	56 (1960)	185
$C_{12}H_{22}O_4$	Ethyl ethylisopropyl-malonate	-	-	Ident	Tamelen	JACS	71 (1949)	835
$C_{12}H_{22}O_4$	Ethyl octyl oxalate	1740-1800	Sol	Freq	Simon	JOC	23 (1958)	1078
$C_{12}H_{22}O_4$	2,4,4-Trimethyl-pentylidene diacetate	-	-	Ident	Gasson	JCS	- (1954)	2170
$C_{12}H_{22}O_5$	1-Hydroperoxycyclohexyl-1-hydroxycyclohexyl peroxide	-	S,Sol	Group freq, H bond, Struc	Cooper	JCS	- (1952)	1180
$C_{12}H_{22}O_6$	Di-n-butyl D-tartrate	6600-7400	-	Spec, H bond	Hilbert	JACS	58 (1936)	548
		720-750	L	Config, Band freq	Wiberly	AC	22 (1950)	841
		2-15μ	L	Spec	Kendall	APS	7 (1953)	179
		2-15μ	Sol	Spec, Anal, Group freq	Pristera	AC	25 (1953)	844
$C_{12}H_{22}O_6$	1,2:5,6-Di-O-isopropyl-idene-D-mannitol	2-15μ	S	Spec	Tipson	JRNB	62 (1959)	257
$C_{12}H_{22}O_6$	Triethylene glycol dipropionate	2-15μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{12}H_{22}O_{11}$	Cellobiose	6-15μ	S	Spec	Kuhn	AC	22 (1950)	276
		3100-3600	S	Spec	Marrinan	JAPC	4 (1954)	204

		700-1000	S	Freq	Nakanishi	BCSJ	29	(1956)	434
		700-1000	S	Ident	White	AC	30	(1958)	506
$C_{12}H_{22}O_{11}$	β-Cellobiose	-	S	Group & Band freq, I	Barker	JCS	-	(1954)	171
$C_{12}H_{22}O_{11}$	Gentibiose	-	S	Group & Band freq, I	Barker	JCS	-	(1954)	171
		700-1500	S	Ident	White	AC	30	(1958)	506
$C_{12}H_{22}O_{11}$	3-O-α-D-Glucopyranosyl-D-glucose	700-1500	S	Ident	White	AC	30	(1958)	506
$C_{12}H_{22}O_{11}$	Iso-maltose	700-1500	S	Ident	White	AC	30	(1958)	506
$C_{12}H_{22}O_{11}$	Lactose	650-5000	S	Spec	Manning	APS	10	(1956)	85
		7-15 μ	S	Interaction between lactose and casien	Norris	N	181	(1958)	265
$C_{12}H_{22}O_{11}$	α-Lactose	1.7-4.6 μ	Sol	Spec, Anal	Barr	JCP	8	(1940)	51
		8-15 μ	S	Spec	Kuhn	AC	22	(1950)	276
$C_{12}H_{22}O_{11}$	β-Lactose	1.7-4.6 μ	Sol	Spec, Anal	Barr	JCP	8	(1940)	51
$C_{12}H_{22}O_{11}\cdot H_2O$	Maltose	700-1500	S	Ident	White	AC	30	(1958)	506
$C_{12}H_{22}O_{11}$	dl-Maltose	1.7-4.6 μ	Sol	Spec, Anal	Barr	JCP	8	(1940)	51
		-	-	Freq, Assign	Loofbourow	RMP	12	(1940)	267
		8-15 μ	S	Spec	Kuhn	AC	22	(1950)	276
$C_{12}H_{22}O_{11}$	β-Maltose	-	S	Group & Band freq, I	Barker	JCS	-	(1954)	171
$C_{12}H_{22}O_{11}\cdot H_2O$	α-Melibiose monohydrate	7.5-14 μ	S	Spec	Fletcher	JACS	74	(1952)	5774
$C_{12}H_{22}O_{11}$	Sucrose	5-2 μ	Sol	Rotatory dispession	Ingersoll	PR	9	(1917)	257
		-	Sol	Magnetic rotation, polarisation	Ingersoll	JOSA	5	(1921)	156
		8-2.5 μ	S	Spec	Ellis	JCP	6	(1938)	221
		4.72 μ	Sol	Absorption band	Barr	JCP	7	(1939)	8
		1.7-2 μ	S	Perturbed OH groups	Ellis	PR	55	(1939)	597

		2.6-4.6μ	Sol	Spec	Barr	JCP	8	(1940)	51
		-	-	Freq, Assign	Loofbourow	RMP	12	(1940)	267
		-	-	Ident	Djeraasi	JACS	76	(1954)	4463
		700-1500	S	Ident	White	AC	30	(1958)	506
$C_{12}H_{22}O_{11}$	α,α-Trehalose	8-15μ	S	Spec	Kuhn	AC	22	(1950)	276
		-	S	Group & Band freq, I	Barker	JCS	-	(1954)	171
$C_{12}H_{22}O_{11}$	α,β-Trehalose	-	S	Group & Band freq, I	Barker	JCS	-	(1954)	171
$C_{12}H_{22}O_{11}$	β,β-Trehalose	-	S	Group & Band freq, I	Barker	JCS	-	(1954)	171
$C_{12}H_{22}O_{11}\cdot 2H_2O$	β-Melibiose dihydrate	8-15μ	S	Spec	Kuhn	AC	22	(1950)	276
		7.5-14μ	S	Spec	Fletcher	JACS	74	(1952)	5774
$C_{12}H_{22}S$	Dicyclohexyl sulfide	500-1500	L	Spec	Sheppard	TFS	46	(1950)	429
$C_{12}H_{22}S_2$	Dicyclohexyl disulfide	500-1500	L	Spec	Sheppard	TFS	46	(1950)	429
		-	-	Group freq	Brandt	JCS	-	(1952)	2549
$C_{12}H_{22}Si_2$	m-bis-(Trimethylsilyl) benzene	20-160μ	Sol	Spec, Ident, Iso	Clark	JACS	73	(1951)	3798
$C_{12}H_{22}Si_2$	o-bis-(Trimethylsilyl) benzene	20-160μ	Sol	Spec, Ident, Iso	Clark	JACS	73	(1951)	3798
$C_{12}H_{22}Si_2$	p-bis-(Trimethylsilyl) benzene	20-160μ	Sol	Spec, Ident, Iso	Clark	JACS	73	(1951)	3798
$C_{12}H_{23}DO_2$	Lauric acid-d_1	500-1500	S	Spec, Assign	Hadzi	PRS	216	(1953)	247
$C_{12}H_{23}N$	N-Allylidene-3,5,5-trimethylhexylamine	2.5-14μ	L	Spec, Band freq	Pollard	JACS	73	(1951)	2925
$C_{12}H_{23}N$	1-Ethylbutylamino-1-cyclohexane	-	-	Spec	Opitz	A	623	(1959)	112
$C_{12}H_{23}N$	Ethyl n-butyl-ketene n-butylimine	-	-	Group freq	Stevens	JACS	76	(1954)	4398

$C_{12}H_{23}N$	n-Undecylanitrile	2200-2300	Sol	Freq, Struc	Jesson	SA	13 (1958)	217
$C_{12}H_{23}NO$	cis-N-Acetyl-2-n-butyl-3-methyl-piperidine	630-4000	L	Spec, Band freq	Leonard	JOC	18 (1953)	598
$C_{12}H_{23}NO$	trans-N-Acetyl-2-n-butyl-3-methyl-piperidine	630-4000	L	Spec, Band freq	Leonard	JOC	18 (1953)	598
$C_{12}H_{23}NO$	3,3-Dimethyl-1-N-(α, α-dimethylpyrrolidyl) -2-butanone	-	S	Group freq	Leonard	JACS	77 (1955)	3272
$C_{12}H_{23}NO$	3,3-Dimethyl-1-N-hexamethyleneimino-2-butanone	-	S	Group freq	Leonard	JACS	77 (1955)	3272
$C_{12}H_{23}NO$	3,3-Dimethyl-1-N-(α-methylpiperidyl)-2-butanone	-	S	Group freq	Leonard	JACS	77 (1955)	3272
$C_{12}H_{23}NO$	2-(2-Ethyl-2hexe-nylidineamino)-1-butanol	-	L	Group freq	Nace	JACS	75 (1953)	3646
$C_{12}H_{23}NO$	2-(3-Heptene-3)-4-ethyloxazolidine	-	L	Ident	Nace	JACS	75 (1953)	3646
$C_{12}H_{23}NO_2$	1-t-Butyl-1-azacyclo-nonan-5-ol-6-one	-	Sol	Band freq	Leonard	JACS	76 (1954)	3463
$C_{12}H_{23}NO_2$	1-Ethyl-1-azacyclo-hendecan-6-ol-7-one	- -	Sol Sol	Group freq Group freq	Leonard Leonard	JACS JACS	76 (1954) 76 (1954)	630 5708
$C_{12}H_{23}NO_6$	Methyl 2-acetamido-2-deoxy-3,4,6-tri-O-methyl- α-D-gluco-pyranoside	-	S	Group & Band freq, I	Barker	JCS	- (1954)	171

$C_{12}H_{23}NO_6$	Methyl 2-acetamido-2-deoxy-3,4,6-tri-O-methyl-β-D-gluco--pyranoside	-	S	Group & Band freq, I	Barker	JCS	-	(1954)	171
$C_{12}H_{23}NO_{10}\cdot HCl$	Trihalosamine hydrochloride salt	2-15μ	S	Spec, Freq	Arcamone	GCI	87	(1957)	1499
$C_{12}H_{23}N_3O_6$	Ethyl 1,2,3-propanetricarbamate	650-3800	S	Spec, Group freq	Hoffman	JACS	74	(1952)	5485
$C_{12}H_{24}$	1-Dodecene	-	-	Group freq, Absorption coefficient	Bonino	TFS	25	(1929)	876
		910	Sol	Optical density	Trevmann	AC	21	(1949)	1161
		-	S	Band assignment	Harrah	JCP	33	(1960)	298
$C_{12}H_{24}$	Butene trimer	-	-	Band freq, Struc	Plesch	JCS	-	(1947)	257
$C_{12}H_{24}$	n-Butylcyclooctane	2-16μ	L	Spec	Cope	JACS	74	(1952)	175
$C_{12}H_{24}$	s-Butylcyclooctane	2-16μ	L	Spec	Cope	JACS	74	(1952)	175
$C_{12}H_{24}$	Cyclododecane	650-1600	S,L	Spec	Billetter	HCA	41	(1958)	338
$C_{12}H_{24}$	Triisobutylene	1150-1650	-	Spec	Barnes	IEC	15	(1943)	659
$C_{12}H_{24}DNO_2$	Laurinohydroxamic acid-d_1	700-4000	S,S	Spec, H bond	Hadzi	SA	10	(1958)	38
$C_{12}H_{24}N_2O_2$	2-(3-Heptanyl)-3-nitroso-4-ethyl-oxazolidine	-	L	Group study	Goldberg	JACS	75	(1953)	6260
$C_{12}H_{24}N_2O_3\cdot H_2O$	L-Leucyl-L-leucine hydrate	4000-650	S	Spec, Band study	Blout	JACS	74	(1952)	1946
$C_{12}H_{24}N_4O_4$	Alanyllysylalanine (3L,LLD,LDL)	625-5000	S	Freq, Assign, Spec	Ellenbogen	JACS	78	(1956)	366

$C_{12}H_{24}O$	t-Butyl triptyl ketone	-	-	Group freq, I	Bartlett	JACS	77	(1955)	2806
$C_{12}H_{24}O$	1,2-Epoxydodecane	2-15μ	L	Spec, Anal	Shreve	AC	23	(1951)	277
		2-15μ	Sol	Spec, Struc, Group freq	Bomstein	AC	30	(1958)	544
$C_{12}H_{24}O$	2,2,7,7-Tetramethyl-cyclooctanol	-	L,S	Band freq	Leonard	JACS	72	(1950)	5388
$C_{12}H_{24}OS$	3,3-Dimethyl-1-n-hexylmercapto-2-butanone	-	L	Group freq	Leonard	JACS	77	(1955)	3272
$C_{12}H_{24}O_2$	5-t-Butyl-6-hydroxy-2,2-dimethylhexan-3-one hemiketal	-	-	Group study	Wiberg	JACS	76	(1954)	5367
$C_{12}H_{24}O_2$	3-(t-Butylperoxy) octene-1	-	-	Group study	Kharasch	JOC	18	(1953)	322
$C_{12}H_{24}O_2$	cis-Cyclododecane-1,2-diol	-	Sol	Group study	Kuhn	JACS	76	(1954)	4323
$C_{12}H_{24}O_2$	trans-Cyclododecane-1,2-diol	-	Sol	Group study	Kuhn	JACS	76	(1954)	4323
$C_{12}H_{24}O_2$	Ethyl caprate	-	L	Peanut oil study	Barr	PR	79	(1950)	416
		1-12μ	Sol	Spec, Table	O'Connor	JAOC	28	(1951)	154
$C_{12}H_{24}O_2$	Lauric acid	-	-	Heat of association	Davies	JCP	6	(1938)	767
		2-3.5μ	-	Spec, H bond	Davies	JCP	8	(1940)	577
		700-4000	L,S	Table, Group freq	Flett	JCS	-	(1951)	962
		1-12μ	Sol	Spec, Table	O'Connor	JAOC	28	(1951)	154
		2.5-14μ	S	Spec, Group freq	Crombie	JCS	-	(1952)	2997
		2-14μ	S	Spec	Harple	AC	24	(1952)	635
		1100-1400	S	Spec, Band study	Jones	JACS	74	(1952)	2575
		6.80-13.76μ	S	Table band & Group freq	Fowler	JOSA	43	(1953)	1054
		500-1500	S	Spec, Assign	Hadzi	PRS	216	(1953)	247

		700-1700	L,S	Comparison of states	Neuilly	CPR	238	(1954)	65
		670-3500	L,S	Spec, Characteristics	Corish	JCS	-	(1957)	1746
		2-15 μ	S	Spec, Anal	Meiklejohn	AC	29	(1957)	329
		-	Sol	Group freq	Wenograd	JACS	79	(1957)	5844
		5.5-6.5 μ	Sol	Group study, I	Sawicki	AC	31	(1959)	523
$C_{12}H_{24}O_4$	1,4-Di(t-butyl-peroxy)butene-2	-	-	Group study	Kharasch	JOC	18	(1953)	322
$C_{12}H_{24}O_4$	3,4-Di(t-butyl-peroxy)butere-1	-	-	Group study	Kharasch	JOC	18	(1953)	322
$C_{12}H_{24}O_4Si_4$	Cyclotetra(methyl-vinylsiloxane)	3.28-14.65 μ	-	Table, Group assign	Kantor	JACS	77	(1955)	1685
$C_{12}H_{24}Si$	Dicyclohexylsilane	2-13 μ	Sol	Spec	West	JOC	18	(1953)	303
		2-16 μ	Sol	Freq	Kniseley	SA	15	(1959)	651
$C_{12}H_{25}Br$	1-Bromododecane	-	-	Comparison of IR & Raman lines	Cleveland	JCP	8	(1940)	867
$C_{12}H_{25}ClO_2S$	n-Dodecanesulfonyl chloride	-	-	Spec, Assign	Geisler	ZE	63	(1959)	1140
$C_{12}H_{25}Cl_3OSi$	Trichlorosilyldecyl ethyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{12}H_{25}Cl_3OSi$	Trichlorosilyloctyl butyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{12}H_{25}Cl_3OSi$	Trichlorosilylundecyl methyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{12}H_{25}N$	3,5-Diethyl-2-propylpiperidine	-	-	Group study	Patrick	JACS	74	(1952)	2984
$C_{12}H_{25}NO$	cis-2-Amino-cyclododecanol	-	Sol	Freq, Assign, Shift	Sicher	CCCC	24	(1959)	950

$C_{12}H_{25}NO$	trans-2-Amino-cyclododecanol	-	Sol	Freq, Assign, Shift	Sicher	CCCC	24	(1959)	950
$C_{12}H_{25}NO$	2-Cycloheptylamino-3-methyl-3-butanol	1120-1430	-	Band freq	Bergmann	JACS	73	(1951)	5662
$C_{12}H_{25}NO$	2,2-Di-n-propyl-4,5,5-trimethyloxazolidine	1080-1190	-	Band freq	Bergmann	JACS	73	(1951)	5662
$C_{12}H_{25}NO$	2-(2-Ethylhexylidine-amino)-1-butanol	-	L	Group freq, Struc	Goldberg	JACS	75	(1953)	6260
		-	L	Ident, Anal	Nace	JACS	75	(1953)	3646
$C_{12}H_{25}NO_2$	Laurinohydroxamic acid	700-4000	S,Sol	Spec, H bond	Hadzi	SA	10	(1958)	38
$C_{12}H_{25}NO_3$	n-Dodecyl nitrate	2-15μ	Sol	Spec, Struc, Correlation	Carrington	SA	16	(1960)	1279
$C_{12}H_{25}O_3S$	n-Dodecane-1-sulfonate	500-4000	S	Group freq	Fujimori	BCSJ	32	(1959)	850
$C_{12}H_{26}$	n-Dodecane	2-14μ	L	Group absorption, Spec	Ellis	PR	27	(1926)	298
		1.1-1.8μ	Sol	Spec	Liddel	JRNB	11	(1933)	599
		1250-1800	-	Spec	Barnes	IEC	15	(1943)	659
		-	-	Freq	Kellner	TFS	41	(1945)	217
		8000-9000	Sol	Group anal	Hibbard	AC	21	(1949)	486
		-	-	Freq	Simanouti	JCP	17	(1949)	1102
		-	-	Selection rule	Mizushima	JACS	71	(1949)	1320
		-	-	Group anal, Absorption	Hastings	AC	24	(1952)	612
		-	-	Spec, I	Lauer	APS	6	(1952)	29
		3.4-14.7μ	Sol	Struct, Group and	Francis	AC	25	(1953)	1466
		700-350	L	Table, Freq	Donneaud	CPR	239	(1954)	1480
		700-3000	Sol	Ext coeff	Jones	SA	9	(1957)	235
$C_{12}H_{26}$	3-Ethyldecane	700-350	L	Table, Freq	Donneaud	CPR	239	(1954)	1480
$C_{12}H_{26}$	Isododecane	1100-1600	-	Spec	Barnes	IEC	15	(1943)	659
$C_{12}H_{26}Cl_2O_4Si$	Di-t-butoxy-bis(2-chloro-ethoxy)silane	3.46-15.1μ	L	Table, Band freq, I	George	JACS	75	(1953)	6308

$C_{12}H_{26}N_2O$	Di-n-hexylnitrosamine	5.95-9.18μ	L	Table, Group freq, I	Haszeldine	JCS	-	(1954)	691
		-	L,Sol	Stretch freq, Assign	Haszeldine	JCS	-	(1955)	4172
		-	L,Sol	Stretch freq, Assign	Haszeldine	JCS	-	(1955)	4172
$C_{12}H_{26}N_4O_6$	Neomycin-A	800-4000	S	Spec, Struct	Leach	JACS	73	(1951)	2794
		-	S	Spec, Ident	Leach	JACS	74	(1952)	3187
$C_{12}H_{26}N_4O_6 \cdot HCl$	Neomycin-A hydrochloride	-	S	Spec, Ident	Leach	JACS	74	(1952)	3187
$C_{12}H_{26}O$	t-Butyltriptylcarbinol	-	·	Ident	Bartlett	JACS	77	(1955)	2806
$C_{12}H_{26}O$	Dodecanol	2.6-3.3μ	Sol	Spec, H bond	Smith	JRNB	46	(1951)	145
		2.75μ	Sol	I	Hughes	JCP	24	(1956)	489
		3570-3700	Sol	Freq, I	Flynn	AJC	12	(1959)	575
$C_{12}H_{26}O$	2,2,4,4-Tetramethyl-3-isopropyl-3-pentanol	1-15μ	L	Spec, H bond	Smith	JRNB	46	(1951)	145
$C_{12}H_{26}O$	2,2,4,4-Tetramethyl-3-n-propyl-3-pentanol	1-15μ	L	Spec, H bond	Smith	JRNB	46	(1951)	145
$C_{12}H_{26}O_2$	n-Hexyl peroxide	6.76-13.78μ	-	Table, I	Welch	JACS	77	(1955)	551
$C_{12}H_{26}O_2$	2-Hexyl peroxide	6.26-13.78μ	-	Table, I	Welch	JACS	77	(1955)	551
$C_{12}H_{26}O_3$	Di-(2-butoxyethyl) ether	720-750	L	Absorption band freq	Wiberly	AC	22	(1950)	841
$C_{12}H_{26}O_3P$	Di(1,2,2-Trimethylpropyl) phosphonate	-	-	Group freq	Bellamy	JCS	-	(1952)	1701
		-	-	Group freq	Bell	JACS	76	(1954)	5185
$C_{12}H_{26}O_7$	Hexaethylene glycol	2400-4000	-	Spec, H bond	Barnes	JCP	4	(1936)	722
		700-1600	L	Freq, Config	Kuroda	JPS	26	(1957)	323
$C_{12}H_{26}S$	n-Dodecyl mercaptan	-	Sol	Stretch	Pozefsky	AC	23	(1951)	1611
$C_{12}H_{27}Cl_3N_3B_3$	B-Trichloro-N-tributyl-borazole	-	Sol	Struct	Watanabe	SA	16	(1960)	78
$C_{12}H_{27}FO_3Si$	Tri-t-butoxy-fluorosilane	-	-	Band study	Hyde	JACS	77	(1955)	3140

$C_{12}H_{27}F_3NB$	Tri-n-butylamine-boro trifluoride complex	2-16μ	Sol	Band study	Osthoff	JACS	74 (1952)	1361
$C_{12}H_{27}N$	Di-n-hexylamine	2-15μ	L,Sol	Freq, Assign, NCA	Stewart	JCP	30 (1959)	1259
$C_{12}H_{27}N$	Tri-n-butylamine	1-12μ	L	Spec	Bell	JACS	49 (1927)	1837
		6-2.4μ	L	Bond study	Ellis	JACS	50 (1928)	685
		-	-	Solvent effect	Gordy	JCP	7 (1939)	93
		720-750	L	Band freq	Wiberly	AC	22 (1950)	841
$C_{12}H_{27}N\cdot HBr$	Tri-n-butylamine hydrobromide	1000-3500	S,Sol	Spec, Band study	Chenon	CJC	36 (1958)	1181
$C_{12}H_{27}N\cdot HCl$	Tri-n-butylamine hydrochloride	1000-3500	S,Sol	Spec, Band study	Chenon	CJC	36 (1958)	1181
$C_{12}H_{27}N\cdot HI$	Tri-n-butylamine hydriodide	1000-3500	S,Sol	Spec, Band study	Chenon	CJC	36 (1958)	1181
$C_{12}H_{27}NO$	N-(Di-n-propylmethyl)-3-methyl-2-aminobutanol-3	-	Sol	Group freq, H bond	Bergmann	JACS	75 (1953)	68
$C_{12}H_{27}NO$	2-γ-Heptylamino-3-methyl-3-butanol	1120-3430	-	Band freq	Bergmann	JACS	73 (1951)	5662
$C_{12}H_{27}O_3P$	Di-n-butyl n-butane-phosphonate	2-21μ	L	Spec, Anal	Daasch	AC	23 (1951)	853
		-	-	Group freq, Shift	Bell	JACS	76 (1954)	5185
$C_{12}H_{27}O_3P$	Diethyl 2-ethylhexyl-phosphite	670-1600	L	Spec, Group freq	Bellamy	JCS	- (1952)	475
$C_{12}H_{27}O_3P$	Tributyl phsophite	2-21μ	L	Spec, Anal	Daasch	AC	23 (1951)	853
		-	-	Group freq	Bell	AC	25 (1953)	1720
$C_{12}H_{27}O_3B$	Boron tri-n-butoxide	-	-	Group freq	Bell	AC	25 (1953)	1720
		670-1800	S,Sol	Spec, Freq	Werner	AJC	8 (1955)	355
$C_{12}H_{27}O_3B$	t-Butyl borate	3.39-13.10μ-		Table	George	JACS	77 (1955)	1900

$C_{12}H_{27}O_3B$	Tri-s-butyl borate	670-1800	S,Sol	Spec, Freq	Werner	AJC	8	(1955)	355
$C_{12}H_{27}O_4P$	Diethyl 2-ethylhexyl-phosphate	-	-	Group freq	Bellamy	JCS	-	(1952)	1701
		-	-	Group freq, Shift	Bell	JACS	76	(1954)	5185
$C_{12}H_{27}O_4P$	2-Ethylhexyl hydrogen phenylphosphonate	600-500	L,Sol	Spec, H bond	Peppard	JINC	12	(1960)	60
$C_{12}H_{27}O_4P$	Tri-n-butyl phosphate	700-1530	L	Spec, Group freq	Bellamy	JCS	-	(1952)	475
		-	Sol	Group freq	Bergmann	JCS	-	(1952)	847
		2-15μ	L	Spec	Kendall	APS	7	(1953)	179
		-	-	Group freq, Shift	Bell	JACS	76	(1954)	5185
		2-15μ	L,Sol	Spec, Group freq	Geddes	JPC	58	(1954)	1062
		1160-2998	Sol	H bond, Table, I	Halpern	JACS	77	(1955)	4472
$C_{12}H_{27}PS_4$	Tri-n-butyl phosphoro-tetrathioate	2-25μ	-	Spec, Struct	Menefee	JOC	22	(1957)	792
$C_{12}H_{28}NO_2PS$	Di-n-butyldiethyl phosphoramidothioate	740-1500	-	Assign	McIvor	CJC	37	(1959)	869
$C_{12}H_{28}NO_2PS$	O-O-Di-n-butyldiethyl phosphoramidothioate	600-1050	Sol	Assign	McIvor	CJC	37	(1959)	869
$C_{12}H_{28}NO_2PS$	Di-isopropyldiisopropyl phosphoramidothionate	740-1500	Sol	Assign	McIvor	CJC	37	(1959)	869
$C_{12}H_{28}NO_2PS$	Di-n-propyl diisopropyl phosphoramidothionate	740-1500	Sol	Assign	McIvor	CJC	37	(1959)	869
$C_{12}H_{28}NO_2PS$	O-O-Di-n-propyl diisopropyl phosphoramidothioate	600-1050	Sol	Assign	McIvor	CJC	37	(1959)	869
$C_{12}H_{28}NO_2PS$	O-O-Diisopropyl diisopropyl phosphoramidothioate	600-1050	Sol	Assign	McIvor	CJC	37	(1959)	869
$C_{12}H_{28}NO_3P$	Diethyldibutylamino phosphonate	900-1060	Sol	Band & Group freq, I	Halmann	JCS	-	(1953)	626

$C_{12}H_{28}NO_4P$	Di-isopropylcyclohexyl-ammonium phosphate	-	-	Spec	Maarsen	RTC	76 (1957)	724
$C_{12}H_{28}N_2$	N,N-Di-isopropylhexamethylenediamine	2-15 μ	L	Freq, Assign, NCA	Stewart	JCP	30 (1959)	1259
$C_{12}H_{28}N_4O_2$	Di-n-propylnitrosamine dimer	-	G,L, Sol	Assign	Haszeldine	JCS	- (1955)	4172
$C_{12}H_{28}N_6$	Sym-bis-(2-Isopropylaminoethyl)oxamidine	3-6.5 μ	Sol	Spec, Group freq	Woodburn	JOC	17 (1952)	1235
$C_{12}H_{28}N_6$	Sym-bis-(2-n-propylaminoethyl)oxamidine	3-6.5 μ	Sol	Spec, Group freq	Woodburn	JOC	17 (1952)	1235
$C_{12}H_{28}OSi$	Trimethylsilylheptyl ethyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{12}H_{28}OSi$	Trimethylsilyloctyl methyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{12}H_{28}OSi$	Trimethylsilylpentyl butyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{12}H_{28}O_4P_2S_3$	0,0,0,0-Tetraisopropyl trithiopyrophosphate	740-1500	L	Band assign	McIvor	CJC	37 (1959)	869
$C_{12}H_{28}O_4Si$	Silicon isopropoxide	-	-	Spec assign.	Kriegsmann	ZE	62 (1958)	1163
$C_{12}H_{28}O_4Si$	Silicon propoxide	-	-	Spec assign	Kriegsmann	ZE	62 (1958)	1163
$C_{12}H_{28}O_6P_2S$	Tetraisopropyl monothionopyrophosphate	600-900	S	Band assign	McIvor	CJC	37 (1959)	869
$C_{12}H_{28}O_7P_2$	Tetra-isopropyl pyrophosphate	-	Sol	Group freq	Bergmann	JCS	- (1952)	847
$C_{12}H_{28}O_7P_2$	Tetra-n-propyl prophosphate	-	Sol	Group freq	Bergmann	JCS	- (1952)	847

$C_{12}H_{28}Si$	Di-n-hexylsilane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{12}H_{28}Si$	n-Dodecylsilane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{12}H_{28}Si$	Tetra-n-propylsilane	-	-	Band freq	George	JACS	77 (1955)	1677
$C_{12}H_{28}Si$	Tri-n-butylsilane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{12}H_{30}Cl_3N_6P_3$	Diethylamino derivative of trimeric phosphoro-nitrilic chloride	1150-1350	-	Freq shift, Struct	Shaw	CIL	- (1959)	54
$C_{12}H_{30}NO_3PS$	Triethylammonium-di-n-propyl phosphorothioate	740-1500	Sol	Assign	McIvor	CJC	37 (1959)	869
$C_{12}H_{30}N_3P_3$	Ethyl phsophonitrilate trimer	2-21μ	L	Spec	Daasch	AC	23 (1951)	853
$C_{12}H_{30}N_3B_3$	Hexaethylborazole	-	Sol	Struct	Watanabe	SA	16 (1960)	78
$C_{12}H_{30}OSi_2$	Hexaethyldisiloxane	650-1375	L	Spec	Simon	JCP	20 (1952)	905
$C_{12}H_{30}O_3Si_3$	Hexaethylcyclo-trisiloxane	2-16μ	Sol	Spec	Young	JACS	70 (1948)	3758
$C_{12}H_{30}O_7Si_2$	Hexaethoxydisiloxane	600-3500	L	Spec	Okawara	BCSJ	31 (1958)	154
$C_{12}H_{30}Si_2$	1,6-bis-(Trimethylsilyl) hexane	837-2920	Sol	Table, I	West	JOC	18 (1953)	1739
$C_{12}H_{32}O_8Si_4$	Tetramethyltetraethoxy-cyclotetrasiloxane	600-3500	L	Spec	Oakawara	BCSJ	31 (1958)	154
$C_{12}H_{34}O_5Si_4$	Diethoxyoctamethyl-tetrasiloxane	600-3500	L	Spec	Okawara	BCSJ	31 (1958)	154
$C_{12}H_{35}NO_2Si_4$	bis-Hexamethyldisiloxanyl-amine	2-15μ	-	Spec	George	JACS	77 (1955)	3493

$C_{12}H_{36}N_6O_7P_4$	Dodecamethyl tetra-phosphoramide (Linear)	-	-	Ident, Band freq	Tolkmith	JACS	75	(1953)	5270
$C_{12}H_{36}N_6O_7P_4$	Dodecamethyl tetra-phosphoramide (pyramidal)	-	-	Ident, Band freq	Tolkmith	JACS	75	(1953)	5270
$C_{12}H_{36}N_9P_3$	Dimethylamino derivative of trimeric phospho-nitrilic acid	2150-1350	-	Freq shift, Struct	Shaw	CIL	-	(1959)	54
$C_{12}H_{36}O_4Si_5$	3,3-Di-(trimethylsiloxy)-hexamethyltrisiloxane	2.5-14 μ	Sol	Spec	Wright	JACS	69	(1947)	803
$C_{12}H_{36}O_4Si_5$	Dodecamethylpentasiloxane	2.5-14 μ	Sol	Spec	Wright	JACS	69	(1947)	803
		500-1700	L	Spec, Table, Assign	Richards	JCS	-	(1949)	124
		2-15	-	Thermo	Thompson	JCS	-	(1953)	1908
		-	-	Spec	Kriegsmann	ZE	64	(1960)	541
$C_{12}H_{36}O_4Si_5$	Tetratrimethylsiloxy-silane	-	-	Spec, Assign	Kriegsmann	ZE	62	(1958)	1163
$C_{12}H_{36}O_6Si_5$	Dimethoxydecamethyl-pentasiloxane	700-3500	L	Spec, Struct	Tanaka	BCSJ	31	(1958)	762
$C_{12}H_{36}O_6Si_6$	Dodecamethylcyclohexa-siloxane	2.5-14 μ	Sol	Spec	Wright	JACS	69	(1947)	803
		500-1700	L	Spec, Table, Group assign	Richards	JCS	-	(1949)	124
		-	Sol	Assign	Kriegsmann	ZAUA	298	(1958)	232
$C_{12}H_{36}O_{11}Si_5$	Pentamethylheptamethoxy-pentasiloxane	700-3500	L	Struct	Tanaka	BCSJ	31	(1958)	762
		-	-	Assign, Thermo	Katon	DA	20	(1959)	523
$C_{12}D_{10}$	Biphenyl-D_{10}	300-400	Sol	Spec, Assign, Config, Thermo	Katon	SA	15	(1959)	627
		700-3000	-	Freq	Peregudov	CS	9	(1960)	295

C_{13} COMPOUNDS

$C_{13}H_2Cl_{10}N_2O$	2,2',2',5,5',6,6',N,N'-Decachlorocarbanilide	-	-	H bond	Kutepov	ZOK	30 (1960) 3448
$C_{13}H_3F_5N_2O_6$	Pentafluorodinitrobenzoyl phenoxide	900-1500	S	Stretch freq	Birchall	JCS	- (1959) 13
$C_{12}H_4Cl_2F_6N_2O$	2,2',4,4',5,5'-Hexafluoro-N,N'-dichlorocarbanilide	-	-	H bond	Kutepov	ZOK	30 (1960) 3448
$C_{13}H_4Cl_8N_2O$	2,2',2',3',5,5'6,6'-Octachlorocarbanilide	-	-	H bond	Kutepov	ZOK	30 (1960) 3448
$C_{13}H_4Cl_8N_2O$	2,2',4,4',5,5',N,N'-Octachlorocarbanilide	-	-	H bond	Kutepov	ZOK	30 (1960) 3448
$C_{13}H_4Cl_8N_2O$	2,2',4,4',6,6',N,N'-Octachlorocarbanilide	-	-	H bond	Kutepov	ZOK	30 (1960) 3448
$C_{13}H_4F_{20}O_4$	bis-2,2,3,3,4,4,4-Heptafluorobutyl hexafluoroglutarate	-	L	Group freq	Rappaport	JACS	75 (1953) 2695
$C_{13}H_4F_{20}O_4$	2,2,3,3,4,4-Hexafluoro-1,5-pentanediol bis-heptafluorobutyrate	-	L	Band freq	Rappaport	JACS	75 (1953) 2695
$C_{13}H_5Cl_7N_2O$	2,2'4,4',6,N,N'-Heptachlorocarbanilide	-	-	H bond	Kutepov	ZOK	30 (1960) 3448
$C_{13}H_5F_5O_2$	Pentafluorobenzoyl phenoxide	900-1550	S	Stretch freq	Birchall	JCS	- (1959) 13
$C_{13}H_6Cl_2O$	1,3-Dichlorofluorenone	1600-1800	Sol	Band freq	Josien	JCP	21 (1953) 331

$C_{13}H_6Cl_6N_2O$	2,2',4,4',5,5'-Hexachlorocarbanilide	-	-	H bond	Kutepov	ZOK	30	(1960) 3448
$C_{13}H_6Cl_6N_2O$	2,2',4,4',6,6'-Hexachlorocarbanilide	-	-	H bond	Kutepov	ZOK	30	(1960) 3448
$C_{13}H_6Cl_6N_2O$	2,2',4,4',N,N'-Hexachloro carbanilide	-	-	H bond	Kutepov	ZOK	30	(1960) 3448
$C_{13}H_6Cl_6N_2O$	2,2',6,6',N,N'-Hexachlorocarbanilide	-	-	H bond	Kutepov	ZOK	30	(1960) 3448
$C_{13}H_6O_4S$	Thiophanthraquinone-5-carboxylic acid	3-15μ	S	Spec	Weinmayr	JACS	74	(1952) 4361
$C_{13}H_6O_4S$	Thiophanthraquinone-8-carboxylic acid	3-15μ	S	Spec	Weinmayr	JACS	74	(1952) 4361
$C_{13}H_7BrO$	1-Bromofluoroenone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953) 331
$C_{13}H_7BrO_3$	2-Bromo-4-dibenzofurancarboxylic acid	-	-	Spec	Oita	JOC	20	(1955) 657
$C_{13}H_7BrO_3$	2-Bromo-6-dibenzofurancarboxylic acid	-	-	Spec	Oita	JOC	20	(1955) 657
$C_{13}H_7Br_2N$	3,7-Dibromoacridine	-	-	Ident	Acheson	JCS	-	(1954) 4142
$C_{13}H_7ClO_3$	2-Chloro-4-dibenzofurancarboxylic acid	-	-	Spec	Oita	JOC	20	(1955) 657
$C_{13}H_7Cl_3OS$	Phenylthio 2,3,6-trichlorobenzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15	(1959) 514
$C_{13}H_7Cl_5N_2O$	2,2',4,4',6-Pentachlorocarbanilide	-	-	H bond	Kutepov	ZOK	30	(1960) 3448
$C_{13}H_7F_3N_2O_4$	4,4'-Dinitro-3-trifluoromethyldiphenyl	700-1800	L,S	Stretch freq, I	Randle	JCS	-	(1952) 4153
		-	-	Bond study	Randle	JCS	-	(1955) 1311

$C_{13}H_8DNO_2$	9-Aci-nitrofluorene-9-d_1	650-5000	S	Spec	Freeman	JOC	21 (1956)	472
$C_{13}H_8D_2$	Fluorene-9,9-d_2	700-1400	Sol	Spec	Scherf	CJC	38 (1960)	697
$C_{13}H_8Br_2O$	3,3'-Dibromobenzophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{13}H_8Br_2O$	p,p'-Dibromodiphenyl ketone	6-12 μ	S	Spec	Sutherland	N	160 (1947)	567
$C_{13}H_8ClN$	p-Chlorophenylethynyl-pyridine	700-1700	Sol	Freq assign, Substitution effect	Katritzky	JCS	- (1959)	2051
$C_{13}H_8ClNO$	p-Chlorophenylethynyl-pyridine-1-oxide	700-1700	Sol	Substitution effect	Katritzky	JCS	- (1959)	2051
$C_{13}H_8Cl_2O$	4,4'-Dichlorobenzophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
		-	Sol	Group freq	Pickard	JACS	76 (1954)	5169
$C_{13}H_8Cl_4N_2O$	2,2',4,4'-Tetrachloro-carbanilide	-	-	H bond	Kutepov	ZOK	30 (1960)	3448
$C_{13}H_8Cl_4N_2O$	2,4,4',6-Tetrachloro-carbanilide	-	-	H bond	Kutepov	ZOK	30 (1960)	3448
$C_{13}H_8Cl_4O_2$	Tetrachlorohydroquinone benzyl ether	-	-	Band freq	Hammond	JACS	77 (1955)	3248
$C_{13}H_8F_3NO_2$	2-Nitro-3'-trifluoro-methyldiphenyl	700-1800	L,S	Stretch freq, I	Randle	JCS	- (1952)	4153
		-	-	Bond study	Randle	JCS	- (1955)	1311
$C_{13}H_8F_3NO_2$	4-Nitro-3-trifluoro-methyldiphenyl	700-1800	L,S	Stretch freq, I	Randle	JCS	- (1952)	4153
		-	-	Bond study	Randle	JCS	- (1955)	1311
$C_{13}H_8F_3NO_2$	4-Nitro-3'-trifluoro-methyldiphenyl	700-1800	L,S	Stretch freq, I	Randle	JCS	- (1952)	4153
		-	-	Bond study	Randle	JCS	- (1955)	1311
$C_{13}H_8F_3NS$	2-Trifluoromethylpheno-thiazine	2-22 μ	S	Spec, Struct	Smith	JOC	15 (1950)	1125

$C_{13}H_8N_2O$	1,7-Phenanthroline-8-carboxaldehyde	-	-	Group freq	Eifert	JACS	77 (1955)	1818
$C_{13}H_8N_2O$	4,7-Phenanthroline-1-carboxaldehyde	-	-	Group freq	Eifert	JACS	77 (1955)	1818
$C_{13}H_8N_2O_2$	p-Nitrophenylethynyl-pyridine	700-1700	Sol	Substitution effect	Katritzky	JCS	- (1959)	2051
$C_{13}H_8N_2O_3$	p-Nitrophenylethynyl-pyridine-1-oxide	700-1700	Sol	Substitution effect	Katritzky	JCS	- (1959)	2051
$C_{13}H_8N_2O_5$	3,4'-Dinitrobenzophenone	-	S	Group freq	Hunsberger	JOC	20 (1955)	70
$C_{13}H_8O$	Fluorenone	- 1600-1800	- Sol	H bond, Ident Group freq	Detar Josien	JACS JCP	75 (1953) 21 (1953)	5117 331
$C_{13}H_8O$	Perinaphthenone-7	1100-1800 1600-1800	S Sol	Spec, Group freq Group freq	Cromwell Josien	JACS JCP	75 (1953) 21 (1953)	872 331
$C_{13}H_8OS$	Thioxanthone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{13}H_8OS$	Xanthione	-	Sol	Group freq	Bergmann	JACS	77 (1955)	1549
$C_{13}H_8O_2$	8,9-Epoxyperinaphthanone-7	1100-1800	S	Spec, Group freq	Cromwell	JACS	75 (1953)	872
$C_{13}H_8O_2$	3-(1-Naphthyl)-2-propynoic acid	4.2-4.8 μ 2-15 μ	Sol Sol	Absorption band Spec, Group freq	Ard Doukas	AC JOC	23 (1951) 19 (1954)	133 343
$C_{13}H_8O_2$	Xanthone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{13}H_8O_2S$	4-Dibenzothiophene-carboxylic acid	-	-	Ident	Gilman	JACS	74 (1952)	266
$C_{13}H_8O_3$	4-Dibenzofurancarboxylic acid	-	-	Ident	Oita	JOC	20 (1955)	657
$C_{13}H_8S_2$	Thioxanthione	-	Sol	Group freq	Bergmann	JACS	77 (1955)	1549

$C_{13}H_9D$	Fluorene-9-d_1	700-1400	Sol	Spec	Scherf	CJC	38 (1960)	697
$C_{13}H_9DN_2$	9-Aminoacridine-d_1	-	-	Spec	Sheinker	DANS	131 (1960)	1366
$C_{13}H_9BrO$	3-Bromobenzophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{13}H_9BrO$	4-Bromobenzophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
		-	Sol	Substitution effect	Thompson	SA	9 (1957)	208
$C_{13}H_9BrO$	7-Bromo-2-phenyltropone	2.5-1.5μ	Sol	Spec	Doering	JACS	75 (1953)	2387
$C_{13}H_9BrOS$	Phenylthio m-bromo-benzoate	2.5-16μ	Sol,	Freq, Struct	Nyquist	SA	15 (1959)	514
$C_{13}H_9BrOS$	Phenylthio o-bromo-benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_9BrOS$	Phenylthio p-bromo-benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_9Br_2NO$	N-Benzoyl-2,4-dibromo-aniline	-	-	Ident	Weisblat	JACS	75 (1953)	3630
$C_{13}H_9ClN_2O_3$	N-Benzoyl-2-chloro-4-nitroaniline	-	S	Group freq	Adams	JACS	76 (1954)	3584
$C_{13}H_9ClO$	4-Chlorobenzophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{13}H_9ClOS$	Phenylthio o-chloro-benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_9ClOS$	Phenylthio p-chloro-benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_9Cl_2N$	bis-(p-Chlorophenyl) ketimine	-	-	Group freq	Pickard	JACS	76 (1954)	5169
$C_{13}H_9FOS$	Phenylthio o-fluoro-benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514

$C_{13}H_9F_3$	p-Phenylbenzo trifluoride	-	-	Ident	Dannley	JACS	76 (1954)	4543
$C_{13}H_9IOS$	Phenylthio m-iodobenzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_9IOS$	Phenylthio o-iodobenzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_9IOS$	Phenylthio p-iodobenzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_9N$	Acridine	660-2040	Sol	Spec	Cannon	SA	4 (1951)	373
		-	L	Spec	Perkampus	ZE	64 (1960)	951
$C_{13}H_9N$	1-Azabenz(b)azulene	6-9 μ	Sol	Freq	Anderson	JACS	74 (1952)	3455
		-	-	Spec	Muth	JACS	77 (1955)	1006
$C_{13}H_9N$	3,4-Benzquinoline	-	L	Spec	Perkampus	ZE	64 (1960)	951
$C_{13}H_9N$	5,6-Benzquinoline	-	L	Spec	Perkampus	ZE	64 (1960)	951
$C_{13}H_9N$	7,8-Benzquinoline	-	L	Spec	Perkampus	ZE	64 (1960)	951
$C_{13}H_9N$	m-Biphenylcarbonitrile	-	L	Anal, Iso	Dannley	JACS	76 (1954)	2997
$C_{13}H_9N$	o-Biphenylcarbonitrile	-	L	Anal, Iso	Dannley	JACS	76 (1954)	2997
$C_{13}H_9N$	p-Biphenylcarbonitrile	-	L	Anal, Iso	Dannley	JACS	76 (1954)	2997
$C_{13}H_9N$	9-Fluorenimine	6200-6500	Sol	Spec, Group anal	Wulf	JACS	57 (1935)	1464
$C_{13}H_9N$	β-(2-Pyridyl)phenyl-acetylene	4000-600	Sol	Group freq	Katritzky	JCS	- (1958)	4155
$C_{13}H_9N$	β-(4-Pyridyl)phenyl-acetylene	4000-600	Sol	Group freq	Katritzky	JCS	- (1958)	4155
$C_{13}H_9NO$	Acridone	6.11-7.95 μ	S	Table	Acheson	JCS	- (1954)	3742
$C_{13}H_9NO$	p-Biphenylyl isocyanate	-	Sol	Freq	Caldow	SA	13 (1958)	212

$C_{13}H_9NO$	1-Hydroxyacridine	-	S	Spec, Assign, Taut	Mason	JCS	-	(1957)	4874
$C_{13}H_9NO$	3-Hydroxyacridine	-	-	Spec, Assign, Taut	Mason	JCS	-	(1957)	4874
$C_{13}H_9NO$	4-Hydroxyacridine	3650-1400	Sol	Spec, Assign, Taut	Mason	JCS	-	(1957)	4874
$C_{13}H_9NO$	2-Hydroxyphenanthridine	-	S,Sol	Freq, Taut	Mason	JCS	-	(1957)	4874
$C_{13}H_9NO$	6-Hydroxyphenanthridine	1400-3650	S	Spec assign	Mason	JCS	-	(1957)	4874
$C_{13}H_9NO$	7-Hydroxyphenanthridine	-	S,Sol	Freq, Taut	Mason	JCS	-	(1957)	4874
$C_{13}H_9NO$	9-Hydroxyphenanthridine	-	S,Sol	Freq, Taut	Mason	JCS	-	(1957)	4874
$C_{13}H_9NO$	p-Phenylbenzonitrile-N-oxide	600-3000	Sol	Spec	Wiley	JOC	25	(1960)	546
$C_{13}H_9NO$	2-Phenylbenzoxazole	-	Sol	Spec, Band freq	Witkop	JACS	74	(1952)	3861
$C_{13}H_9NO$	4-Phenylethynylpyridine-1-oxide	600-3000 4000-600	Sol Sol	Substitution effect Group freq	Katritzky Katritzky	JCS JCS	- -	(1958) (1958)	4155 2192
$C_{13}H_9NO_2$	9-Aci-nitrofluorene	650-5000	S	Spec	Freeman	JOC	21	(1956)	472
$C_{13}H_9NO_2$	2-(o-Hydroxyphenyl) benzoxazole	3-13μ	S	Band study	Harkins	AC	27	(1955)	318
$C_{13}H_9NO_2$	[5,6-4,5]2-Methyloxazolo--7H-cycloheptabenzene-7-one	700-1150	S	Spec, Band freq	Nicholls	JACS	74	(1952)	4935
$C_{13}H_9NO_3$	1,2-Dihydroxy-3-aceto-4-cyanonaphthalene	-	Sol	H bond, Struct	Awad	JACS	80	(1958)	6057
$C_{13}H_9NO_3$	3-Hydroxycarbazole-2-carboxylic acid	400-4000	S,L	Group freq, Table, Association	Flett	JCS	-	(1951)	962
$C_{13}H_9NO_3$	3-(1'-Naphthyl)oxazolid--2,4-dione	650-4000	Sol	Spec	Pianka	JCS	-	(1960)	983

$C_{13}H_9NO_3$	3-(2'-Naphthyl)oxazolid-2,4-dione	650-4000	Sol	Spec	Pianka	JCS	-	(1960)	983
$C_{13}H_9NO_3$	m-Nitrobenzophenone	-	Sol	Substitution effect	Thompson	SA	9	(1957)	208
$C_{13}H_9NO_3$	p-Nitrobenzophenone	-	Sol	Band freq, Anal	Newman	JACS	75	(1953)	2322
$C_{13}H_9NO_3S$	Phenylthio m-nitro-benzoate	2.5-15μ	Sol	Struct, Freq	Nyquist	SA	15	(1959)	514
$C_{13}H_9NO_3S$	Phenylthio p-nitroben-zoate	2.5-15μ	Sol	Struct, Freq	Nyquist	SA	15	(1959)	514
$C_{13}H_9NS$	p-Diphenyl isothiocyanate	600-4000	S,Sol	Spec	Ham	SA	16	(1960)	279
$C_{13}H_9N_3$	1-Methyl-4-(α, α-dicyano-methylene)-1,4-dihydro-quinoline	1600-2200	-	Band freq	Leonard	JACS	74	(1952)	2110
$C_{13}H_9N_3O_6$	N-2,4-Dinitrophenyl-anthranilic acid	1300-3400	S,Sol	Spec, Struct	Isherwood	N	175	(1955)	419
$C_{13}H_9N_3O_7$	4,4'-Dinitrobenzhydryl nitrate	-	S	Band study	Hunsberger	JOC	20	(1955)	70
$C_{13}H_{10}$	Fluorene	3.1-3.7μ	Sol	Spec	Fox	PRS	167	(1938)	257
		700-1500	Sol	Spec, Assign	Richards	JCS	-	(1947)	1260
		1700-700	L,Sol	Spec	Richards	PRS	195	(1948)	1
		660-2040	S,Sol	Spec	Cannon	SA	4	(1951)	373
		700-1400	Sol	Spec	Scherf	CJC	38	(1960)	697
$C_{13}H_{10}$	3-(1-Naphthyl)-1-propyne	2-15μ	L	Spec, Group freq	Doukas	JOC	19	(1954)	343
$C_{13}H_{10}BrClN_2O$	cis-(3-Bromo-4-Chloro-benzylazoxy)benzene	-	S	Group study	Brough	JCS	-	(1954)	4069
$C_{13}H_{10}BrClN_2O$	trans-(3-Bromo-4-chloro-benzylazoxy)benzene	-	S	Group study	Brough	JCS	-	(1954)	4069

$C_{13}H_{10}BrClN_2O$	trans-p-Bromo-(4-chloro-benzylazoxy)benzene	-	S	Group study	Brough	JCS	-	(1954)	4069
$C_{13}H_{10}BrClN_2O$	trans-ω-(p-Bromophenyl-azoxy)-p-chlorotoluene	-	S	Group study	Brough	JCS	-	(1954)	4069
$C_{13}H_{10}BrNO$	N-Benzoyl-p-bromoaniline	-	-	Ident	Weisblat	JACS	75	(1953)	3630
$C_{13}H_{10}BrNO$	2-p-Bromophenacylpyridine	-	S,Sol	Freq	Branch	N	177	(1956)	671
$C_{13}H_{10}BrNO_2$	2-Methyl-6-nitro-2'-bromo-biphenyl	-	Sol	Ident	Detar	JACS	77	(1955)	4393
$C_{13}H_{10}Br_2O_4$	2,3-Dibromo-1,2,3,4-tetra-hydro-5,8-dimethoxy-2,3-methylene-1,4-dioxonaph-thalene	-	-	Band freq	Sorrie	JCS	-	(1955)	2238
$C_{13}H_{10}ClN$	p-Chlorostyrylpyridine	700-1700	Sol	Substitution effect	Katritzky	JCS	-	(1959)	2051
$C_{13}H_{10}ClNO$	Benz-p-chloroanilide	-	-	Band freq	Flett	JCS	-	(1948)	1441
$C_{13}H_{10}ClNO$	p-Chlorobenzanilide	-	-	Band freq	Flett	JCS	-	(1948)	1441
$C_{13}H_{10}ClNO$	o-4-Chlorobenzylidene-aminophenol	3300-3400	Sol	Substitution effect	Badger	JCS	-	(1958)	3437
$C_{13}H_{10}ClNO$	2-p-Chlorophenacyl-pyridine	-	S,Sol	Freq	Branch	N	177	(1956)	671
$C_{13}H_{10}Cl_2N_2O$	N'-Benzoyl-3,5-dichloro-p-phenylenediamine	-	S	Group freq	Adams	JACS	76	(1954)	3584
$C_{13}H_{10}Cl_2N_2O$	N,N'-Dichlorocarbanilide	-	-	H bond	Kutepov	ZOK	30	(1960)	3448
$C_{13}H_{10}Cl_2O$	2a-Dichloromethyl-5-keto-2a,5-dihydroacenaphthene	-	-	Band study	Fuson	JOC	17	(1952)	316
$C_{13}H_{10}FNO$	2-p-Fluorophenacylpyridine	-	S,Sol	Freq	Branch	N	177	(1956)	671

$C_{13}H_{10}F_3N$	4-Amino-3-trifluoromethyl-diphenyl	-	-	Struct	Randle	JCS	-	(1955)	1311
$C_{13}H_{10}F_{14}O_2S_2$	Pentamethylenedithiol bis-(n-heptafluorobutyrate)	2-16 μ	L	Spec, Band freq	Hauptschein	JACS	74	(1952)	4005
$C_{13}H_{10}F_{14}O_4$	1,5-Pentanediol-bis-heptafluorobutyrate	-	L	Group freq	Rappaport	JACS	75	(1953)	2695
$C_{13}H_{10}I_2O_2$	Benzophenone iodine complex	-	Sol	Carbonyl band in free and complex molecule	Gluskar	JCS	-	(1955)	471
$C_{13}H_{10}N_2$	3-Phenylimidazo-(1,2-a) pyridine	-	Sol	Ident	Djerassi	JACS	76	(1954)	4470
$C_{13}H_{10}N_2$	1-Aminoacridine	-	Sol	Stretch freq, H bond, FC	Short	JCS	-	(1952)	4584
		3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	2-Aminoacridine	-	Sol	Stretch freq, H bond, FC	Short	JCS	-	(1952)	4584
		3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	3-Aminoacridine	-	Sol	Stretch freq, H bond, FC	Shoft	JCS	-	(1952)	4584
		3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	4-Aminoacridine	-	Sol	Stretch freq, H bond, FC	Short	JCS	-	(1952)	4584
		3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	5-Aminoacridine	-	Sol	Stretch freq, H bond, FC	Short	JCS	-	(1952)	4584
		3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	9-Aminoacridine	-	Sol	Struct	Karyakin	DANS	116	(1957)	969
		-	-	Spec, Struct	Sheinker	DANS	131	(1960)	1366

$C_{13}H_{10}N_2$	1'-Amino-7,8-Benzoquinoline	3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	3-Amino-6,7-benzoquinoline	3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	4-Amino-6,7-benzoquinoline	3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	4-Amino-7,8-benzoquinoline	3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	4'-Amino-5,6-benzoquinoline	3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	6-Amino-7,8-benzoquinoline	3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	6-Aminophenanthridine	3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2$	9-Aminophenanthridine	3 μ	Sol	Freq, Struct, I	Mason	JCS	-	(1959)	1281
$C_{13}H_{10}N_2O \cdot H_2O$	4-Hydroxy-2-methyl-1,10-phenanthroline	-	S,Sol	Spec, Assign, Taut	Mason	JCS	-	(1957)	4874
$C_{13}H_{10}N_2O_2$	m-Carboxyazobenzene	-	S	Freq	Lefevre	AJC	10	(1957)	26
$C_{13}H_{10}N_2O_2$	p-Carboxyazobenzene	-	S	Freq	Lefevre	AJC	10	(1957)	26
$C_{13}H_{10}N_2O_2$	p-Nitroanilbenzaldehyde	1300-1600	S,Sol	Struct	Kross	JACS	78	(1956)	4225
$C_{13}H_{10}N_2O_2$	N-(2'-Nitro)benzylidine-aniline	-	Sol	Freq	Clougherty	JOC	22	(1957)	462
$C_{13}H_{10}N_2O_2$	p-Nitrostyrylpyridine	700-1700	Sol	Substitution effect	Katritzky	JCS	-	(1959)	2051
$C_{13}H_{10}N_2O_3$	o-2-Nitrobenzylidene-aminophenol	3300-3400	Sol	Freq, I, H bond	Badger	JCS	-	(1958)	3437

$C_{13}H_{10}N_2O_3$	o-3-Nitrobenzylidene-aminophenol	3300-3400	Sol	Freq, H bond, I	Bandger	JCS	-	(1958)	3437
$C_{13}H_{10}N_2O_3$	o-4-Nitrobenzylidene-aminophenol	3300-3400	Sol	Freq, H bond, I	Badger	JCS	-	(1958)	3437
$C_{13}H_{10}N_2O_3$	4-Nitrosalicylidene-aniline	-	Sol	H bond, Stretch freq	Reeves	CJC	38	(1960)	1249
$C_{13}H_{10}N_2O_3$	p-Nitrostyrylpyridine-1-oxide	700-1700	Sol	Substitution effect	Katritzky	JCS	-	(1959)	2051
$C_{13}H_{10}N_2O_7S$	2,4-Dinitrophenyl p-toluenesulfonate	800-1620	S	Band freq	Tipson	JACS	74	(1952)	1354
$C_{13}H_{10}N_4O_4$	Benzaldehyde-2,4-dinitro-phenylhydrazone	6-15 μ	S	Spec, Table	Ross	AC	25	(1953)	1303
		2-15 μ	S	Spec, Ident	Jones	AC	28	(1956)	191
$C_{13}H_{10}N_4O_5$	3-(2-Furyl)acrylaldehyde 2,4-dinitrophenyl-hydrazone	2-15 μ	S	Spec, Ident	Jones	AC	28	(1956)	191
$C_{13}H_{10}N_4O_5$	o-Hydroxybenzaldehyde 2,4-dinitrophenyl-hydrazone	2-15 μ	S	Spec, Ident	Jones	AC	28	(1956)	191
$C_{13}H_{10}O$	Benzophenone	7-2.5 μ	Sol	Band study	Ellis	JACS	51	(1929)	1384
		3-10 μ	-	Spec	Taschek	JCP	7	(1939)	11
		1050-1800	-	Absorption freq, Spec	Barnes	IEC	15	(1943)	659
		500-1750	S	Assign	Thompson	JCS	-	(1945)	640
		1800-1650	Sol	Ext coeff	Cross	TFS	47	(1951)	354
		1659-1668	Sol	Group freq, I	Barrow	JCP	21	(1953)	2008
		-	-	Ident	Detar	JACS	75	(1953)	5117
		1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
		-	Sol	Anal	Newman	JACS	75	(1953)	2322
		1600-1800	Sol	Band study	Fuson	JACS	76	(1954)	2526
		-	Sol	Solvent effect, I	Hirota	BCSJ	27	(1954)	295
		650-1740	Sol	Freq, Shift, IR	Bellamy	JCS	-	(1955)	4221

		3000-3800	Sol	Spec, H bond	Boealey	JACS	77	(1955)	4462
		-	-	Ident	Entel	JACS	77	(1955)	611
		-	-	Dielectric constant	Krishna	TFS	53	(1957)	767
		-	-	Freq	Rao	CS	26	(1957)	375
		-	Sol	Substitution effect	Thompson	SA	9	(1957)	208
		1760-1560	Sol	Freq, I, Solvent effect	Archibald	SA	12	(1958)	34
		-	Sol	Freq, I	Thompson	SA	13	(1958)	236
		1650-1850	Sol,G, L	Solvent effect	Bellamy	TFS	55	(1959)	14
		-	Sol	Solvent effect	Ito	JCP	31	(1959)	1694
		-	Sol	Freq, I	Mirone	ANCR	49	(1959)	52
		-	Sol	Freq	Brook	JACS	82	(1960)	5102
$C_{13}H_{10}OS$	Phenylthiobenzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15	(1959)	514
$C_{13}H_{10}O_2$	Acenaphthene-3-carboxylic acid	700-4000	S,L	Table, Group freq	Flett	JCS	-	(1951)	962
$C_{13}H_{10}O_2$	2-Biphenylcarboxylic acid	5.5-6.5μ	Sol	Substitution effect, Ident	Sawicki	AC	31	(1959)	523
$C_{13}H_{10}O_2$	p-Hydroxybenzophenone	-	-	Review paper	Wasserman	JACS	77	(1955)	973
$C_{13}H_{10}O_2$	Isomycomycin	2200-1700	Sol	Band freq	Celmer	JACS	74	(1952)	3838
		2-16μ	Sol	Spec	Celmer	JACS	74	(1952)	1870
$C_{13}H_{10}O_2$	Mycomycin	3200-1700	Sol	Band freq	Celmer	JACS	74	(1952)	1870
		2-16μ	Sol	Band freq	Celmer	JACS	74	(1952)	2245
		-	-	Group freq	Orosknik	JACS	75	(1953)	1050
$C_{13}H_{10}O_2$	Phenyl benzoate	1700-1800	Sol	Stretch freq	Short	JCS	-	(1952)	206
		-	Sol	IR carbonyl freq	Exner	CIL	-	(1958)	1174
		-	Sol	Freq, I	Thompson	SA	13	(1958)	236
		-	Sol	Freq	Horak	TEL	-	(1959)	19
$C_{13}H_{10}O_2$	p-Phenylbenzoic acid	-	-	Ident	Hammond	JACS	76	(1954)	4081
$C_{13}H_{10}O_2$	α-Phenyltropolone	2.5-15μ	Sol	Spec	Doering	JACS	75	(1953)	2387

$C_{13}H_{10}O_2$	β-Phenyltropolone	2-16μ	Sol	Spec	Doering	JACS	75 (1953)	297
$C_{13}H_{10}O_2$	γ-Phenyltropolone	2-16μ	Sol	Spec	Doering	JACS	75 (1953)	297
$C_{13}H_{10}O_2$	Toluquinone	-	-	Substitution effect	Flagg	NWS	43 (1956)	467
$C_{13}H_{10}O_2S$	Thiaxanthene-9,9-dioxide	-	Sol	Group freq	Waight	JCS	- (1952)	2440
$C_{13}H_{10}O_2S$	Phenylthio salicylate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_{10}O_2S_2$	α-Naphthylcarboxymethyl-dithio acetate	400-4000	S	Spec, Freq	Bak	ACS	12 (1958)	1451
$C_{13}H_{10}O_2S_2$	β-Naphthylcarboxymethyl-dithio acetate	400-4000	S	Spec, Freq	Bak	ACS	12 (1958)	1451
$C_{13}H_{10}O_3$	4-Benzoylcatechol	3μ	Sol	Stretch freq, Hammett const	Ingraham	JACS	74 (1952)	2297
$C_{13}H_{10}O_3$	Cinnamenylitaconic anhydride	-	S	Group freq	Walker	JACS	76 (1954)	6205
$C_{13}H_{10}O_3$	2,2'-Dihydroxybenzophenone	-	-	H bond	Pinchas	AC	29 (1957)	334
$C_{13}H_{10}O_3$	Diphenyl carbonate	1-12μ	L	Spec, Group assign	Bell	JACS	50 (1928)	2940
		-	Sol	Struct, Dissociation	Hales	JCS	- (1957)	618
		700-4000	S	Freq, Assign	Catehouse	JCS	- (1958)	3137
		-	Sol	Freq, I	Thompson	SA	13 (1958)	236
$C_{13}H_{10}O_3$	Phenyl salicylate	-	Sol	H bond	Hilbert	JACS	58 (1936)	548
		2.6-3.2μ	Sol	Spec, H bond	Gordy	JCP	7 (1939)	167
		-	-	Ident	Detar	JACS	77 (1955)	4411
$C_{13}H_{10}O_4$	5,6-Dihydro-2-hydroxy-3-carboxy-1-naphthalene-acetic acid lactone	-	-	Group study	Tarbell	JACS	76 (1954)	5761
$C_{13}H_{10}O_4$	2-Hydroxy-2'-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951)	1318

$C_{13}H_{10}O_4$	2-Hydroxy-3-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	2-Hydroxy-3'-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	2-Hydroxy-4-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	2-Hydroxy-4'-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	2-Hydroxy-5-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	2-Hydroxy-6-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	3-Hydroxy-2-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	3-Hydroxy-2'-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	3-Hydroxy-3'-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	3-Hydroxy-4-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	3-Hydroxy-4'-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	3-Hydroxy-5-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318
$C_{13}H_{10}O_4$	3-Hydroxy-6-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951) 1318

$C_{13}H_{10}O_4$	4-Hydroxy-2-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951)	1318
$C_{13}H_{10}O_4$	4-Hydroxy-2'-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951)	1318
$C_{13}H_{10}O_4$	4-Hydroxy-3-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951)	1318
$C_{13}H_{10}O_4$	4-Hydroxy-3'-carboxy-phenoxybenzoic acid	-	Sol	Band & Group freq, Table	Ungnade	JOC	16 (1951)	1318
$C_{13}H_{10}O_4$	4-Hydroxy-4'-carboxy-phenoxybenzoic acid	-	Sol	Group & Band freq, Table	Ungnade	JOC	16 (1951)	1318
$C_{13}H_{10}O_4$	Visnagin	8-10μ	Sol	Spec	Williams	IL	3 (1952)	7
$C_{13}H_{11}Br$	Bromodiphenylmethane	-	Sol	Band freq	Pinchas	JCS	- (1954)	863
$C_{13}H_{11}BrO_3$	p-Bromophenacylpenta-3,4-dienoate	-	-	I, Band study	Jones	JCS	- (1954)	3201
$C_{13}H_{11}Br_2O_2S$	N-Tosyl-2,4-dibromo-aniline	-	-	Ident	Weisblat	JACS	75 (1953)	3630
$C_{13}H_{11}Cl$	cis-3-(1-Naphthyl)-1-chloro-1-propene	2-15μ	Sol	Spec	Wolfe	JACS	76 (1954)	627
$C_{13}H_{11}Cl$	trans-3(1-Naphthyl)-1-chloro-1-propene	2-15μ	Sol	Spec	Wolfe	JACS	76 (1954)	627
$C_{13}H_{11}ClN_2O$	N'-Benzoyl-2-chloro-p-phenylenediamine	-	S	Group freq	Adams	JACS	76 (1954)	3584
$C_{13}H_{11}ClN_2O$	cis-(4-chlorobenzylazoxy) benzene	-	S	Struct	Brough	JCS	- (1954)	4069
$C_{13}H_{11}ClN_2O$	trans-(4-chlorobenzylazoxy) benzene	-	S	Struct	Brough	JCS	- (1954)	4069

$C_{13}H_{11}ClN_2O$	trans-p-chloro-ω(phenyl-azoxy)toluene	-	S	Struct	Brough	JCS	-	(1954)	4069
$C_{13}H_{11}Cl_3NB$	4-Styrylpyridine boron trichloride complex	600-4000	Sol	Freq	Katritzky	JCS	-	(1958)	4155
$C_{13}H_{11}N$	2-Aminofluorene	3μ	Sol	Freq, FC	Elliot	JCS	-	(1959)	1275
$C_{13}H_{11}N$	N-Benzylidineaniline	-	Sol	Freq	Clougherty	JOC	22	(1957)	462
$C_{13}H_{11}N$	5,6-Dihydrophenan-thridine	600-4000	S	Spec, Band study	Heacock	CJC	34	(1956)	1782
$C_{13}H_{11}N$	Diphenyl ketimine	-	-	Group study	Pickard	JACS	76	(1954)	5169
$C_{13}H_{11}N$	9-Fluorylamine	6400-6800	Sol	Band study	Liddel	JACS	55	(1933)	3574
		6300-6800	Sol	Spec, Group anal	Wulf	JACS	57	(1935)	1464
$C_{13}H_{11}N$	3-Methyl-7,8-benzo-pyrrocoline	-	-	Ident	Boekelheide	JACS	75	(1953)	3679
$C_{13}H_{11}N$	1-Methylcarbazole	730-930	S	Spec, Quant anal	Richards	JCS	-	(1947)	978
		-	Sol	Band freq, Ext coeff, I	Russell	JCS	-	(1955)	483
$C_{13}H_{11}N$	2-Methylcarbazole	730-930	S	Spec, Quant anal	Richards	JCS	-	(1947)	978
$C_{13}H_{11}N$	3-Methylcarazole	730-930	S	Spec, Quant anal	Richards	JCS	-	(1947)	978
		-	Sol	Band freq, Ext coeff, I	Russell	JCS	-	(1955)	483
$C_{13}H_{11}N$	4-Methylcarbazole	730-930	S	Spec, Quant anal	Richards	JCS	-	(1947)	978
$C_{13}H_{11}N$	9-Methylcarbazole	-	-	Struct	Witkop	JACS	75	(1953)	2572
$C_{13}H_{11}N$	2-Styrylpyridine	4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{13}H_{11}N$	4-Styrylpyridine	4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155

$C_{13}H_{11}NO$	o-Aminobenzophenone	-	-	Band freq, Ident	Detar	JACS	75	(1953)	5117
$C_{13}H_{11}NO$	p-Aminobenzophenone	800-4000	S	Spec, Struct	Curtin	JACS	76	(1954)	494
		1600-1800	Sol	Group study	Fuson	JACS	76	(1954)	2526
$C_{13}H_{11}NO$	Benzanilide	1500-1700	S	Spec, Assign	Richards	JCS	-	(1947)	1248
		1658-3330	S	Group freq	Flett	JCS	-	(1948)	1441
		-	-	FC	Richards	TFS	44	(1948)	40
		-	-	Group freq, I	Hein	JACS	76	(1954)	2725
		3μ	Sol	Band study	Russell	SA	8	(1956)	138
		4000-420	-	Spec, Assign	Gray	DA	19	(1958)	454
		4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
		-	Sol	Assign, I, Struct	Katritzky	JCS	-	(1959)	2067
$C_{13}H_{11}NO$	Benzophenone oxime	2700-3900	Sol	Spec, H bond	Buswell	JACS	60	(1938)	2444
$C_{13}H_{11}NO$	4-Benzoylmethylpyridine	4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{13}H_{11}NO$	o-Benzylideneamino-phenol	-	Sol	Freq	Clougherty	JOC	22	(1957)	462
		3300-3400	Sol	Substitution effect	Badger	JCS	-	(1958)	3437
$C_{13}H_{11}NO$	p-Benzylideneamino-phenol	3300-3400	Sol	Substitution effect	Badger	JCS	-	(1958)	3437
$C_{13}H_{11}NO$	Diphenylformamide	2-15μ	Sol	Spec, Anal, Group freq	Pristera	AC	25	(1953)	844
$C_{13}H_{11}NO$	N-(4-hydroxy)benzylidine-aniline	-	Sol	Freq	Clougherty	JOC	22	(1957)	462
$C_{13}H_{11}NO$	3-Hydroxy-2-methyl-carbazole	-	-	Ident	Cummins	JCS	-	(1954)	1414
$C_{13}H_{11}NO$	N-Salicylideneaniline	-	Sol	Freq	Clougherty	JOC	22	(1957)	462
		3300-3400	Sol	Freq, H bond, I	Badger	JCS	-	(1958)	3437
$C_{13}H_{11}NO$	2-Styrylpyridine-N-oxide	4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{13}H_{11}NO$	4-Styrylpyridine-N-oxide	4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958)	2192

		600-3000	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{13}H_{11}NO$	1,2,3,4-Tetrahydro-4-oxo-5,6-benzoquinoline	-	-	Group freq, Ident	Braunholtz	JCS	-	(1954)	651
$C_{13}H_{11}NOS$	2-(o-Hydroxyphenyl)benzothiazoline	-	-	Band study, Struct	Charles	JOC	18	(1953)	422
$C_{13}H_{11}NOS \cdot HBr$	2-(2-Pyridylthio)acetophenone hydrobromide	-	Sol	Group freq	Djerassi	JACS	76	(1954)	4470
$C_{13}H_{11}NO_2$	2-Anilinobenzoic acid	700-4000	S,L, Sol	Table, Group freq	Flett	JCS	-	(1951)	962
$C_{13}H_{11}NO_2$	o-Benzoylaminophenol	-	-	Spec	Witkop	JACS	74	(1952)	3855
		-	-	Band freq	Witkop	JACS	74	(1952)	3861
$C_{13}H_{11}NO_2$	2p-Hydroxyphenacylpyridine	-	S,Sol	Freq	Branch	N	177	(1956)	671
$C_{13}H_{11}NO_2$	2-Methyl-6-nitrobiphenyl	-	-	Ident	Detar	JACS	77	(1955)	4393
$C_{13}H_{11}NO_2$	N-Phenylbenzohydroxamic acid	700-4000	S,Sol	Spec, H bond	Hadzi	SA	10	(1958)	38
$C_{13}H_{11}NO_2$	o-Salicylideneaminophenol	-	Sol	Freq	Clougherty	JOC	22	(1957)	462
		3300-3400	Sol	Substitution effect	Badger	JCS	-	(1958)	3437
$C_{13}H_{11}NO_2S$	p-Nitro-p'-methyldiphenyl sulfide	1300-1600	S,Sol	Struct	Kross	JACS	78	(1956)	4225
$C_{13}H_{11}NO_3$	Benzhydryl nitrate	-	-	Group study	Merrow	JACS	76	(1954)	4622
$C_{13}H_{11}NO_3S$	p-Formylphenyl phenyl sulfone oxime	-	S	Substitution effect	Momose	CPBT	6	(1958)	412
$C_{13}H_{11}NO_4$	N-Acetyl-2-carboxy-3-oxo-5-phenyl-2,3-dihydropyrrole	-	-	Freq	Tanner	SA	9	(1957)	282

$C_{13}H_{11}NO_7$	Tetrahydro-2-hydroxymethyl 1-(3,4-methylenedioxy-6-nitrophenyl)furan-3-carboxylic lactone	-	S	Group study	Haslam	JCS	-	(1955)	827
$C_{13}H_{11}NO_8S_2$	2-Amino-3-carboxyphenyl 2-hydroxy-4-sulfophenyl sulfone	700-4000	S,L	Table, Group freq	Flett	JCS	-	(1951)	962
$C_{13}H_{11}NS$	Thiobenzanilide	600-1700	S,Sol	Spec, Freq	Hadzi	JCS	-	(1957)	847
$C_{13}H_{11}N_2O_8P$	Methyl di-p-nitrophenyl-phosphate	-	-	Freq, assign	Ketelaar	RTC	78	(1959)	190
$C_{13}H_{11}N_5O_3S$	2-Thio-3-o-nitrophenyl-5-(5'-imidazolylmethyl) hydantoin	600-4000	S	Spec, Ident	Epp	AC	29	(1957)	1283
$C_{13}H_{12}$	Diphenylmethane	3.1-3.7μ	Sol	Spec	Fox	PRS	167	(1938)	257
		3.2-3.6μ	Sol	Bond study	Wall	JACS	61	(1939)	1053
		2.7-3.8μ	Sol	Spec, H bond	Wall	JACS	61	(1939)	2812
		-	-	FC	Linnett	TFS	41	(1945)	223
		700-1500	L	Spec, Assign	Richards	JCS	-	(1947)	1260
		-	-	Anal	Dannley	JACS	77	(1955)	1588
		-	Sol	Spec	Izrailevich	DANS	111	(1956)	617
		4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{13}H_{12}$	2-Methylbiphenyl	650-2030	L	Spec	Cannon	SA	4	(1951)	373
		-	-	Anal	Dannley	JACS	77	(1955)	1588
		-	-	Ident, Anal	Rondestvedt	JACS	77	(1955)	1769
$C_{13}H_{12}$	3-Methylbiphenyl	8000-9000	Sol	Anal	Hibbard	AC	21	(1949)	486
		640-2000	L	Spec	Cannon	SA	4	(1951)	373
		9.2-14.7μ	L,Sol	Spec, Ident	Adams	AC	25	(1953)	1073
		-	-	Anal	Dannley	JACS	77	(1955)	1588
		-	-	Anal	Rondestvedt	JACS	77	(1955)	1769
$C_{13}H_{12}$	4-Methylbiphenyl	660-2000	Sol	Spec	Cannon	SA	4	(1951)	373
		-	-	Anal	Dannley	JACS	77	(1955)	1588
		-	-	Anal	Rondestvedt	JACS	77	(1955)	1769

$C_{13}H_{12}$	1-Methyl-2-phenyl-benzene	15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959) 165
$C_{13}H_{12}$	1-Methyl-3-phenyl-benzene	15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959) 165
$C_{13}H_{12}$	6-Methyl-6-phenylfulvene	4000-660	Sol	Spec	Wood	AC	30 (1958) 1339
$C_{13}H_{12}BrN$	N-Benzyl-p-bromoaniline	3370-3470	Sol	Group study	Oki	BCSJ	33 (1960) 784
$C_{13}H_{12}ClN$	N-Benzyl-2-chloroaniline	3500-3200 3300-3500	Sol S,Sol	Substitution effect Stretch freq, Config	Moritz Moritz	SA SA	15 (1959) 242 16 (1960) 1176
$C_{13}H_{12}ClN$	N-m-chlorobenzylaniline	3370-3470	Sol	Group study	Oki	BCSJ	33 (1960) 784
$C_{13}H_{12}ClN$	N-Benzyl-4-chloroaniline	3500-3200 3300-3500	Sol S,Sol	Substitution effect Stretch freq, Config	Moritz Moritz	SA SA	15 (1959) 242 16 (1960) 1176
$C_{13}H_{12}ClN$	N-p-chlorobenzylaniline	3370-3470	Sol	Group study	Oki	BCSJ	33 (1960) 784
$C_{13}H_{12}ClNO$	N-2-Hydroxybenzyl-3-chloroaniline	3500-3200	Sol	Spec, Freq	Moritz	SA	15 (1959) 242
$C_{13}H_{12}ClNO$	N-2-Hydroxybenzyl-4-chloroaniline	3500-3200	Sol	Spec, Freq	Moritz	SA	15 (1959) 242
$C_{13}H_{12}ClNO_3S$	N-Benzenesulfonyl-2-chloro-6-methoxyaniline	-	-	Struct	Adams	JACS	75 (1953) 5901
$C_{13}H_{12}ClNO_3S$	N-Benzenesulfonyl-3-chloro-2-methoxyaniline	-	-	Struct	Adams	JACS	75 (1953) 5901
$C_{13}H_{12}ClNO_3S$	N-Benzenesulfonyl-5-chloro-2-methoxyaniline	-	-	Struct	Adams	JACS	75 (1953) 5901
$C_{13}H_{12}Cl_2NO_3P$	Di-p-Chlorophenylmethyl phosphoramidate	-	-	Freq, Assign	Ketelaar	RTC	78 (1959) 190

$C_{13}H_{12}Cl_3NO_2$	2,3,5-Trichloro-6-(2'-piperidinovinyl)-p-benzoquinone	2200-8000	Sol	Absorption study	Buckley	JCS	-	(1957)	4891
$C_{13}H_{12}N_2$	p-Methylazobenzene	600-1700	S	Spec, Freq	Lefevre	AJC	10	(1957)	26
$C_{13}H_{12}N_2O$	2-p-Aminophenacyl-pyridine	-	S,Sol	Freq	Branch	N	177	(1956)	671
$C_{13}H_{12}N_2O$	2-N-Benzoyl-N-methyl-aminopyridine	600-4000	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
		-	Sol	Assing, Struct, I	Katritzky	JCS	-	(1959)	2067
$C_{13}H_{12}N_2O$	3-N-Benzoyl-N-methylamino-pyridine	600-3000	Sol	Assign	Katritzky	JCS	-	(1958)	3165
		600-4000	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
		-	Sol	Assign, Struct, I	Katritzky	JCS	-	(1959)	2067
$C_{13}H_{12}N_2O$	4-N-Benzoyl-N-methylamino-pyridine	-	Sol	Assign, Struct, I	Katritzky	JCS	-	(1959)	2067
$C_{13}H_{12}N_2O$	Benzoylphenylhydrazine	-	-	Ident	Witkop	JACS	75	(1953)	1975
$C_{13}H_{12}N_2O$	Benzylazoxybenzene	-	-	Group freq, Struct	Lynch	JCS	-	(1953)	2517
$C_{13}H_{12}N_2O$	N,N-Diphenylurea	2-15 μ	Sol	Spec, Group anal, Freq	Pristera	AC	25	(1953)	844
		3 μ	Sol	Band freq	Russell	SA	8	(1956)	138
$C_{13}H_{12}N_2O$	1,3-Diphenylurea	-	-	H bond	Kutepov	ZOK	30	(1960)	3448
$C_{13}H_{12}N_2O$	p-Methoxyazobenzene	-	S	Freq	Lefevre	AJC	10	(1957)	26
$C_{13}H_{12}N_2O$	4-Phenylazo-o-methyl-phenol	2800-3000	S,Sol	Assign, Struct	Hadzi	JCS	-	(1956)	2143
$C_{13}H_{12}N_2O$	N-Phenyl-N'-tolyl-diimide-N-monoxide	600-1600	L,S, Sol	Freq	George	CJC	37	(1959)	679
$C_{13}H_{12}N_2O$	N-Phenyl-N'-tolyl-diimide-N'-monoxide	600-1600	L,S, Sol	Freq	George	CJC	37	(1959)	679

$C_{13}H_{12}N_2O$	ω-(4-Pyridyl)acetanilide	4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958) 4155
$C_{13}H_{12}N_2O$	Salicylaldehyde phenyl-hydrazone	6400-6700	Sol	Spec, H bond	Hendricks	JACS	58	(1936) 1991
$C_{13}H_{12}N_2O$	α-Styrylaminopyridine-N-oxide	800-3000	Sol	Substitution effect	Katritzky	JCS	-	(1958) 2195
$C_{13}H_{12}N_2O_2$	2-Acetyl-1,2,3,4-tetra-hydro-1-oxo-β-carboline	6 μ	S	Band study	Abramovitch	JCS	-	(1957) 1413
$C_{13}H_{12}N_2O_2$	2-N-Benzoyl-N-methyl-aminopyridine-N-oxide	800-3000	Sol	Substitution effect	Katritzky	JCS	-	(1958) 2195
		600-4000	Sol	Substitution effect	Katritzky	JCS	-	(1958) 4155
		-	Sol	Assign, Struct, I	Katritzky	JCS	-	(1959) 2067
$C_{13}H_{12}N_2O_2$	4-N-Benzoyl-N-methyl-aminopyridine-N-oxide	600-4000	Sol	Substitution effect	Katritzky	JCS	-	(1958) 4155
		-	Sol	Assign, Struct, I	Katritzky	JCS	-	(1959) 2067
$C_{13}H_{12}N_2O_2$	N-Benzyl-m-nitroaniline	3370-3470	Sol	Group study	Oki	BCSJ	33	(1960) 784
$C_{13}H_{12}N_2O_2$	N-Benzyl-2-nitroaniline	3500-3200	Sol	Substitution effect	Moritz	SA	15	(1959) 242
		3300-3500	S,Sol	H bond, Stretch freq	Moritz	SA	16	(1960) 1176
$C_{13}H_{12}N_2O_2$	N-Benzyl-4-nitroaniline	3300-3500	S,Sol	H bond, Stretch freq	Moritz	SA	16	(1960) 1176
		3370-3470	Sol	Group study	Oki	BCSJ	33	(1960) 784
$C_{13}H_{12}N_2O_2$	N-Benzyl-N'-phenyl-diimide dioxide	600-1600	L,S, Sol	Freq	George	CJC	37	(1959) 679
$C_{13}H_{12}N_2O_3$	5-Allyl-5-phenyl-barbituric acid	2.5-16 μ	S	Spec	Levi	AC	28	(1956) 1591
$C_{13}H_{12}N_2O$	N-2-Hydroxybenzyl-3-nitroaniline	3500-3200	Sol	Spec, Freq	Moritz	SA	15	(1959) 242
$C_{13}H_{12}N_2O_3S$	Phenyl p-tolylazoxy sulfone	600-1800	S	Spec assign	LeFerve	AJC	6	(1953) 341

$C_{13}H_{12}N_2O_4$	cis-2p-Nitrobenzoyl-4,5-trimethyleneoxazoline	5-7 μ	Sol	Spec, Struct	Vantamelen	JACS	75	(1953)	1297
$C_{13}H_{12}N_2O_7$	2-Hydroxycyclohexanone 3,5-dinitrobenzoate	-	S	Band study	Jaeger	JCS	-	(1955)	160
$C_{13}H_{12}N_2S$	Thiocarbanilide	3 μ	Sol	Band study	Russell	SA	8	(1956)	138
		600-1900	S	Spec, Freq	Jones	JCS	-	(1957)	614
$C_{13}H_{12}N_4OS \cdot HCl$	5-(4'-Imidazolylmethyl)-3-phenyl-2-thiohydantion hydrochloride	2.5-15 μ	S	Spec, Ident	Ramchandran	AC	27	(1955)	1734
$C_{13}H_{12}O$	o-Benzylphenol	-	-	Spec, Absorption freq	Barnes	IEC	15	(1943)	659
		-	-	Group study	Oki	BCSJ	33	(1960)	717
		650-1400	Sol	Spec	Shrewsbury	SA	16	(1960)	1294
$C_{13}H_{12}O$	p-Benzylphenol	1050-1800	-	Spec	Barnes	IEC	15	(1943)	659
		3 μ	Sol	Stretch freq, Hammett const	Ingraham	JACS	74	(1952)	2297
		650-1400	Sol	Spec	Shrewsbury	SA	16	(1960)	1294
$C_{13}H_{12}O$	Benzohydrol	2.5-3.9 μ	Sol	Spec, I	Fox	PRS	A162	(1937)	419
		3100-3700	S,Sol	Spec, Assign	Richards	JCS	-	(1947)	1260
		-	-	FC	Richards	TFS	44	(1948)	40
		665-5000	L,S	Band freq	Zeiss	JACS	75	(1953)	897
		-	Sol	Ident	Rausch	JACS	76	(1954)	3622
		3 μ	Sol	H bond, Freq	Flett	SA	10	(1958)	21
		600-4000	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
		3 μ	Sol	Bond dipole, I	Moccia	PRS	243	(1958)	154
		3200-3800	Sol	Solvent effect, H bond	Bellamy	TFS	55	(1959)	220
		-	-	Band assign	Michinori	BCSJ	32	(1959)	950
		3300-3100	Sol	H bond	West	JACS	80	(1959)	6145
$C_{13}H_{12}O$	o-Methoxydiphenyl	1050-1800	-	Spec	Barnes	IEC	15	(1943)	659
$C_{13}H_{12}O$	Benzyl phenyl ether	4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{13}H_{12}O$	p-Methoxydiphenyl	1050-1800	-	Spec	Barnes	IEC	15	(1943)	659
		1500-5000	Sol	Group freq	Briggs	AC	29	(1957)	904

$C_{13}H_{12}O$	Perinaphthanone-7	1100-1800 1600-1800	S Sol	Spec, Group freq Group freq	Josien Cromwell	JCP JACS	21 (1953) 75 (1953)	331 872
$C_{13}H_{12}O$	m-Phenylbenzyl alcohol	-	-	Rotational iso	Oki	BCSJ	32 (1959)	955
$C_{13}H_{12}O$	p-Phenylbenzyl alcohol	-	-	Rotational iso	Oki	BCSJ	32 (1959)	955
$C_{13}H_{12}O_2$	4-Benzyloxyphenol	3 μ	Sol	Stretch freq, Hammett const	Ingraham	JACS	74 (1952)	2297
		3500-3800	Sol	Hammett const, Freq	Puttnam	JCS	- (1960)	5100
$C_{12}H_{12}O_2$	2,2'-Dihydroxydiphenyl-methane	700-3700	L,S, Sol	Spec, Assign	Richards	JCS	- (1947)	1260
$C_{13}H_{12}O_2$	2,4'-Dihydroxydiphenyl-methane	700-3700	L,S, Sol	Spec, Assign	Richards	JCS	- (1947)	1260
$C_{13}H_{12}O_2$	4,4'-Dihydroxydiphenyl-methane	700-3700	L,S, Sol	Spec, Assign	Richards	JCS	- (1947)	1260
		-	-	Ident	Martin	JOC	17 (1952)	342
$C_{13}H_{12}O_2$	Di-(o-Hydroxyphenyl)-methane	600-1300	-	Spec	Thompson	JCS	- (1947)	289
$C_{13}H_{12}O_2$	trans-3,6-Dioxo-4,5-benzhydrindane	-	-	Group freq	Amiel	JACS	76 (1954)	3625
$C_{13}H_{12}O_2$	2-Ethoxy-1-naphthaldehyde	-	Sol	Group & Band freq	Pinchas	AC	27 (1955)	2
$C_{13}H_{12}O_2$	α-Ethyl naphthoate	1000-550	S,Sol	Solvent effect	Wang	SA	15 (1959)	1118
$C_{13}H_{12}O_2$	9-α-Furyl-2,4,6,8-nonatetraenal	1400-2000	S,Sol	Spec	Blout	JACS	70 (1948)	194
$C_{13}H_{12}O_2$	1,2,3,4-Tetrahydro-1-methyl 3-oxodibenzofuran	-	-	Group freq	Macmillan	JCS	- (1954)	429
$C_{13}H_{12}O_2S$	p-Methylphenyl phenyl sulfone	-	S	Substitution effect	Momose	CPBT	6 (1958)	412

$C_{13}H_{12}O_2S$	Phenyl benzyl sulfone	1000-1500	Sol	Spec	Schreiber	AC	21	(1949) 1168
$C_{13}H_{12}O_3$	Ethyl-2-naphthyl carbonate	-	-	Group freq, Struct	Tsou	JACS	76	(1954) 3704
$C_{13}H_{12}O_3S$	o-Methoxydiphenyl sulfone	-	S	Group freq	Amstutz	JACS	73	(1951) 1220
$C_{13}H_{12}O_3S$	p-Methoxydiphenyl sulfone	-	S	Group freq	Amstutz	JACS	73	(1951) 1220
$C_{13}H_{12}O_3S$	Phenyl p-toluenesulfonate	800-1620	S	Band freq	Tipson	JACS	74	(1952) 1354
$C_{13}H_{12}O_4$	Cinnamenylitaconic acid	-	S	Struct	Walker	JACS	76	(1954) 6205
$C_{13}H_{12}O_4$	1':4'-Dimethoxybenzocyclo-heptene-3,7-dione	-	Sol	Freq	Farmer	JCS	-	(1956) 3600
$C_{13}H_{12}O_4$	Methyl 3-hydroxy-2-naphthylglycolate	-	S	Band study	Soffer	JACS	74	(1952) 1556
$C_{13}H_{12}O_4S$	2-Hydroxy-4-methoxy-(phenylsulfonyl)benzene	-	Sol	Group freq	Amstutz	JACS	73	(1951) 1220
$C_{13}H_{12}O_4S$	2-Methoxy-4-hydroxy-(phenylsulfonyl)benzene	-	Sol	Group freq	Amstutz	JACS	73	(1951) 1220
$C_{13}H_{12}O_5$	3,4-Dimethoxyphenylitaconic anhydride	-	Sol	Band freq, Struct	Walker	JACS	75	(1953) 3390
$C_{13}H_{12}O_5$	Dimethylpurpurogallin	-	Sol	Band study	Bryant	JOC	19	(1954) 1889
$C_{13}H_{12}O_6$	Acetylgladiolic acid	-	S	Group freq	Grove	JCS	-	(1952) 3345
$C_{13}H_{12}O_6$	3,4-Diacetoxycinnamic acid	4000-600	-	Spec, Freq	Herzert	JOC	25	(1960) 405
$C_{13}H_{12}O_6$	3,6-Dimethoxy-5-methyl-4-acetylphthalic acid anhydride	-	-	Group freq	Lister	HCA	38	(1955) 215
$C_{13}H_{12}O_6$	Terracinoic acid	2-16μ	Sol	Spec, Band freq	Pasternack	JACS	74	(1952) 1928

$C_{13}H_{12}O_7$	4-Carboxy-2,5-dihydroxy-3-methylindanone-2-acetic acid	-	-	Band study	Pasternack	JACS	74 (1952)	1928
$C_{13}H_{12}S$	Phenyl benzyl sulfide	1000-1500	Sol	Spec	Schreiber	AC	21 (1949)	1168
$C_{13}H_{13}BrO_2$	1-Hydroxy-1-p-bromophenyl-cyclohexane-2-carboxylic acid-β-lactone	2-16μ	Sol	Spec, Band freq	Bartlett	JACS	73 (1951)	4275
$C_{13}H_{13}BrSi$	Methylphenyl-p-bromo-phenylsilane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{13}H_{13}ClO_6$	β-(7-chloro-6-hydroxy-4-methoxy-3-oxocoumaran-2-yl)butyric acid	-	Sol	Spec	Duncanson	JCS	- (1957)	3555
$C_{13}H_{13}ClSi$	Methyldiphenylchloro-silane	2-30μ	Sol	Spec, Struct, Anal	Grenoble	APS	14 (1960)	85
$C_{13}H_{13}ClSi$	Phenyl-o-chlorobenzyl-silane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{13}H_{13}N$	N-Benzylaniline	-	Sol	Band freq, Ext coeff, I	Russell	JCS	- (1955)	483
		3500-3200	Sol	Substitution effect	Moritz	SA	15 (1959)	242
		-	-	Freq, Electronic effect	Oki	BCSJ	32 (1959)	955
		3300-3500	S,Sol	Stretch freq, Config	Moritz	SA	16 (1960)	1176
$C_{13}H_{13}N$	N-Benzyl-p-hydroaniline	3370-3470	Sol	Group study	Oki	BCSJ	33 (1960)	784
$C_{13}H_{13}N$	Diphenylmethylamine	-	-	Anal	Dannley	JOC	20 (1955)	92
		2900-3100	Sol	Group freq	Hill	JCS	- (1958)	760
$C_{13}H_{13}N$	N-m-Hydrobenzylaniline	3370-3470	Sol	Group study	Oki	BCSJ	33 (1960)	784
$C_{13}H_{13}N$	N-p-Hydrobenzylaniline	3370-3470	Sol	Group study	Oki	BCSJ	33 (1960)	784
$C_{13}H_{13}N$	Phenylethyl-2-pyridine	4000-600	Sol	Substitution effect	Katritzky	JCS	- (1958)	4155

$C_{13}H_{13}N$	Phenylethyl-4-pyridine	4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{13}H_{13}N \cdot HCl$	N-Benzylaniline hydrochloride	2-8 μ	Sol	Spec	Nakanishi	BCSJ	30	(1957)	403
$C_{13}H_{13}N \cdot HBr$	N-Methyldiphenylamine hydrobromide	1000-3500	S	Band study	Chenon	CJC	36	(1958)	1181
$C_{13}H_{13}N \cdot HCl$	N-Methyldiphenylamine hydrochloride	1000-3500	S	Band study	Chenon	CJC	36	(1958)	1181
$C_{13}H_{13}N \cdot HI$	N-Methyldiphenylamine hydriodide	1000-3500	S	Band study	Chenon	CJC	36	(1958)	1181
$C_{13}H_{13}NO$	o-Benzylaminophenol	-	Sol	Band freq	Witkop	JACS	74	(1952)	3861
$C_{13}H_{13}NO$	N-2-Hydroxybenzylaniline	3500-3200	Sol	Spec, Freq	Moritz	SA	15	(1959)	242
$C_{13}H_{13}NO$	N-(α-Naphthylmethylene)-2-aminoethanol-1	-	Sol	H bond, Group freq	Bergmann	CR	53	(1953)	309
		-	-	H bond, Group freq	Bergmann	JACS	75	(1953)	68
$C_{13}H_{13}NO$	N-(-β-Naphthylmathylene) 2-aminoethanol-1	-	Sol	H bond, Group freq	Bergmann	JACS	75	(1953)	68
$C_{13}H_{13}NO$	Phenylethyl-2-pyridine-1-oxide	4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{13}H_{13}NO$	Phenylethyl-4-pyridine-1-oxide	600-3000	Sol	Substitution effect	Katritzky	JCS	-	(1958)	2192
		4000-600	Sol	Substitution effect	Katritzky	JCS	-	(1958)	4155
$C_{13}H_{13}NO_2$	N-Acetyl-3-indolylacetone	-	L	Ident	Brown	JCS	-	(1952)	3172
$C_{13}H_{13}NO_2$	2,6-Dioxocyclohexylanilinomethylene	-	L,S	Band freq	Rogers	JCS	-	(1955)	341
$C_{13}H_{13}NO_2$	Ethyl N-α-naphthylurethan	1000-3500	Sol	Spec, Assign, I	Katritzky	JCS	-	(1960)	676
$C_{13}H_{13}NO_2$	Ethyl N-β-naphthylurethan	1000-3500	Sol	Spec, Assign, I	Katritzky	JCS	-	(1960)	676

$C_{13}H_{13}NO_2$	β-2-Naphthylaminopropionic acid	-	-	Band freq, Struct	Braunholtz	JCS	-	(1954)	651
$C_{13}H_{13}NO_2S$	l-α-Naphthylcysteine	2-15μ	S	Spec, Anal, Struct	Fuson	JACS	74	(1952)	1
$C_{13}H_{13}NO_2S \cdot HCl$	p-Aminomethylphenyl phenyl sulfone hydrochloride	-	S	Substitution effect	Momose	CPBT	6	(1958)	412
$C_{13}H_{13}NO_3$	N-Acetyl-3-acetoxymethylindole	2-10μ	-	Spec	Geissman	JACS	74	(1952)	3916
$C_{13}H_{13}NO_3$	N-Benzyloxy-α,β-dimethylmaleinimide	-	S	Group freq	Ames	JCS	-	(1955)	631
$C_{13}H_{13}NO_3$	3-Carbethoxy-4-hydroxy-1-phenylpyrrole	2-8μ	S	Table, I	Davoll	JCS	-	(1953)	3802
$C_{13}H_{13}NO_3$	3-Carbomethoxy-2-methyl-4-oxo-1-phenyl- - Δ^2-pyrroline	2-8μ	S	Table, I	Davoll	JCS	-	(1953)	3802
$C_{13}H_{13}NO_3$	3-Carboxy-2,5-dimethyl-4-oxo-1-phenyl- - Δ^2-pyrroline	2-8μ	S	Table, I	Davoll	JCS	-	(1953)	3802
$C_{13}H_{13}NO_3$	Cyclopropyl 2-nitro-3-phenyl-1-cyclopropyl ketone	-	-	Spec, Band freq	Smith	JACS	73	(1951)	3831
$C_{13}H_{13}NO_3$	Ethyl o-methyl-β-cyano-α-hydroxycinnamate	2-16μ	S	Spec	Skinner	JACS	73	(1951)	2230
$C_{13}H_{13}NO_3$	Ethyl p-methyl-β-cyano-α-hydroxycinnamate	2-16μ	S	Spec	Skinner	JACS	73	(1951)	2230
$C_{13}H_{13}NO_3$	4-Hydroxy-2,3-dimethyl-4-phenylcarbamoylbut-2-enoic lactone	724-3356	S	Table, Group freq	Ames	JCS	-	(1954)	375

$C_{13}H_{13}NO_3$	5-Methyldiacetylindoxyl	700-4000	Sol	Solvent effect, Assign	Holt	JCS	-	(1958)	1217
$C_{13}H_{13}NO_3$	2-Nitro-3-cyclopropyl-1-benzoylcyclopropane	-	-	Spec, Band freq	Smith	JACS	73	(1951)	3831
$C_{13}H_{13}NO_3$	2-Phenylcarbamoylcyclohexane-1,3-dione	-	L,S	Band freq	Rogers	JCS	-	(1955)	341
$C_{13}H_{13}NO_4$	Anhydrophenacetylglutamic acid	2.4-7μ	-	Spec, Group freq	King	JACS	74	(1952)	5202
$C_{13}H_{13}NO_4$	5-Carbethoxymethyl-1-methylisatin	1500-3500	Sol	Freq, Assing, Struct	Sadler	JCS	-	(1959)	667
$C_{13}H_{13}NO_4$	5-Methoxydiacetylindoxyl	700-4000	Sol	Substitution effect	Holt	JCS	-	(1958)	1217
$C_{13}H_{13}NO_4$	6-Methoxydiacetylindoxyl	700-4000	Sol	Substitution effect	Holt	JCS	-	(1958)	1217
$C_{13}H_{13}NO_4$	5-(3',4'-Methylenedioxyphenyl)-4-nitrocyclohexene	700-1500	S,Sol	Group freq	Briggs	AC	29	(1957)	904
$C_{13}H_{13}NO_8$	2-Nitro-3-hydroxytoluene-α,α-diol triacetate	3.3-9.9μ	Sol	Group freq, Table, I	Ek	JACS	76	(1954)	5579
$C_{13}H_{13}NS_2$	2-(Cyclohex-2-enylthio) benzothiazole	-	-	Ident	Moore	JCS	-	(1952)	4232
$C_{13}H_{13}NS_2$	3-(Cyclohex-2-enylthio)-2-benzothiazoline	-	-	Ident	Moore	JCS	-	(1952)	4232
$C_{13}H_{13}N_3$	1,3-Diphenylguanidine	-	S	Group freq	Pickard	JACS	76	(1954)	5169
$C_{13}H_{13}N_3$	4-Methylaminoazobenzene	-	S	Spec, Freq	Lefevre	AJC	10	(1957)	26
$C_{13}H_{13}N_3O_2$	2-Acetyl-3-acetylamino-5-phenylpyrazole	3.27-12.92μ	S	Table, Struct, Ident	Searles	JOC	19	(1954)	928
$C_{13}H_{13}N_3O_2$	2,6-Dihydroxy-3,4-dimethyl-5-phenylazopyridine	756-1650	S	Table, Band freq	Ames	JCS	-	(1953)	3008

$C_{13}H_{13}O_2As$	Benzylphenylarsinic acid	600-4000	S,Sol	Group study	Braunholtz	JCS	-	(1959)	868
$C_{13}H_{13}O_3P$	Phenyl-m-methoxyphenyl-hypophosphorous acid	600-4000	S,Sol	Group study	Braunholtz	JCS	-	(1959)	868
$C_{13}H_{13}O_3P$	Phenyl-o-methoxyphenyl-hypophosphorous acid	600-4000	S,Sol	Group study	Braunholtz	JCS	-	(1959)	868
$C_{13}H_{13}O_4P$	Benzylhydrogenphenyl-phosphate	600-5000	S	Spec, H bond	Peppard	JINC	12	(1960)	60
$C_{13}H_{14}$	1-Isopropylnaphthalene	6-9μ	-	Spec	Kutz	JACS	70	(1948)	4026
		8000-9000	Sol	Anal	Hibbard	AC	21	(1949)	486
		640-2000	L	Spec	Cannon	SA	4	(1951)	373
		15-35μ	S	Spec, Struct	Bentley	SA	15	(1959)	165
$C_{13}H_{14}$	2-Isopropylnaphthalene	6-9μ	-	Spec	Kutz	JACS	70	(1948)	4026
		640-2000	L	Spec	Cannon	SA	4	(1951)	373
$C_{13}H_{14}$	1,3,5-Trimethylnaphthal-ene	2-16μ	S,Sol	Spec	Mosby	JACS	74	(1952)	2564
		900-630	S,Sol	Substitution effect	Cencelj	SA	7	(1955)	274
$C_{13}H_{14}$	1,3,8-Trimethylnaphtha-lene	2-16μ	S,Sol	Spec	Mosby	JACS	74	(1952)	2564
		900-630	S,Sol	Substitution effect	Cencelj	SA	7	(1955)	274
$C_{13}H_{14}$	1,4,5-Trimethylnaphtha-lene	2-16μ	S,Sol	Spec	Mosby	JACS	74	(1952)	2564
$C_{13}H_{14}$	1,6,7-Trimethylnaphtha-lene	2-16μ	S,Sol	Spec	Mosby	JACS	74	(1952)	2564
$C_{13}H_{14}ClNO$	β-Isobutoxy-β-p-chloro-phenylacrylonitrile	-	S	Band freq	Chase	JCS	-	(1953)	3518
$C_{13}H_{14}ClNO_3$	2-(2'-Oxocyclohexyl)-methyl-6-chloronico-tinic acid	-	Sol	Band freq, I	Ramirez	JACS	77	(1955)	1035

$C_{13}H_{14}NO_3P$	Benzyl hydrogen anilino phosphonate	-	-	Group freq	Bellamy	JCS	-	(1952)	1701
$C_{13}H_{14}N_2$	2-Phenyl-3-isopropenyl-5-methylpyrazole	670-3800	Sol	Spec, Struct	Charette	SA	15	(1959)	70
$C_{13}H_{14}N_2O$	Harmaline	-	Sol	Band freq	Marion	JACS	73	(1951)	305
$C_{13}H_{14}N_2O$	α-(2-Phenylethylamino)-pyridine-N-oxide	800-3000	Sol	Substitution effect	Katritzky	JCS	-	(1958)	2195
$C_{13}H_{14}N_2O$	Spiro-(cyclopentane-1,3'-pseudoindole)-2'-carboxamide	-	-	Group freq	Witkop	JACS	75	(1953)	2572
$C_{13}H_{14}N_2O_3$	Anhydrodethiogliotoxin	-	-	Group study	Johnson	JACS	75	(1953)	2103
$C_{13}H_{14}N_2O_3$	Mebraral	2-16μ	Sol	Spec, Table	Umberger	AC	24	(1952)	1309
		2.5-16μ	S	Spec	Levi	AC	28	(1956)	1591
		-	-	Ident	Cleverley	ANA	85	(1960)	582
$C_{13}H_{14}N_2O_3$	4-N-Propylamido-7-methylisatin	1500-3500	S	Freq assign, Struct	Sadler	JCS	-	(1959)	667
$C_{13}H_{14}N_2O_4$	1-Acetyl-2-ethylcarboxy-glyoxal monophenyl-hydrazone	650-4000	Sol	Struct	Tanner	SA	15	(1959)	20
$C_{13}H_{14}N_2O_4S_2$	Gliotoxin	-	-	Group study	Johnson	JACS	75	(1953)	2103
$C_{13}H_{14}N_4O_4$	Norcamphor-2,4-dinitro-phenylhydrazone	4.2-14.2μ	-	Table, I	Kwart	JACS	76	(1954)	4072
$C_{13}H_{14}N_4O_5S_3$	2-Thio-3-O-nitrophenyl-hydantoin (derived from l-cystine)	600-4000	S	Spec, Ident	Epp	AC	29	(1957)	1283
$C_{13}H_{14}N_4O_6$	O-Azidoacetyl-N-carbo-benzoxy-DL-serine	-	-	Band study	Nicolaides	JACS	76	(1954)	2887

$C_{13}H_{14}N_4O_6$	O-Azidoacetyl-N-carbobenzoxy-L-serine	-	-	Band study	Nicolides	JACS	76 (1954) 2887
$C_{13}H_{14}N_4O_8$	6-Keto-1-azabicyclo [3.2.1] octane picrate	-	S	Band freq	Leonard	JACS	75 (1953) 6249
$C_{13}H_{14}O$	2-Benzylidenecyclohexanone	-	S	Band freq	Dreiding	JACS	76 (1954) 3965
$C_{13}H_{14}O$	cis-1,2,3,4,4a,9a-Hexahydro-9-ketofluorene	2-12 μ	-	Spec	Gutsche	JACS	73 (1951) 786
$C_{13}H_{14}O$	trans-6-Oxo-4,5-benzhydrindane	-	-	Group freq	Amiel	JACS	76 (1954) 3625
$C_{13}H_{14}O$	2-Phenylcyclohept-2-enone	-	-	Group freq	Ginsburg	JACS	76 (1954) 3628
$C_{13}H_{14}O$	3-Phenyl-4,5-dimethyl-2-cyclopenten-1-one	-	S,Sol	Band study	Yates	JACS	80 (1958) 5896
$C_{13}H_{14}O$	Styryl cyclobutyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
$C_{13}H_{14}OSi$	Phenyl-p-anisylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959) 651
$C_{13}H_{14}O_2$	2-Benzoylcyclohexanone	5-7 μ	Sol	Spec, Taut	Campbell	JACS	82 (1960) 5426
$C_{13}H_{14}O_2$	α-(4-keto-2-methylcyclopent-2-enyl)benzyl alcohol	-	S	Group freq	Acheson	JCS	- (1952) 3415
$C_{13}H_{14}O_2$	3-Methyl-1,8-bis-(hydroxymethyl)naphthalene	-	-	Ident	Boekelheide	JOC	19 (1954) 575
$C_{13}H_{14}O_2$	4-Phenyl-1-carbethoxy-1,3-butadiene	1200-1800	Sol	Spec, Freq	Lacey	JCS	- (1960) 3153
$C_{13}H_{14}O_3$	β-Carboxy-ϵ-phenylcap-	-	Sol	Band freq	Walker	JACS	76 (1954) 6205

$C_{13}H_{14}O_3$	1',4'-Dimethoxybenzocyclo-heptenone	-	Sol	Freq	Farmer	JCS	-	(1956)	3600
$C_{13}H_{14}O_3$	6,7-Dimethoxy-3-methyl-1-naphthol	-	Sol	Ident, Band study	Edwards	JACS	76	(1954)	6188
$C_{13}H_{14}O_3$	4-Ethoxy-6-phenyl-5,6-dihydro-2-pyrone	-	-	Struct	Reid	JACS	76	(1954)	938
$C_{13}H_{14}O_3$	Ethyl 1-oxotetralin-2-carboxylate	-	Sol	Group study	Bellamy	JCS	-	(1954)	4487
$C_{13}H_{14}O_3$	α-Hydroxycyclohexanone benzoate	-	-	Ident	Stevens	JACS	76	(1954)	715
$C_{13}H_{14}O_3$	2-(3,4-Methylenedioxy-phenyl)cyclohexanone	700-3000	Sol	Group freq	Briggs	AC	29	(1957)	904
$C_{13}H_{14}O_3$	trans-3-Oxo-2-phenylcyclo-pentaneacetic acid	-	-	Group freq	Amiel	JACS	76	(1954)	3625
$C_{13}H_{14}O_4$	1',4'-Dimethoxy-1,2-benzo-cycloheptene-3,7-dione	-	-	Band freq	Sorrie	JCS	-	(1955)	2233
$C_{13}H_{14}O_4$	1'-Hydroxy-2',3'-dimethoxy-benzocycloheptenene	-	Sol	H bond	Farmer	JCS	-	(1956)	3600
$C_{13}H_{14}O_4$	Methyl 3,4-dihydro-3,3-dimethylisocoumarin-4-carboxylate	-	Sol	Group freq, Struct	Leowenthal	JCS	-	(1952)	4799
$C_{13}H_{14}O_4$	α-Methyl-3,4-methylene-	2-15.5 μ	Sol	Spec, Group freq, Struct	Schrecker	JACS	76	(1954)	4896
		700-1000	Sol	Group freq	Briggs	AC	29	(1957)	904

$C_{13}H_{14}O_5$	Ethyl gladiolate	-	S	Group freq	Grove	JCS	-	(1952)	3345
$C_{13}H_{14}O_5$	5,6,7,8-Tetrahydro-2-hydroxy-3-carboxy-1-naphthaleneacetic acid	-	-	Band freq	Tarbell	JACS	76	(1954)	5761
$C_{13}H_{14}O_5$	4,5,6-Trimethoxyindene-2-carboxylic acid	-	Sol	Group freq	Koo	JACS	75	(1953)	1889
$C_{13}H_{14}O_6$	Methyl phthalyl ethyl glycolate	2-15 μ	L	Spec	Kendall	PAS	7	(1953)	179
$C_{13}H_{14}O_7$	4-(2,6-Dicarboxy-3-hydroxyphenyl)pentanoic acid	-	S	Band study	Pasternack	JACS	74	(1952)	1928
$C_{13}H_{14}O_7$	Trimethyl 3-methoxybenzene-1,2,4-tricarboxylate	-	-	Ident	Gardner	JCS	-	(1954)	1817
$C_{13}H_{14}O_7$	Trimethyl 4-methoxybenzene-1,2,3-tricarboxylate	-	-	Ident	Gardner	JCS	-	(1954)	1817
$C_{13}H_{14}O_7$	Trimethyl 5-methoxybenzene-1,2,3-tricarboxylate	-	-	Ident	Gardner	JCS	-	(1954)	1817
$C_{13}H_{14}O_7$	Trimethyl 5-methoxybenzene-1,2,4-tricarboxylate	-	-	Ident	Gardner	JCS	-	(1954)	1817
$C_{13}H_{14}O_7$	Trimethyl 6-methoxybenzene-1,2,4-tricarboxylate	-	-	Ident	Gardner	JCS	-	(1954)	1817
$C_{13}H_{14}Si$	Benzylphenylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15	(1959)	651
$C_{13}H_{14}Si$	Methyldiphenylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15	(1959)	651
		2050-2250	Sol	Struct, Freq	Smith	SA	15	(1959)	412
$C_{13}H_{14}Si$	Phenyl-o-tolylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15	(1959)	651
$C_{13}H_{15}BrO$	2-(p-Bromobenzyl)cyclo-	5-6.5 μ	Sol	H bond	Huitric	JACS	78	(1956)	1147

$C_{13}H_{15}BrO_2$	2-Bromo-2-phenylcyclohexanecarboxylic acid	-	-	Ident	Zimmerman	JACS	76 (1954)	2285
$C_{13}H_{15}BrO_2$	2-(α-Hydroxy-p-bromobenzyl)cyclohexanone	2-6.5μ	S,Sol	H bond	Huitric	JACS	78 (1956)	1147
$C_{13}H_{15}BrO_3$	2-Bromo-3,4-dihydro-6,7-dimethoxy-3-methyl-1(2) naphthalenone	-	Sol	Group freq	Edwards	JACS	76 (1954)	6188
$C_{13}H_{15}BrO_3$	p-Bromophenacyl isovalerate	-	Sol	Ident	Wagner	JACS	75 (1953)	4684
$C_{13}H_{15}BrO_4$	p-Bromophenacyl α-methyl - α-hydroxybutyrate	-	-	Ident	Ham	JACS	76 (1954)	6066
$C_{13}H_{15}ClO$	2-(p-chlorobenzyl)cyclohexanone	5.5-6.5μ	Sol	H bond	Huitric	JACS	78 (1956)	1147
$C_{13}H_{15}ClO_2$	2-(α-Hydroxy-p-chlorobenzyl)cyclohexanone	2-6.5μ	S,Sol	H bond	Huitric	JACS	78 (1956)	1147
$C_{13}H_{15}ClO_2$	Vinyloxyethyl 2-allyl-4-chlorophenyl ether	-	-	Group freq	Butler	JACS	77 (1955)	482
$C_{13}H_{15}Cl_2NO_3$	2,5-Dichloro-6,(2'-diethyl -aminovinyl)-3-methoxy-p-benzoquinone	2200-8000	Sol	Absorption study	Buckley	JCS	- (1957)	4891
$C_{13}H_{15}Cl_2NO_3$	3,5-Dichloro-6,(2'-diethyl -aminovinyl)-2-methoxy-p -benzoquinone	2200-8000	Sol	Absorption study	Buckley	JCS	- (1957)	4891
$C_{13}H_{15}IO_2$	2-(α-Hydroxy-p-iodobenzyl) cyclohexanone	2-6.5μ	S,Sol	H bond	Huitric	JACS	78 (1956)	1147
$C_{13}H_{15}N$	11-Methyltetrahydrocarbazolenine	2-12μ	Sol	Spec	Witkop	JACS	73 (1951)	1558
$C_{13}H_{15}N$	Sprio-(cyclopentane-1,3'-pseudo-2'-methylindole)	2-12μ	Sol	Spec	Witkop	JACS	73 (1951)	1558

$C_{13}H_{15}N$	2,4,5,8-Tetramethyl-quinoline	2-15 μ	Sol	Bending freq, Spec	Karr	JACS	81	(1959)	152
$C_{13}H_{15}N$	2,4,7,8-Tetramethyl-quinoline	2-15 μ	Sol	Spec, Bending freq	Karr	JACS	81	(1959)	152
$C_{13}H_{15}N \cdot HCl$	Spiro-(cyclopentane-1,3'-pseudo-2'-methylindole) hydrochloride	2-12 μ	Sol	Spec	Witkop	JACS	73	(1951)	1558
$C_{13}H_{15}NO$	Benzo[c]-7-keto-1-azabicyclo[4.4.0]decane	-	Sol	Group freq	Leonard	JACS	76	(1954)	3193
$C_{13}H_{15}NO$	1-Benzoyl-2,5-dimethyl-Δ^3-pyrroline	2-11 μ	Sol	Spec, Band freq	Evans	JACS	73	(1951)	5230
$C_{13}H_{15}NO$	1-Dimethylaminomethyl-2-naphthol	3 μ	Sol	H bond, Freq	Flett	SA	10	(1958)	21
$C_{13}H_{15}NO$	1,4-Dimethyl-3-ethyl-carbostyril	2-16 μ	Sol	Spec, Freq	Cook	JOC	22	(1957)	211
$C_{13}H_{15}NO$	Spiro-(cyclopentane-1,3'-pseudo-1'-methyloxindole)	-	-	Ident	Witkop	JACS	75	(1953)	2572
$C_{13}H_{15}NO$	1,2,3,4-Tetrahydro-6-methoxycarbazole	-	-	Group freq, Struct	Milne	JCS	-	(1952)	2789
$C_{13}H_{15}NO_2 \cdot HCl$	3-Dimethylaminomethyl-6-methylchromone hydrochloride	-	-	Spec	Wiley	JACS	74	(1952)	4326
$C_{13}H_{15}NO_2S$	1-Cyano-2-phenylsulfonyl-cyclohexane	650-3800	S	Spec	Ross	JACS	73	(1951)	129
$C_{13}H_{15}NO_3$	9-Carboxy-1,2,3,4,4a,10a-hexahydrobenzo[b]-pyrrocolin-6 (10H)-one	-	S	Band freq, I	Ramirez	JACS	77	(1955)	3337

$C_{13}H_{15}NO_3$	Cyclopropyl-3-phenyl-2-nitro-1-cyclopropyl-carbinol	-	L,Sol	Spec, Band freq	Smith	JACS	73 (1951)	3837
$C_{13}H_{15}NO_3$	4-Hydroxy-2,3-dimethyl-4-phenylcarbamoylbutanoic lactone	695-3311	S	Group freq, Table	Ames	JCS	- (1954)	375
$C_{13}H_{15}NO_3 \cdot HCl$	3-Dimethylaminomethyl-6-methoxychromone hydrochloride	-	-	Spec	Wiley	JACS	74 (1952)	4326
$C_{13}H_{15}NO_3 \cdot HCl$	3-Dimethylaminomethyl-7-methoxychromone hydroohloride	-	-	Spec	Wiley	JACS	74 (1952)	4326
$C_{13}H_{15}NO_4$	1-Acetyl-3-methyl-5,6-dimethoxyoxindole	-	Sol	Group freq	Walker	JACS	77 (1955)	3844
$C_{13}H_{15}NO_4$	6-(4'-Carboxy)butyl-2-hydroxy-5-oxo-6,7-dihydro-1,5H-pyrindine	-	S	Band freq	Ramirez	JACS	77 (1955)	1035
$C_{13}H_{15}NO_4$	N,N-Diacetylglycine benzyl ester	2-8 μ	Sol	Spec, Group freq	Sheehan	JACS	74 (1952)	4555
$C_{13}H_{15}NO_4$	4,7-Dimethoxy-3-(2'-hydroxyethyl)-2-quinolone	1450-4000	S,Sol	Spec, Freq	Price	AJC	12 (1959)	589
$C_{13}H_{15}NO_6$	4-(3',4'-Methylenedioxy-phenyl)-5-nitro-1,2-cyclohexanediol	1500	S	Group freq	Briggs	AC	29 (1957)	904
$C_{13}H_{15}NO_6$	2,5,6-Triacetoxy-3,4-dimethylpyridine	713-1770	L	Table, Band freq	Ames	JCS	- (1953)	3008
$C_{13}H_{15}N$	1-Cyano-2-phenylmercapto-cyclohexane	650-3800	S	Spec	Ross	JACS	73 (1951)	129

$C_{13}H_{15}O_5$	Apocynol diacetate	4000-600	L	Spec, Freq	Herzert	JOC	25 (1960)	405
$C_{13}H_{16}F_3N_2O_3P$	Dianilinium trifluoromethyl phosphonate	-	-	Group freq	Emeleus	JCS	- (1955)	563
$C_{13}H_{16}N_2OS$	5-Isobutyl-3-phenyl-2-thiohydantoin	2.5-15 μ	L	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{13}H_{16}N_2OS$	5-(s-Butyl)-3-phenyl-2-thiohydantoin	2.5-15 μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{13}H_{16}N_2O_2$	2-Cyano-2-methyl-4-nitro-4-phenylpentane	-	-	Group & Band freq, I	Gingras	JCS	- (1954)	3508
$C_{13}H_{16}N_2O_2S$	Kemithal	-	-	Ident	Cleverley	ANA	85 (1960)	582
$C_{13}H_{16}N_2O_3$	Deoxydethiogliotoxin	-	-	Group study	Johnson	JACS	75 (1953)	2103
$C_{13}H_{16}N_2O_4$	Dethiogliotoxin	-	-	Group study	Johnson	JACS	75 (1953)	2103
$C_{13}H_{16}N_2O_4$	2-Heptenal-2,4-dinitrophenylhydrazone	2-16 μ	Sol	Spec	Schepartz	JAOC	27 (1950)	367
$C_{13}H_{16}N_2O_5$	2,6-Diacetoxy-5-acetamido-3,4-dimethylpyridine	717-3268	S	Table, Band freq	Ames	JCS	- (1953)	3008
$C_{13}H_{16}N_2O_6 \cdot HCl$	O-Glycyl-N-carbobenzoxy-DL-serine hydrochloride	-	S	Group freq	Moore	JACS	76 (1954)	2884
$C_{13}H_{16}N_2S_2$	Santocure	2.5-14 μ	S	Spec	Sheppard	TFS	41 (1945)	261
$C_{13}H_{16}N_4O_3S$	2-Thio-3-o-nitrophenyl-5-aminobutylhydantoin	4000-600	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{13}H_{16}N_4O_5$	Syn-2-Methoxycyclohexanone-2,4-dinitrophenylhydrazone	2-16 μ	Sol	Spec, Group freq	Ramirez	JACS	76 (1954)	1037

$C_{13}H_{16}N_4O_8$	3-Acetylpiperidine picrate	-	S	Ident	Leonard	JACS	75 (1953)	6249
$C_{13}H_{16}N_6O_4$	6-Dimethylamino-9-(3'-amino-3'-deoxy-β-D-ribfuranosyl)purene-2',3'-carbonate	-	S	Group freq	Baker	JACS	77 (1955)	15
$C_{13}H_{16}O$	Mesityl cyclopropyl ketone	-	-	Assign	Fuson	JACS	70 (1948)	3255
$C_{13}H_{16}O$	Mesityl propenyl ketone	-	-	Assign	Fuson	JACS	70 (1948)	3255
$C_{13}H_{16}O$	2-Phenylcycloheptanone	400-2000	-	Spec	Gutsche	JACS	71 (1949)	3513
$C_{13}H_{16}O$	3-Phenylcycloheptanone	400-2000	-	Spec	Gutsche	JACS	71 (1949)	3513
$C_{13}H_{16}O$	Phenyl cyclohexyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{13}H_{16}O$	Styryl isobutyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{13}H_{16}O_2$	p-Anisyl cyclopentyl ketone	-	Sol	Ident	Curtin	JACS	77 (1955)	1105
$C_{13}H_{16}O_2$	Butyl trans-cinnamate	2-15 μ	L	Assign, Generalization	Walton	JACS	79 (1957)	3985
$C_{13}H_{16}O_2$	s-Butyl β-phenyl acrylate	800-1500	Sol	Group assign	Katritzky	SA	16 (1960)	954
		-	-	Assign, Band study	Katritzky	SA	16 (1960)	964
$C_{13}H_{16}O_2$	β-Cyclohexyltropolone	2-16 μ	Sol	Spec	Doering	JACS	75 (1953)	297
$C_{13}H_{16}O_2$	γ-Cyclohexyltropolone	2-16 μ	Sol	Spec	Doering	JACS	75 (1953)	297
$C_{13}H_{16}O_2$	o-Ethyl phenyl 3-tetrahydro-furanyl ketone	-	-	Group freq	Godfrey	JACS	77 (1955)	3342

$C_{13}H_{16}O_2$	2-(α-Hydroxybenzyl)cyclohexanone	-	-	Group freq	Zimmerman	JACS	76 (1954) 2285
$C_{13}H_{16}O_2$	α-Hydroxycyclohexyl phenyl ketone	2-16 μ	Sol	Spec	Stevens	JACS	74 (1952) 5352
$C_{13}H_{16}O_2$	2-p-Methoxyphenylcyclohexanone	-	-	Ident, Anal	Curtin	JACS	77 (1955) 1105
$C_{13}H_{16}O_2$	trans-2-Phenylcyclopentaneacetic acid	-	L	Group freq	Amiel	JACS	76 (1954) 3625
$C_{13}H_{16}O_2$	2-Propionyl-5,6,7,8-tetrahydro-1-naphthol	800-2900	Sol	Spec, Freq	Lacey	JCS	- (1960) 3153
$C_{13}H_{16}O_2$	Vinyloxyethyl 2-allylphenyl ether	-	-	Group freq	Butler	JACS	77 (1955) 482
$C_{13}H_{16}O_3$	trans-1-Acetoxy-2-keto-10-methyl-$\Delta^{3,6}$-hexahydronaphthalene	2-12 μ	Sol	Spec	Woodward	JACS	74 (1952) 4223
$C_{13}H_{16}O_3$	δ-Benzoyl-α-methylvaleric acid	-	-	Group freq	Zimmerman	JACS	76 (1954) 2285
$C_{13}H_{16}O_3$	3-Carbomethoxy-4-methyl-ar-2-tetralol	3.29-11.59 μ	Sol	Table, Freq, I	Dreiding	JOC	19 (1954) 241
$C_{13}H_{16}O_3$	3,4-Dihydro-6,7-dimethoxy-3-methyl-1(2)naphthalenone	-	Sol	Group freq	Edwards	JACS	76 (1954) 6188
$C_{13}H_{16}O_3$	3,3-Dimethyl-2-ketobutyl benzoate	-	L	Group freq	Leonard	JACS	77 (1955) 3272
$C_{13}H_{16}O_3$	3-Ethoxy-5-phenyl-2-pentenoic acid	-	S,Sol	Ident, Struot	Reid	JACS	76 (1954) 938

$C_{13}H_{16}O_3$	2-Keto-3-carbomethoxy-10-methyl-$\Delta^{1:9,3:4}$-hexahydronaphthalene	5.72-11.71	Sol	Table, Freq, I	Dreiding	JOC	19 (1954)	241
$C_{13}H_{16}O_3$	2-(3',4'-Methylenedioxyphenyl)cyclohexanol	700-1500	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{13}H_{16}O_3$	1,2,3,4,5,6,7,10-Octahydro-1-hydroxy-10-methyl-7-oxo-2-naphthylacetic acid lactone	875-3020	Sol	Table, Group freq, I	Gunstone	JCS	- (1955)	1130
$C_{13}H_{16}O_3$	Pyrotenulin	5.5-13μ	S	Spec, Struct	Ungnade	JACS	72 (1950)	3818
$C_{13}H_{16}O_3$	2-Styryl-4-methoxymethyl-1,3-dioxolane	-	-	Band freq	Smith	JOC	16 (1951)	972
$C_{13}H_{16}O_4$	β-Carboxy-ϵ-phenylcaproic acid	-	Sol	Group freq	Walker	JACS	76 (1954)	6205
$C_{13}H_{16}O_4$	Diethyl phenylmalonate	2-15μ	L	Spec, Freq	Abramovitch	CJC	36 (1958)	151
$C_{13}H_{16}O_4$	4-Hydroxy-2,3-dimethoxybenzosuberone	-	-	Struct	Gardner	JOC	19 (1954)	213
$C_{13}H_{16}O_4$	8-Hydroxy-5,7-dimethoxy-2-methyltetralone	-	Sol	H bond, Ring size effect	Farmer	JCS	- (1956)	3600
$C_{13}H_{16}O_4$	Mesitylsuccinic acid	-	-	Band study	Fuson	JACS	74 (1952)	1631
$C_{13}H_{16}O_5$	5-Carbethoxy-4-hydroxy-5-phenyl-1,3-dioxane	-	S	Table, Group freq	Friedmann	JCS	- (1954)	3687
$C_{13}H_{16}O_5$	4,5,6-Trimethoxyindane-2-carboxylic acid	-	Sol	Group freq	Koo	JACS	75 (1953)	1889

$C_{13}H_{16}O_6S$	4-Diacetoxymethylphenyl ethyl sulfone	-	S,Sol	Substitution effect	Momose	CPBT	6 (1958)	412
$C_{13}H_{16}O_7$	D-Talopyranose-1-benzoate	2-15 μ	S	Spec, Config	Isbell	JRNB	57 (1956)	179
$C_{13}H_{17}BrO$	α-Hydroxy-p-bromobenzyl-cyclohexane	2.5-3.5 μ	S,Sol	H bond	Huitric	JACS	78 (1956)	1147
$C_{13}H_{17}BrOS$	Hexylthio p-bromo-benzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_{17}ClO$	α-Hydroxy-p-chlorobenzyl-cyclohexane	2-3.5 μ	S,Sol	H bond	Huitric	JACS	78 (1956)	1147
$C_{13}H_{17}ClOS$	Hexylthio m-chloro-benzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_{17}FOS$	Hexylthio o-fluoro-benzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_{17}IN_2O$	3-Trimethylammonium-acetylindole iodide	700-4000	S	Spec, Freq	Tanner	SA	9 (1957)	282
$C_{13}H_{17}IO$	α-Hydroxy-p-iodobenzyl-cyclohexane	2-3.5 μ	S,Sol	H bond	Huitric	JACS	78 (1956)	1147
$C_{13}H_{17}IOS$	Hexylthio m-iodobenzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_{17}IOS$	Hexylthio o-iodobenzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{13}H_{17}N$	Benzo[c]-1-azabicyclo [5,3,0]decane	-	L	Ident	Leonard	JACS	76 (1954)	3193
$C_{13}H_{17}N$	2-Isopropyl-3,3-dimethyl-indolenine	2-12 μ	Sol	Spec, Struct, Band freq	Witkop	JACS	73 (1951)	2188
$C_{13}H_{17}NO$	5-Amino-4-(3-methoxy-phenyl)cyclohexene	2-15 μ	S	Ident	Wildman	JACS	76 (1954)	152
$C_{13}H_{17}NO$	N-Cyclohexylbenzamide	-	Sol	Stretch freq	Bourne	JCS	- (1952)	4014

$C_{13}H_{17}NO$	Cyclopropyl-3-phenyl-2-amino-1-cyclopropyl-carbinol	-	-	Spec, Band freq	Smith	JACS	73 (1951) 3837
$C_{13}H_{17}NO$	1-Ethyl-2-phenyl-3-piperidone	-	-	Group freq	Leonard	JACS	75 (1953) 3727
$C_{13}H_{17}NO$	Piperidinomethyl phenyl ketone	700-4000	Sol	Spec, Freq	Adelfang	JACS	82 (1960) 4241
$C_{13}H_{17}NO$	Spiro-(cyclopentane-1,3'-N-methyl-2'-hydroxy-indole	-	-	Group & Band freq	Witkop	JACS	75 (1953) 2572
$C_{13}H_{17}NO_2$	5-Benzamidohexanone-2	2-11μ	Sol	Spec, Band freq	Evans	JACS	73 (1951) 5230
$C_{13}H_{17}NO_2S$	β-Benzylsulfonyl-α-iso-propylpropionitrile	-	-	Spec	Ross	JACS	73 (1951) 540
$C_{13}H_{17}NO_5$	Ethyl 2-carbethoxy-3,5-dimethylpyrrolyl-glyoxylate	-	S,Sol	Group freq	Cookson	JCS	- (1953) 2789
$C_{13}H_{17}NO_5$	4-(3-Methoxyphenyl)-5-nitro-1,2-cyclohexanediol	2-15μ	S	Ident	Wildman	JACS	76 (1954) 152
$C_{13}H_{17}NO_6$	2,4-Dicarbethoxy-5-carbomethoxy-3-methyl-pyrrole	500-4000	Sol	Spec, Freq	Eisner	JCS	- (1958) 971
$C_{13}H_{17}NS$	β-Benzylmercapto-α-iso propylpropionitrile	650-3600	L	Spec	Ross	JACS	73 (1951) 540
$C_{13}H_{17}N_3O_2$	5-Methoxy-2,3-dimethyl-indanone semicarbazone	-	S	Ident	Conover	JACS	75 (1953) 4017
$C_{13}H_{17}N_5$	1-Cyclohexyl-5-phenyl-aminotetrazole	6-14μ	S	Spec	Finnegan	JACS	77 (1955) 4420

$C_{13}H_{17}N_5$	1-Phenyl-5-cyclohexyl-aminotetrazole	6-14 μ	S	Spec	Finnegan	JACS	77 (1955)	4420
$C_{13}H_{17}N_5OS \cdot HCl$	5-(3-Guanidopropyl)-3-phenyl-2-thiohydantoin hydrochloride	2.5-15 μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{13}H_{17}N_5O_8$	Di-isopropylisonitramine	600-1600	L,S, Sol	Freq	George	CJC	37 (1959)	679
$C_{13}H_{17}N_5O_8$	Di-n-propylisonitramine	600-1600	L,S, Sol	Freq	George	CJC	37 (1959)	679
$C_{13}H_{18}$	1-Methyl-1-phenyl-cyclohexane	7.5-14.5 μ	L	Spec, Anal	Ipatieff	JACS	72 (1950)	2772
$C_{13}H_{18}NO_4$	4-Amino-5-(3,4'-methylene-dioxyphenyl)-1,2-cyclohexanediol	700-1500	S	Group freq	Briggs	AC	29 (1957)	904
$C_{13}H_{18}N_2O$	N-(2-Hydroxycyclohexyl) benzamidine	780-3350	S	Group freq	McCasland	JACS	73 (1951)	3744
$C_{13}H_{18}N_2O_2$	N-Acetyl-N'-propionyl-N,N'-dimethyl-o-phenylenediamine	2-15 μ	Sol	Absorption freq, Struct anal	Smith	JACS	71 (1949)	1082
$C_{13}H_{18}N_2O_2$	N^{ϵ}-Benzylidene-l-lysine	-	S	Group freq, I	Witkop	JACS	76 (1954)	5589
$C_{13}H_{18}N_2O_2S \cdot 2HBr$	1-(2-Pyridylthio)-4-morpholino-2-butanone dihydrobromide	-	Sol	Group freq	Djerassi	JACS	76 (1954)	4470
$C_{13}H_{18}N_2O_3$	N^{ϵ}-Salicylidene-l-lysine	-	S	Group freq, I	Witkop	JACS	76 (1954)	5589
$C_{13}H_{18}N_2O_4$	Diethyl bis-(2-cyano-[illegible]	2-15 μ	S	Spec, Freq	Abramovitch	CJC	36 (1958)	151

$C_{13}H_{18}N_2O_4 \cdot HCl$	2-(p-Nitrophenylcarboxy)-triethylamine hydrochloride	2-8 μ	Sol	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{13}H_{18}N_4O_2$	N^{α}-Benzylidene-l-arginine	-	S	Group freq, I	Witkop	JACS	76 (1954)	5589
$C_{13}H_{18}N_4O_4$	Di-n-propyl ketone-2,4-dinitrophenylhydrazone	6-15 μ	S,Sol	Spec, Table	Ross	AC	25 (1953)	1288
		2-15 μ	S	Spec, Ident	Jones	AC	28 (1956)	191
$C_{13}H_{18}N_4O_4$	Methyl n-amyl ketone-2,4-dinitrophenylhydrazone	6-15 μ	S	Spec, Table	Ross	AC	25 (1953)	1288
$C_{13}H_{18}N_4O_7$	2,6-Dimethylpiperidine picrate	2-15 μ	-	Ident	Overberger	JACS	77 (1955)	4097
		2-15 μ	-	Ident	Overberger	JACS	77 (1955)	4100
$C_{13}H_{18}O$	Butyl p-xylyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{13}H_{18}O$	2-Cyclohexyl-4-methylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294
$C_{13}H_{18}O$	2-Cyclohexyl-5-methylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294
$C_{13}H_{18}O$	3-Cyclohexyl-4-methylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294
$C_{13}H_{18}O$	Dehydro-β-ionone	-	L	Band & Group freq, Table	Farrar	JCS	- (1952)	2657
$C_{13}H_{18}O$	γ,γ-Dimethylvalerophenone	-	-	Ident	Wiberg	JACS	77 (1955)	1159
$C_{13}H_{18}O$	Hexyl phenyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{13}H_{18}O$	6-Methoxy-1,1-dimethyltetralin	1000-3000	Sol	Spec	Armour	HCA	42 (1959)	2233
$C_{13}H_{18}O$	2-Methyl-4-cyclohexylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294

$C_{13}H_{18}O$	2-Methyl-6-cyclohexyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{13}H_{18}O$	4-Methyl-4-phenyl-3-hexanone	2-14.5μ	L	Spec, Anal, Ext coeff	Cram	JACS	74 (1952) 5839
$C_{13}H_{18}O$	Phenylcyclohexylmethanol	665-5000	S,L	Group freq	Zeiss	JACS	75 (1953) 897
$C_{13}H_{18}O$	α-(1-Phenylcyclopentyl) ethanol	-	-	Band freq	Smith	JACS	76 (1954) 4564
$C_{13}H_{18}O$	1-(α-Phenylethyl)cyclo-pentanol	-	-	Band freq	Smith	JACS	76 (1954) 4564
$C_{13}H_{18}O$	1-Phenyl-2-methylcyclo-hexanol	-	-	Band freq	Smith	JACS	76 (1954) 4564
$C_{13}H_{18}O$	1-Phenyl-2-methyl-2-ethyl-1-butanone	2-14.5μ	L	Spec, Anal, Ext coeff	Cram	JACS	74 (1952) 5839
$C_{13}H_{18}O$	1,2,2,3-Tetramethyl-1-phenyltrimethylene oxide	3.4-14.3μ	-	Table	Buchi	JACS	76 (1954) 4327
$C_{13}H_{18}O$	o-Tolyl isoamyl ketone	-	-	Group freq	Pickard	JACS	76 (1954) 5169
$C_{13}H_{18}OS$	Hexylthio benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959) 514
$C_{13}H_{18}O_2$	Ethyl 2-methyl-5-iso-propylbenzoate	2-13μ	-	Spec	Adams	JACS	70 (1948) 3937
$C_{13}H_{18}O_2$	Ethyl 3-methyl-6-iso-propylbenzoate	2-13μ	-	Spec	Adams	JACS	70 (1948) 3937
$C_{13}H_{18}O_2$	Isobutyl β-phenylpro-pionate	800-1500 -	Sol -	Group assign Assign	Katritzky Katritzky	SA SA	16 (1960) 954 16 (1960) 964
$C_{13}H_{18}O_2$	3-Methyl-5-hydroxy-5-phenylhexanol	-	-	Band study	Smith	JACS	73 (1951) 5273

$C_{13}H_{18}O_3$	trans-1-Acetoxy-2-keto-10-methyl- Δ^3-octahydronaphthalene	2-12μ	Sol	Band freq	Woodward	JACS	74 (1952) 4223
$C_{13}H_{18}O_3$	Norcedrenedicarboxylic anhydride	-	-	Band freq, Ident	Stork	JACS	75 (1953) 3291
		-	-	Ident	Stork	JACS	75 (1953) 1072
$C_{13}H_{18}O_3S$	3,3-Dimethyl-1-p-toluenesulfonyl-2-butanone	-	L	Group freq	Leonard	JACS	77 (1955) 3272
$C_{13}H_{18}O_4$	4-Ethoxycarbonyl-2,5-dihydro-3-methyl-5-oxofuran-2-spirocyclohexane	1000-1800	Sol	Spec, Freq	Lacey	JCS	- (1960) 3153
$C_{13}H_{18}O_4$	Ethyl trans-5,6,7,8,9,10-hexahydro-2-methylchromone-3-carboxylate	1500-2000	S	Band freq	Kidd	JCS	- (1953) 3244
$C_{13}H_{18}O_5$	1-Dihydroumbellulonylmalonic acid	-	S	Group freq	Eastman	JACS	76 (1954) 4115
$C_{13}H_{18}O_6$	2,3,4-Trimethoxybenzyl ethyl carbonate	868-2925	Sol	Table, Struct, Ident	Gutsche	JACS	76 (1954) 1776
$C_{13}H_{18}O_9$	Tetracetyl-α-L-arabinose	8-15μ	S	Spec	Kuhn	AC	22 (1950) 276
		-	Sol	Anal, Band freq, I	Whistler	AC	25 (1953) 1463
$C_{13}H_{18}O_9$	1,2,3,4-Tetra-O-acetyl-α,D-arabopyranose	-	S	Band freq, I	Barker	JCS	- (1954) 3468
$C_{13}H_{18}O_9$	Tetracetyl-α,D-lyxose	2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953) 1463
$C_{13}H_{18}O_9$	1,2,3,4-Tetra-O-acetyl-β,L-xylopyranose	-	S	Band freq, I	Barker	JCS	- (1954) 3468
$C_{13}H_{18}O_9$	1,2,3,4-Tetraacetyl-D-xylose	-	Sol	Anal, Band freq, I	Whistler	AC	25 (1953) 1463

$C_{13}H_{19}BrO_8$	Methyl 2,3,4-tri-O-acetyl-6-bromo-6-deoxy-β-D-glucopyranoside	-	S	Band freq, I	Barker	JCS	-	(1954)	3468
$C_{13}H_{19}Cl_3OSi$	Trichlorosilylheptyl pentyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{13}H_{19}N$	Diethylcinnamylamine	-	-	Ident	Snyder	JACS	76	(1954)	1893
$C_{13}H_{19}N$	N,N-Dimethyl-γ-cycloocta-tetraenyl-n-propylamine	2-16μ	L	Spec	Cope	JACS	75	(1953)	3220
$C_{13}H_{19}N$	o-Tolyl isoamyl ketimine	-	-	Group freq	Pickard	JACS	76	(1954)	5169
$C_{13}H_{19}NO$	N-(t-Amyl)phenylaceta-mide	1500-3600 3μ	S,Sol Sol	Spec, Assign Band study	Richards Russell	JCS SA	- 8	(1947) (1956)	1248 138
$C_{13}H_{19}NO$	3,3-Dimethyl-1-(N-methyl-anilino)-2-butanone	-	L,S	Group freq	Leonard	JACS	77	(1955)	3272
$C_{13}H_{19}NO_2$	Alkaloid of Dioscorea hispida, Dennstedt	-	S,L	Stretch freq, Struct	Pinder	JCS	-	(1952)	2236
$C_{13}H_{19}NO_3$	5-Amino-4(3-methoxyphenyl)-1,2-cyclohexanediol	2-15μ	S	Substitution effect	Wildman	JACS	76	(1954)	152
$C_{13}H_{19}NO_4$	3,5-Dicarbethoxy-2,6-dimethyl-1,4-dihydro-pyridine	-	S	Band freq	Berson	JACS	77	(1955)	444
$C_{13}H_{19}NO_4$	3,5-Dicarbethoxy-1,2,4-trimethylpyrrole	500-4000	S,Sol	Spec, Freq, Assign	Eisner	JCS	-	(1958)	971
$C_{13}H_{19}N_3O_3$	N-Acetyl-1-(β,β-Diethoxy-ethyl)-2-amino-4-cyano-pyrrole	2-16μ	-	Spec	Grob	HCA	37	(1954)	1256
$C_{13}H_{19}N_3O_4 \cdot HCl$	Pyrazine-2,3-dicarbxylic acid, 2-methyl ester, 3-β-diethylaminoethyl ester, hydrochloride	1500-2000	S	Spec, Group freq	Solomons	JACS	75	(1953)	679

$C_{13}H_{19}N_5O_4S$	2-Methylmercapto-6-dimethylamino-9-β-D-ribofuranosylpurine	-	S	Group freq	Kissman	JACS	77 (1955)	18
$C_{13}H_{19}O_4P$	Diethyl 2-benzoylethylphosphonate	-	-	Band freq	Myers	JACS	77 (1955)	3101
$C_{13}H_{20}$	m-t-Butylisopropylbenzene	-	-	Band freq	Hennion	JOC	17 (1952)	1102
$C_{13}H_{20}$	p-t-Butylisopropylbenzene	-	-	Band freq	Hennion	JOC	17 (1952)	1102
$C_{13}H_{20}$	1,3-Diisopropyl-5-methylbenzene	-	Sol	Spec, Assign	McCaulay	JACS	76 (1954)	2354
$C_{13}H_{20}$	1-Methyl-3,5-diisopropylbenzene	700-1000	S,Sol	Bending freq	Bellamy	JCS	- (1955)	2818
$C_{13}H_{20}$	Tridecadiyne-5,8	2-16μ	L	Spec, Group freq	Gensler	JACS	77 (1955)	3076
$C_{13}H_{20}Cl_2O_3$	bis-Chlorocyclohexyl carbonate	-	S	Freq, Struct	Hales	JCS	- (1957)	618
$C_{13}H_{20}IN_3O$	2-(4-Methyl-6-hydroxy-2-pyrimidyl-4-azaspiro [3.5] nonane iodide	-	-	Band study, Struct	Snyder	JACS	76 (1954)	118
$C_{13}H_{20}N_2$	1-(2-Anilinoethyl) piperidine	3.38-3.60μ	S	Freq	Wright	JOC	24 (1959)	1362
$C_{13}H_{20}N_2O$	N-(N'-N'-Diethylacetamido) benzylamine	-	-	Spec	Larriza	GCI	90 (1960)	848
$C_{13}H_{20}N_2O$	N-(2-Methylaminopropyl) propionanilide	3.38-3.60μ	S	Freq	Wright	JOC	24 (1959)	1362
$C_{13}H_{20}N_2O.HCl$	β-(p-Aminobenzoyl) triethylamine hydrochloride	2-8μ	Sol	Spec	Nakanishi	BCSJ	30 (1957)	403

$C_{13}H_{20}N_2OS \cdot 2HBr$	1-(2-Pyridylthio)-4-diethylamino-2-butanone dihydrobromide	-	Sol	Group freq	Djerassi	JACS	76 (1954) 4470
$C_{13}H_{20}O$	2-t-Butyl-4-ethyl-5-methylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{13}H_{20}O$	2-t-Butyl-4-isopropyl-phenol	650-1440	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{13}H_{20}O$	2,5-Dihydro-4-cyclohexyl-anisole	-	Sol	Band freq	Wilds	JACS	75 (1953) 5360
$C_{13}H_{20}O$	2,4-Diisopropyl-5-methyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{13}H_{20}O$	2,5-Diisopropyl-4-methyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{13}H_{20}O$	2,6-Diisopropyl-4-methyl-phenol	3500-3800	Sol	Freq, Hammett const	Puttnam	JCS	- (1960) 5100
$C_{13}H_{20}O$	1,4,5,6,7,8-Hexahydro-2-methoxy-5,5-dimethyl-naphthalene	700-3000	Sol	Spec	Armour	HCA	42 (1959) 2233
$C_{13}H_{20}O$	α-Ionone	1700-700	-	Spec	Naves	CPR	238 (1954) 1308
$C_{13}H_{20}O$	β-Ionone	- 1700-700	L -	Group freq, Table Spec	Farrar Naves	JCS CPR	- (1952) 2657 238 (1954) 1308
$C_{13}H_{20}O$	2-Methyl-4-t-butyl-5-ethylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{13}H_{20}O$	2-Methyl-4,6-diisopropyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{13}H_{20}O$	2-Methyl-4-ethyl-6-t-butyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294

$C_{13}H_{20}O_2$	Alloocimenecarbinol acetate	-	L	Spec	Bain	JACS	74	(1952)	4292
$C_{13}H_{20}O_2$	p-t-Amylphenoxyethanol	2-15μ	L	Spec	Kendall	APS	7	(1953)	179
$C_{13}H_{20}O_2$	3,5-Di-t-butylcoumalin	-	-	Band study	Campbell	JACS	73	(1951)	4190
$C_{13}H_{20}O_2$	Dipentene-7-carbinol acetate	-	L	Spec	Bain	JACS	74	(1952)	4292
$C_{13}H_{20}O_2$	Tridec-2-en-5-ynoic acid	2-16μ	Sol	Spec, Group freq	Celmer	JACS	75	(1953)	3430
$C_{13}H_{20}O_3$	1-Acetoxyacetylhexa-hydroindane	-	Sol	Group study	Coles	JCS	-	(1954)	2617
$C_{13}H_{20}O_3$	4-t-Butylperoxy-2,4,6-trimethyloyclohexa-2,5-dienone	5.7-6.2μ	Sol	Group study	Bickel	JCS	-	(1953)	3211
$C_{13}H_{20}O_3$	Ethyl orthobenzoate	1010-1200	Sol	Spec, Struct	Bergmann	JACS	73	(1951)	2352
$C_{13}H_{20}O_3$	1,6,6-Trimethyl-4-oxo-2-isopropyloyclohex-2-enecarboxylic acid	-	S	Group freq, I	Braude	JCS	-	(1954)	607
$C_{13}H_{20}O_3S$	α, α, β-Trimethyl-β-hydroxy-n-propyl p-tolyl sulfone	-	-	Group freq	Field	JACS	75	(1953)	5582
$C_{13}H_{20}O_4$	4-Carboxy-3-methylhexa-hydroindane-2-acetio acid	-	S	Group freq	Pasternack	JACS	74	(1952)	1928
$C_{13}H_{20}O_4$	3-(2,2-Dimethyl-6-hydroxy-6β-carboxymethylcyclo-hexyl)propionio acid lactone	2.5-16μ	S	Spec, Group freq	Stauffacher	HCA	37	(1954)	1227

$C_{13}H_{20}O_4$	Ethyl trans-5,6,7,8,9,10-hexahydro-2-methyl-chroman-4-one-3-carboxylate	1500-2000	S	Band freq	Kidd	JCS	- (1953) 3244
$C_{13}H_{20}O_4$	5-Methylperhydro-(4aα, 8aα)naphthalene-1β, 4β-diol-6-one-1-acetate	-	-	Group study	Beyler	JACS	74 (1952) 1406
$C_{13}H_{20}O_4$	5-Methylperhydro-(4aα,8aα) naphthalene-1β,4β-diol-6-one-4-acetate	-	-	Group study	Beyler	JACS	74 (1952) 1406
$C_{13}H_{20}O_4$	5-Methylperhydro-(4aβ, 8aβ) naphthalene-1α, 4α-diol-6-one-4-acetate	-	-	Group study	Beyler	JACS	74 (1952) 1406
$C_{13}H_{20}O_5$	Diethyl cyclohexanone-2-acetate-2-carboxylate	-	L	Table, Band freq	Leonard	JACS	74 (1952) 4070
$C_{13}H_{20}O_5$	Diethyl cyclohexanone-6-acetate-2-carboxylate	-	L	Table, Band freq	Leonard	JACS	74 (1952) 4070
$C_{13}H_{20}O_5$	Diethyl cyclopentanone-2-carboxylate-2-β-propionate	-	L	Table, Band freq	Leonard	JACS	74 (1952) 4070
$C_{13}H_{20}O_5$	Diethyl cyclopentanone-2-carboxylate-5-β-propionate	-	L	Table, Band freq	Leonard	JACS	74 (1952) 4070
$C_{13}H_{20}O_8$	6-Deoxy-L-mannopyranose-1,2-(methyl orthoacetate) diacetate	2-15μ	S	Spec	Tipson	JRNB	62 (1959) 257
$C_{13}H_{20}O_8$	Methyl triacetyl-α-L-rhamnoside	-	S	Band freq, I	Barker	JCS	- (1954) 3468
		2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953) 1463
$C_{13}H_{20}O_8$	Methyl triacetyl-β-L-rhamnoside	2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953) 1463

$C_{13}H_{20}O_8$	Pentaerythritol tetra-acetate	1075-1125	Sol	Anal	Jaffe	AC	23 (1951) 1164
$C_{13}H_{20}O_9$	Methyl 2,3,4-tri-O-acetyl-α-D-mannopyranoside	-	S	Band freq, I	Barker	JCS	- (1954) 3468
$C_{13}H_{20}O_9$	Methyl 2,3,4-tri-O-acetyl-β-D-glucopyranoside	-	S	Band freq, I	Barker	JCS	- (1954) 3468
$C_{13}H_{21}N$	3-s-Butylidene-5-ethyl-5-methyl-2-vinylpyrroline	6.29μ	Sol	Substitution effect	Meyers	JOC	24 (1959) 1233
$C_{13}H_{21}N$	2,6-Di-t-butylpyridine	2-15μ	L	Group freq	Podall	AC	29 (1957) 1423
$C_{13}H_{21}N$	Base from Dioscorine	-	-	Band freq, Ident	Pinder	JCS	- (1953) 1825
$C_{13}H_{21}N$	Base from Dioscorea alkaloid	-	-	Band freq	Pinder	JCS	- (1953) 1825
$C_{13}H_{21}NO$	2,5,5-Trimethyl-3-N-pyrrolidylcyclohex-2-ene-1-one	-	Sol	Freq, Struct	Leonard	JACS	81 (1959) 595
$C_{13}H_{21}NO_2$	Dihydro alkaloid of dioscorea hispida, denstedt	-	L,S	Stretch freq, Struct	Pinder	JCS	- (1952) 2236
$C_{13}H_{21}NO_3$	1,4-Diethyl-4-s-amyl-2,3,5-pyrrolidinetrione	-	-	Spec	Skinner	JACS	72 (1950) 5569
$C_{13}H_{21}NO_3$	1-Isopropyl-4-ethyl-4-n-butyl-2,3,5-pyrrolidinetrione	-	-	Spec	Skinner	JACS	72 (1950) 5569
$C_{13}H_{21}NO_5S$	2,2-bis-(2-carboxyethyl)-4-thiazolidone diethyl ester	-	Sol	Group freq	Pennington	JACS	75 (1953) 109
$C_{13}H_{22}$	2-Methyldodec-1-en-11-yne	-	-	Anal	Black	JCS	- (1953) 1785

$C_{13}H_{22}N_2$	Dicyclohexylcarbodiimide	- 2300-2000	- Sol	Group freq Stretch freq	Khorana Meakins	CR JCS	53 (1953) - (1957)	145 993
$C_{13}H_{22}N_2$	Dicyclohexyl cyanamide	1025-1700	-	Spec	Barnes	IEC	15 (1943)	659
$C_{13}H_{22}N_2O_4S_2$	cis-N,N'-Dimethyl-N,N'-dimethylsulfonyl-diaminomesitylene	-	-	Iso	Adams	JACS	75 (1953)	2375
$C_{13}H_{22}N_2O_4S_2$	trans-N-N'-Dimethyl-N,N'-dimethylsulfonyldiamino-mesitylene	-	-	Iso	Adams	JACS	75 (1953)	2375
$C_{13}H_{22}N_2O_8$	Diethyl (γ-hydroxy-δ-nitro-n-butyl)acetamido-malonate	-	-	Group freq	Vanzyl	JACS	73 (1951)	1765
$C_{13}H_{22}O$	4-(2,2-Dimethyl-6-methyl-enecyclohexyl)-2-butanone	2.5-16 μ	-	Spec, Group freq	Stauffacher	HCA	37 (1954)	1227
$C_{13}H_{22}O$	1,2,3,4,5,6,7,8-Octa-hydro-2-hydroxy-2,5,5-trimethylnaphthalene	800-4000	Sol	Spec	Armour	HCA	42 (1959)	2233
$C_{13}H_{22}O$	Δ^8-2,5,5-Trimethyl-octahydro-2-naphthol	800-4000	Sol	Inductive effect	Armour	HCA	42 (1959)	2233
$C_{13}H_{22}OSi$	Trimethylsilylbutyl phenyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{13}H_{22}O_2$	1-Acetoxy-1-ethyl-hexahydroindane	-	Sol	Group freq	Coles	JCS	- (1954)	2617
$C_{13}H_{22}O_2$	2-Heptyl-cyclohexane-1,3-dione	1800-1500	Sol	Spec, Solvent effect	Delvaux	SA	12 (1958)	289
$C_{13}H_{22}O_2$	Methyl 2,4-dodecadienoate	9-3 μ	Sol	Spec	Holman	AC	28 (1956)	1533

$C_{13}H_{22}O_3$	trans-10-Hydroxymethyl-2-decalone-2-dioxolane	2.92-10.9μ	Sol	Table, I	Dreiding	JACS	77 (1955)	411
$C_{13}H_{22}O_3$	5-Methyl-4β,6β-epoxy-6-ethoxyperhydro-(4aα, 8aα)naphthalene-1β-ol	-	-	Band study	Beyer	JACS	74 (1952)	1406
$C_{13}H_{22}O_3Si$	Ethyl 2-(β-trimethylsilyl-ethyl)-5-methyl-3-furoate	-	-	Group freq	Sommer	JACS	76 (1954)	1606
$C_{13}H_{22}O_4$	Nonyl fumarate	2-15μ	L	Assign, Generalisation	Walton	JACS	79 (1957)	3985
$C_{13}H_{22}O_5$	3-(2,2-Dimethyl-6-hydroxy-6β-carboxymethyl-cyclohexyl)propionic acid	2.5-16μ	S	Spec, Group freq	Stauffacher	HCA	37 (1954)	1227
$C_{13}H_{22}BrO$	2-Bromocyclotridecanone	-	Sol	Freq	Leonard	JACS	80 (1958)	6039
$C_{13}H_{23}NO$	N-Isobutyl-trans-2-cis-6-nonadienamide	-	-	Band study	Crombie	JCS	- (1952)	2997
$C_{13}H_{23}NO$	N-Isobutyl-trans-2-trans-6-nonadienamide	-	-	Band study	Crombie	JCS	- (1952)	2997
$C_{13}H_{23}NOS$	2-(Δ^9-n-Decenyl)-4-thiazolidone	-	Sol	Band freq	Pennington	JACS	75 (1953)	109
$C_{13}H_{23}NO_3S$	2-(8-Carboxyoctyl)-4-thiazolidone methyl ester	-	Sol	Band freq	Pennington	JACS	75 (1953)	109
$C_{13}H_{23}NO_4$	Diethyl piperidyl-1,4-diacetate	-	L	Band freq	Leonard	JACS	75 (1953)	6249
$C_{13}H_{24}$	Dicyclohexylmethane	-	-	Band freq, Absorbance	Bomstein	AC	25 (1953)	512
		700-5000	Sol	Quant anal	Pinchas	AC	30 (1958)	1863
		15-35μ	S,Sol	Spec, Struct	Bentley	SA	15 (1959)	165

$C_{13}H_{24}$	Isopropyldecalin	8000-9000	Sol	Anal	Hibbard	AC	21 (1949)	486
$C_{13}H_{24}$	3-Methylbicyclohexyl	8000-9000	Sol	Anal	Hibbard	AC	21 (1949)	486
$C_{13}H_{24}$	1-Methyl-2-cyclohexyl-cyclohexane	15-35 μ	S,Sol	Spec, Struct	Bentley	SA	15 (1959)	165
$C_{13}H_{24}N_2O$	Sym-Dicyclohexylurea	700-4000	S	Spec, Group freq	Dekker	JACS	76 (1954)	3522
$C_{13}H_{24}N_2O_5S$	S-Acetylpantetheine	-	-	Group study	Walton	JACS	76 (1954)	1146
$C_{13}H_{24}N_2O_{11}$	Macrozamin	5-9 μ	S	Spec, Struct, Band freq	Laugley	JCS	- (1951)	2309
$C_{13}H_{24}O$	Cyclotridecanone	-	Sol	Carbonyl freq	Leonard	JACS	80 (1958)	6039
		-	Sol	Stretch & Bending freq	Burer	HCA	43 (1960)	1487
$C_{13}H_{24}O_2$	2-Methyl-2-dodecenoic acid	5.5-16 μ	L,Sol	Spec, Struct	Freeman	JACS	75 (1953)	1859
		-	Sol	Band freq	Cason	JOC	19 (1954)	1836
$C_{13}H_{24}O_2$	2-Methylenedodecanoic acid	5.5-16 μ	L,Sol	Spec, Struct	Freeman	JACS	75 (1953)	1859
$C_{13}H_{24}O_2$	2,5,5-Trimethyl-2,9-dihydroxydecahydro-naphthalene	800-4000	Sol	Spec	Armour	HCA	42 (1959)	2233
$C_{13}H_{24}O_3$	14-Hydroxy-4-oxatetra-decanoic acid lactone	5.4-10.8 μ	-	Spec	Allen	JOC	14 (1949)	754
$C_{13}H_{24}O_3$	Methyl α-t-butyl-trimethyllevulinate	-	-	Group freq	Wiberg	JACS	76 (1954)	5367
$C_{13}H_{24}O_4$	Diethyl azelate	800-1800	L	Spec, Ident	Stafford	AC	26 (1954)	656
		670-3500	L,S	Spec, Config	Corish	JCS	- (1958)	927
$C_{13}H_{24}O_5$	Methyl mycarose-4-iso-valerate	-	-	Ident	Hochstein	JACS	76 (1954)	5080

$C_{13}H_{25}ClO_2$	Dodecyl chloro carbonate	-	S	Band freq	Ory	SA	16 (1960)	1488
$C_{13}H_{25}N$	ω-Cyclohexylethyl s-butyl ketimine	-	-	Group freq	Pickard	JACS	76 (1954)	5169
$C_{13}H_{25}N$	1-Piperidino-2-ethyl-1-hexene	-	-	Spec	Opitz	A	623 (1959)	112
$C_{13}H_{25}NO_2$	1-Methyl-1-azacyclotridecan-7-ol-8-one	-	Sol	Group freq	Leonard	JACS	76 (1954)	5708
$C_{13}H_{25}NS$	Dodecyl thiocyanate	1400-1800	L	Spec, Anal	Whiffen	TFS	41 (1945)	200
$C_{13}H_{25}NS$	Dodecyl isothiocyanate	1400-1800	L	Spec, Anal	Whiffen	TFS	41 (1945)	200
$C_{13}H_{26}$	2-t-Butyl-3,3,4,4-tetramethyl-1-pentene	-	-	Group freq	Bartlett	JACS	77 (1955)	2806
$C_{13}H_{26}$	Cyclotridecane	650-1600	L,S	Spec	Billetter	HCA	41 (1958)	338
$C_{13}H_{26}$	3-Isoamyl-6-methyl-2-heptene	-	-	Spec, Ident, Anal	Cronyn	JACS	74 (1952)	1225
$C_{13}H_{26}$	1-Tridecene	-	-	Band assign	Harrah	JCP	33 (1960)	298
$C_{13}H_{26}N_6$	Diamylmelamine	1050-1800	-	Spec	Barnes	IEC	15 (1943)	659
$C_{13}H_{26}O$	2-t-Butyl-1:2-epoxy-3,3,4,4-tetramethyl-pentane	-	-	Group freq	Bartlett	JACS	77 (1955)	2806
$C_{13}H_{26}O$	2-Tridecanone	2-16 μ	Sol	Spec, Group freq	Hoerr	JPC	59 (1955)	457
$C_{13}H_{26}O_2$	Methyl laurate	1300-1800	-	Spec	Barnes	IEC	15 (1943)	659
		1-12 μ	Sol	Spec, Table, Ext coeff	O'Connor	JAOC	28 (1951)	154
		6.83-11.6	L	Spec, Table, Freq, I	Fowler	JOSA	43 (1953)	1054
$C_{13}H_{26}O_2$	n-Tridecanoic acid	2-15 μ	S	Spec, Quant anal	Meiklejohn	AC	29 (1957)	329
		650-4000	S	Spec, Freq	Susi	JAOC	37 (1960)	431

$C_{13}H_{26}O_6$	Methyl 2,3,6-triethyl-β-D-glucoside	8-15μ	S	Spec	Kuhn	AC	22 (1950)	276
$C_{13}H_{27}Cl_3OSi$	Trichlorosilylnonyl butyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{13}H_{27}Cl_3OSi$	Trichlorosilylundecyl ethyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{13}H_{27}N$	Hexahydro-base from dioscorea alkaloid	-	-	Band freq	Pinder	JCS	- (1953)	1825
$C_{13}H_{27}NO$	cis-2-Aminocyclotri-decanol	-	Sol	Freq, Assign, Shift	Sicher	CCCC	24 (1959)	950
$C_{13}H_{27}NO$	trans-2-Aminocyclotri-decanol	-	Sol	Freq, Assign, Shift	Sicher	CCCC	24 (1959)	950
$C_{13}H_{27}NO$	3,3-Dimethyl-1-n-heptyl-amino-2-butanone	-	S	Group freq	Leonard	JACS	77 (1955)	3272
$C_{13}H_{27}O_3B$	1-Ethoxycarbonylethyl dibutylboronite	1500-1800	L	H bond, Carbonyl freq	Duncanson	JCS	- (1958)	3652
$C_{13}H_{28}$	n-Tridecane	1.1-1.25μ 700-3000	L Sol	Absorption coeff, Anal Ext coeff	Evans Jones	AC SA	23 (1951) 9 (1957)	1604 235
$C_{13}H_{28}O$	Tri-t-butylcarbinol	-	-	Group freq	Bartlett	JACS	77 (1955)	2801
$C_{13}H_{28}O_3$	Tributoxymethane	-	Sol	Spec, Freq	Nukada	NKZ	81 (1960)	1028
$C_{13}H_{28}O_4$	1,1,5,5-Tetraethoxy-pentane	-	-	Spec	Hall	JCS	- (1951)	2480
$C_{13}H_{28}Si$	Cyclopentamethylene-dibutylsilane	2-35μ	L	Spec, Assign	Oshesky	JACS	79 (1957)	2057
$C_{13}H_{29}N$	Methyldodecylamine	2-16μ	L	Spec, Group freq	Dubrow	JOC	17 (1952)	1043

$C_{13}H_{30}OSi$	Trimethylsilylhexyl butyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{13}H_{30}OSi$	Trimethylsilylnonyl methyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{13}H_{30}OSi$	Trimethylsilyloctyl ethyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{13}H_{30}OSi$	Methyl-triisobutoxy-silane	750-3000	L	Spec, Table, Group assign	Richards	JCS	-	(1949)	124
$C_{13}H_{30}O_3Si$	Methyl-tri-n-butoxy-silane	750-3000	L	Spec, Table, Group assign	Richards	JCS	-	(1949)	124
$C_{13}H_{34}O_7Si_3$	Trimethylpentaethoxy-trioiloxane	600-3500	L	Spec	Okawara	BCSJ	31	(1958)	154
$C_{13}D_{11}NS$	Thiobenzanilide-d_{11}	600-1700	S,Sol	Spec, Freq, Assign	Hadzi	JCS	-	(1957)	847

C_{14} COMPOUNDS

$C_{14}H_4D_4O_6$	1,4,5,8-Tetrahydroxy-anthraquinone-d_4	700-4000	S	Spec	Hadzi	TFS	50	(1954)	911
$C_{14}H_4F_{22}O_4$	2,2,3,3,4,4,5,5-Octaflur-o-1,6-hexanediol bis-heptafluorobutyrate	-	L	Group freq	Rappaport	JACS	75	(1953)	2695
$C_{14}H_6$	Dimethylhexacetylene	-	-	Freq	Weber	JCP	21	(1953)	1613
$C_{14}H_6D_2O_4$	1,4-Dihydroxyanthra-quinone-d_2	700-4000	S	Spec	Hadzi	TFS	50	(1954)	911
$C_{14}H_6D_2O_4$	1,5-Dihydroxyanthra-quinone-d_2	700-4000	S	Spec	Hadzi	TFS	50	(1954)	911

$C_{14}H_6Cl_2O_2$	1,5-Dichloroanthraquinone	1686	Sol	Freq	Flett	JCS	-	(1948)	1441
$C_{14}H_6Cl_2O_2$	1,8-Dichloroanthraquinone	1691	Sol	Freq	Flett	JCS	-	(1948)	1441
$C_{14}H_6Cl_2O_2$	2,7-Dichloroanthraquinone	1600-1800	Sol	Freq	Josien	JCP	21	(1953)	331
$C_{14}H_6F_6N_2O_4$	4,4'-Dinitro-3,3'-bistri-fluromethyldiphenyl	700-1800	L,S	Freq, I	Randle	JCS	-	(1952)	4153
		-	-	Group freq	Randle	JCS	-	(1955)	1311
$C_{14}H_6O_8$	Ellagic acid	5.0-6.15μ	S	Struct	Stitt	JACS	81	(1959)	4615
$C_{14}H_7BrO_2$	3-Bromo-9,10-phenan-thraquinone	1600-1800	S,Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{14}H_7ClO_2$	1-Chloroanthraquinone	1680	Sol	Group freq	Flett	JCS	-	(1948)	1441
		1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
		2-15μ	S	Freq assign, Ident	Bloom	JCS	-	(1959)	178
$C_{14}H_7ClO_2$	2-Chloroanthraquinone	1680	Sol	Group freq	Flett	JCS	-	(1948)	1441
		1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
		2-15μ	S	Freq assign, Ident	Bloom	JCS	-	(1959)	178
$C_{14}H_7NO_4$	2-Nitroanthraquinone	1684	Sol	Group freq	Flett	JCS	-	(1948)	1441
$C_{14}H_8D_2$	Anthracene-9,10-d_2	-	Sol	Group freq, Assign, Struct	Gold	JACS	75	(1953)	4543
$C_{14}H_8Br_2O_4$	Di-(p-bromobenzoyl) peroxide	-	Sol	Group freq	Davison	JCS	-	(1951)	2456
$C_{14}H_8Br_2O_4$	2,2'-Dibromo-4,4'-di-carboxydiphenyl	-	-	Freq, FC	Westheimer	JCP	15	(1947)	252
$C_{14}H_8Cl_2O_4$	Di-(m-chlorobenzoyl) peroxide	-	Sol	Group freq	Davison	JCS	-	(1951)	2456
$C_{14}H_8Cl_2O_4$	Di-(p-chlorobenzoyl) peroxide	-	Sol	Group freq	Davison	JCS	-	(1951)	2456

$C_{14}H_8Cl_4$	1,1-Dichloro-2,2-bis-(p-chlorophenyl)ethylene	7-15 μ	Sol	Spec	Downing	IEC	18	(1946) 461
		-	Sol	Analysis	McDonald	AC	29	(1957) 339
$C_{14}H_8Cl_4O_2$	1,2,3,4-Tetrachloro-5,6-dioxo-7-phenyl bicyclo [2.2.2]octa-2-ene	-	S	Group freq	Burnell	JCS	-	(1955) 2054
$C_{14}H_8Cl_4O_2 \cdot H_2O$	1,2,3,4-Tetrachloro-5,6-dioxo-7-phenyl bicyclo [2.2.2]oct-2-ene hydrate	-	S	Freq	Burnell	JCS	-	(1955) 2054
$C_{14}H_8F_2O_4$	Di-(p-fluorobenzoyl) peroxide	-	Sol	Group freq	Davison	JCS	-	(1951) 2456
$C_{14}H_8I_2O_4$	Di-(p-iodobenzoyl) peroxide	-	Sol	Group freq	Davison	JCS	-	(1951) 2456
$C_{14}H_8N_2O_2S_2$	Di-(p-cyano)phenyl benzene -thiosulfonate	5.5-24 μ	S	Spec, Freq	Cymerman	JCS	-	(1951) 1332
		7-9 μ	S	Assign	Haszeldine	JCS	-	(1955) 2901
$C_{14}H_8N_2O_4$	9,10-Dinitroanthracene	600-2000	S	Freq, I, Assign	Trotter	CJC	37	(1959) 351
$C_{14}H_8N_2O_8$	Di-(m-nitrobenzoyl) peroxide	-	Sol	Group freq	Davison	JCS	-	(1951) 2456
$C_{14}H_8N_2O_8$	Di-(p-nitrobenzoyl) peroxide	-	Sol	Group freq	Davison	JCS	-	(1951) 2456
$C_{14}H_8N_2S_2$	Di-p-cyanophenyl disulphide	5.5-24 μ	S	Spec, Freq	Cymerman	JCS	-	(1951) 1332
$C_{14}H_8N_2S_4$	2,2'-Dibenzothiazyl disulfide	2800-3500	Sol	Spec, Freq, Struct	Flett	JCS	-	(1953) 347
$C_{14}H_8N_4O_6$	bis-(m-Nitrophenyl) furoxan	-	S	I, Freq	Boyer	JACS	77	(1955) 4238
$C_{14}H_8N_6$	Diphenyl-4,4'-bisdiazo-cyanide	4-14 μ	Sol	Spec, Freq	Anderson	JCS	-	(1947) 445

$C_{14}H_8O_2$	Anthraquinone	1678	Sol	Group freq	Flett	JCS	-	(1948)	1441
		-	-	Group freq	Johnson	JCS	-	(1952)	2672
		1600-1800	Sol	Vibrations	Josien	JCP	21	(1953)	331
		2-16 μ	S	Spec	Tyler	AC	25	(1953)	390
		700-4000	S,Sol	Spec	Hadzi	TFS	50	(1954)	911
		2-15 μ	S	Freq	Bloom	JCS	-	(1959)	178
		-	-	H bond, IR	Shigorin	DANS	132	(1960)	1372
$C_{14}H_8O_2$	1,2-Anthraquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{14}H_8O_2$	1,4-Anthraquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{14}H_8O_2$	1,2-Phenanthraquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{14}H_8O_2$	1,4-Phenanthraquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{14}H_8O_2$	3,4-Phenanthraquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{14}H_8O_2$	9,10-Phenanthraquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{14}H_8O_3$	9-Fluorenone-4-carboxylic acid	5.5-6.5 μ	Sol	Ident	Sawicki	AC	31	(1959)	523
$C_{14}H_8O_3$	9-Fluorenone-1-carboxylic acid	-	S	Group freq	Josien	JACS	73	(1951)	478
		5.5-6.5 μ	Sol	Ident	Sawicki	AC	31	(1959)	523
$C_{14}H_8O_3$	1-Hydroxyanthraquinone	-	Sol	H bond	Hilbert	JACS	58	(1936)	548
		1636	-	Group freq	Flett	JCS	-	(1948)	1441
		1071	S	I	Willis	AJSR	4A	(1951)	172
		700-4000	S,Sol	Spec	Hadzi	TFS	50	(1954)	911
		2-15 μ	S	Freq assign	Bloom	JCS	-	(1959)	178
		-	-	H bond, IR	Shigorin	DANS	132	(1960)	1372
$C_{14}H_8O_3$	2-Hydroxyanthraquinone	1673	-	Group freq	Flett	JCS	-	(1948)	1441
		2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_3$	1-Hydroxy-9,10-phenan-	1600-1800	S,Sol	Group freq	Josien	JCP	21	(1953)	331

$C_{14}H_8O_3$	2-Hydroxy-9,10-phenanthraquinone	1600-1800	S,Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{14}H_8O_4$	1,2-Dihydroxyanthraquinone	1660-3380	-	Group freq	Flett	JCS	-	(1948)	1441
		2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_4$	1,3-Dihydroxyanthraquinone	1660-3380	-	Group freq	Flett	JCS	-	(1948)	1441
		2-15μ	S	Freq assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_4$	1,4-Dihydroxyanthraquinone	1627	S	Group freq	Flett	JCS	-	(1948)	1441
		700-4000	S,Sol	Spec	Hadzi	TFS	50	(1954)	911
		2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_4$	1,5-Dihydroxyanthraquinone	1639	-	Group freq	Flett	JCS	-	(1948)	1441
		-	Sol	Freq	Bellamy	JCS	-	(1954)	4487
		700-4000	S	Spec	Hadzi	TFS	50	(1954)	911
		2-15μ	S	Freq assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_4$	1,6-Dihydroxyanthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_4$	1,8-Dihydroxyanthraquinone	1622	-	Group freq	Flett	JCS	-	(1948)	1441
		-	-	H bond, Freq	Pinchas	AC	29	(1957)	334
		2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_4$	2,3-Dihydroxyanthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_4$	2,6-Dihydroxyanthraquinone	2-15μ	S	Freq, Assing	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_4$	2,7-Dihydroxyanthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_4$	3,4-Dihydroxy-9,10-phenanthraquinone	1600-1800	S	Group freq	Josien	JCP	21	(1953)	331
$C_{14}H_8O_4$	Disalicylide	1700-1800	S,Sol	Group freq	Short	JCS	-	(1952)	206

$C_{14}H_8O_4$	3-Hydroxy-2-fluorenone-carboxylic acid	5.5-6.5 μ	Sol	Ident	Sawicki	AC	31	(1959)	523
$C_{14}H_8O_5$	1,2,3-Trihydroxyanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_5$	1,2,4-Trihydroxyanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_5$	1,2,5-Trihydroxyanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_5$	1,2,6-Trihydroxyanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_5$	1,2,7-Trihydroxyanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_5$	1,2,8-Trihydroxyanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_5$	1,3,4-Trihydroxyanthraquinone	1623	-	Group freq	Flett	JCS	-	(1948)	1441
$C_{14}H_8O_5$	1,3,8-Trihydroxyanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_5$	1,4,8-Trihydroxyanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_6$	1,2,5,8-Tetrahydroxyanthraquinone	-	Sol	Freq, Assign	Bellamy	JCS	-	(1954)	4487
$C_{14}H_8O_6$	1,3,5,7-Tetrahydroxy anthraquinone	2-15 μ	Sol	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_8O_6$	1,4,5,8-Tetrahydroxyanthraquinone	1595	-	Group freq	Flett	JCS	-	(1948)	1441
		3-15 μ	S	Low temp. effects	Walsh	JCP	18	(1950)	552
		700-4000	S	Spec	Hadzi	TFS	50	(1954)	911
		2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178

$C_{14}H_8O_8$	1,2,3,5,6,7-Hexahydroxy-anthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{14}H_9D$	9-Anthracene-d_1	-	Sol	Freq, Anal, Struct	Gold	JACS	75	(1953)	4543
$C_{14}H_9BrO_2$	2-Bromo-4-methoxy-1-benzonaphthenone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{14}H_9Br_2F_3O$	Di-p-bromophenyl(trifluoromethyl)carbinol	-	-	Group freq	Kaluszyner	JACS	77	(1955)	4164
$C_{14}H_9ClO$	4-Chloroanthrone	1654	S	Group freq	Flett	JCS	-	(1948)	1441
$C_{14}H_9ClO_2$	6-Chloro-2-methylxanthone	-	S	Group freq	Newman	JOC	19	(1954)	996
$C_{14}H_9ClO_2$	4-Chlorooxanthrone	3460	S,Sol	Group freq	Flett	JCS	-	(1948)	1441
$C_{14}H_9Cl_2F_3O$	Di-p-chlorophenyl (trifluoromethyl) carbinol	-	Sol	H bond	Kaluszyner	JACS	77	(1955)	4164
$C_{14}H_9Cl_3N_2O_3$	Monoacetyl derivative of trichlorodihydroxy-dihydrophenazine	650-5000	S	Spec	Gagnon	CJC	35	(1957)	1423
$C_{14}H_9Cl_5$	1-(m-Chlorophenyl)-1-(p-chlorophenyl)-2,2,2-trichloroethane	7-14 μ	Sol	Spec, Analysis	Downing	IEC	18	(1946)	461
$C_{14}H_9Cl_5$	1-(p-Chlorophenyl)-1-(o-chlorophenyl)-2,2,2-trichloroethane	7-14 μ 650-1400	Sol Sol	Spec, Analysis Quant anal	Downing McDonald	IEC AC	18 29	(1946) (1957)	461 339
$C_{14}H_9Cl_5$	1,1,1-Trichloro-2,2-bis (p-chlorophenyl)ethane	7-14 μ 2-15.5 μ 650-1400	- Sol Sol	Spec, Analysis Spec Quant anal	Downing Garhart McDonald	IEC AC AC	18 24 29	(1946) (1952) (1957)	461 851 339
$C_{14}H_9Cl_5O_3S$	2,2,2-Trichloro-1-o-chlorophenylethyl p-chlorobenzene-sulfonate	7-13 μ	Sol	Spec	Downing	IEC	18	(1946)	461

$C_{14}H_9F_5O$	Di-p-fluorophenyl (trifluoromethyl) carbinol	-	Sol	Freq	Kaluszyner	JACS	77	(1955) 4164
$C_{14}H_9NO$	Phenanthraquinoneimide	6100-6400	Sol	Spec, Group Anal	Wulf	JACS	57	(1935) 1464
$C_{14}H_9NO_2$	1-Aminoanthraquinone	1612-3300	-	Freq	Flett	JCS	-	(1948) 1441
		2-3 μ	S	Freq	Wyman	JACS	78	(1956) 4599
$C_{14}H_9NO_2$	2-Aminoanthraquinone	1612-3300	-	Freq	Flett	JCS	-	(1948) 1441
$C_{14}H_9NO_2$	2-Amino-9,10-phenanthraquinone	1600-1800	S,Sol	Group freq	Josien	JCP	21	(1953) 331
$C_{14}H_9NO_2$	N-(1-Naphthyl)maleimide	2-15 μ	Sol	Freq	Tsou	JACS	77	(1955) 4613
$C_{14}H_9NO_2$	9-Nitromethylenefluorene	732-1656	-	Group freq	Eaborn	JCS	-	(1955) 1420
$C_{14}H_9NO_2$	9-Nitroanthracene	600-2000	S	Freq, I, Assign	Trotter	CJC	37	(1959) 351
$C_{14}H_9NO_3$	N-(4-Hydroxy-1-naphthyl) maleimide	2-15 μ	Sol	Freq	Tsou	JACS	77	(1955) 4613
$C_{14}H_9NO_3$	N-(4-Hydroxy-1-naphthyl) isomaleimide	2-15 μ	Sol	Freq	Tsou	JACS	77	(1955) 4613
$C_{14}H_9NO_3$	N-(5-Hydroxy-1-naphthyl) maleimide	2-15 μ	Sol	Freq	Tsou	JACS	77	(1955) 4613
$C_{14}H_9NO_4$	1,2-Dihydroxy-3-amino-anthraquinone	-	-	Freq	Johnson	JCS	-	(1952) 2672
$C_{14}H_9NO_4$	1,2-Dihydroxy-4-amino-anthraquinone	-	-	Freq	Johnson	JCS	-	(1952) 2672
$C_{14}H_9NO_5$	1,4,5-Trihydroxy-8-amino-anthraquinone	-	-	Freq	Johnson	JCS	-	(1952) 2672
$C_{14}H_9NO_5$	Benzoyl m-nitrobenzoyl peroxide	-	Sol	Group freq	Davison	JCS	-	(1951) 2456

$C_{14}H_9NO_6$	Benzoyl p-nitrobenzoyl peroxide	-	Sol	Group freq	Davison	JCS	-	(1951)	2456
$C_{14}H_{10}$	Anthracene	0.8-3.8 μ	Sol	Spec	Taylor	JACS	46	(1924)	1606
		3.2-3.4 μ	Sol	Band study	Wall	JACS	62	(1940)	2225
		670-3150	S	Spec, Freq	Orr	JCS	-	(1950)	218
		650-2040	S,Sol	Spec	Cannon	SA	4	(1951)	373
		787	S	Spec	Pimental	JCP	19	(1951)	1536
		-	Sol	Spec	Bender	JACS	74	(1952)	1450
		2-16 μ	S	Spec	Tyler	AC	25	(1953)	390
		-	-	Vib. Anal	Sidman	JCP	25	(1956)	115
		2-15 μ	S	Spec, Ident	Resnik	AC	29	(1957)	1874
		-	-	IR	Buu-hoi	BSCF	-	(1958)	1404
		-	G,S, Sol,L	Freq	Fialkovskaya	IANS	22	(1958)	1093
		10-100	S	Freq	Fialkovskaya	IANS	23	(1959)	62
		3000	L	Spec	Perkampus	ZE	64	(1960)	951
$C_{14}H_{10}$	Diphenylacetylene	700-1700	S	Spec	Mann	PRS	192	(1948)	489
		700-1700	L,S	Spec	Richards	PRS	195	(1948)	1
		700-1720	S	Spec	Mann	PRS	211	(1952)	168
		-	Sol	Anal	Rabinovitch	JACS	75	(1953)	2652
		600-4000	Sol	Group freq	Katritzky	JCS	-	(1958)	4155
$C_{14}H_{10}$	Phenanthrene	1050-1800	-	Spec	Barnes	IEC	15	(1943)	659
		3.2-3.5 μ	Sol	CH band study	Wall	JACS	62	(1940)	2225
		660-2040	S,Sol	Spec	Cannon	SA	4	(1951)	373
		3-14.5 μ	S,Sol	Spec	Mosby	JOC	19	(1954)	294
		-	-	Ident	Entel	JACS	77	(1955)	611
		-	S,L, Sol,G	Freq	Fialkovskaya	IANS	22	(1958)	1093
		10-100 μ	S	Freq	Fialkovskaya	IANS	23	(1959)	62
$C_{14}H_{10}BrClO$	α-Bromo-p-chlorobenzyl phenyl ketone	-	-	Group freq	House	JACS	77	(1955)	3070
$C_{14}H_{10}Br_2$	cis-1-p-Bromophenyl-1-phenyl-2-bromoethylene-1-14_C	10-15 μ	-	Spec	Bothner	JACS	77	(1955)	3293

$C_{14}H_{10}Br_2$	trans-1-p-Bromophenyl-1-phenyl-2-bromoethylene-1-^{14}C	10-15	-	Spec	Bothner	JACS	77 (1955)	3293
$C_{14}H_{10}Cl_2O_4$	2,3-Dichloro-5-phenyl-cyclohexa-1,3-diene-1,4-dicarboxylic acid	-	-	Band freq	Burnell	JCS	- (1954)	3636
$C_{14}H_{10}Cl_4$	1-(o-Chlorophenyl)-1-(p-chlorophenyl)-2,2'-dichloroethane	650-1400	Sol	Quant anal	McDonald	AC	29 (1957)	339
$C_{14}H_{10}Cl_4$	1,1-Dichloro-2,2-bis (p-chlorophenyl)ethane	7-15 650-1400	Sol Sol	Spec Quant anal	Dowing McDonald	IEC AC	18 (1946) 29 (1957)	461 339
$C_{14}H_{10}Cl_4O_2$	2,3,5,6-Tetrachloro-4-p-methylbenzyloxyphenol	-	-	Group study	Moore	JCS	- (1953)	3405
$C_{14}H_{10}F_6N_2$	2,4'-Diamine-4,2'-bistrifluoromethyl-diphenyl	-	-	Freq	Randle	JCS	- (1955)	1311
$C_{14}H_{10}I_2O_2$	Benzil-iodine	-	Sol	Association	Glusker	JCS	- (1955)	471
$C_{14}H_{10}N_2O_2$	3,5-Diphenyl-1,2,4-oxadiazole	-	Sol	Ident	Terss	JACS	76 (1954)	580
$C_{14}H_{10}N_2O$	Phenylbenzoyldiazo-methane	- -	- -	Reactant Band freq	Marvel LeFevre	JOC JCS	16 (1951) - (1954)	741 4686
$C_{14}H_{10}N_2O_2$	1,4-Diaminoanthra-quinone	1610	S	Group freq	Flett	JCS	- (1948)	1441
$C_{14}H_{10}N_2O_5$	Polystictin	670-3600	S	Spec, Group freq,	Cavill	JCS	- (1953)	525

$C_{14}H_{10}N_4O_6$	2,4-Dinitrophenyl-hydrazone of benzoyl-formic acid (cis)	3-10 μ	S	Spec, Iso	Hayashi	N	178 (1956)	40
$C_{14}H_{10}N_4O_6$	2,4-Dinitrophenylhydrazone of benzoylformic acid (trans)	3-10 μ	S	Spec, Iso	Hayashi	N	178 (1956)	40
$C_{14}H_{10}N_8O_8$	Glyoxal di-2,4-dinitro-phenylhydrazone	6-15 μ	S	Spec	Ross	AC	25 (1953)	1288
$C_{14}H_{10}O$	Anthrone	1654	S	Group freq	Flett	JCS	- (1948)	1441
		1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{14}H_{10}O$	2-Hydroxyanthracene	3	Sol	Freq, H bond	Flett	SA	10 (1958)	21
$C_{14}H_{10}O$	1-Hydroxyphenanthrene	3	Sol	Freq, H bond	Flett	SA	10 (1958)	21
$C_{14}H_{10}O$	2-Hydroxyphenanthrene	3	Sol	Freq, H bond	Flett	SA	10 (1958)	21
$C_{14}H_{10}O$	3-Hydroxyphenanthrene	3	Sol	Freq, H bond	Flett	SA	10 (1958)	21
$C_{14}H_{10}O$	1-Methylfluorenone	-	-	Ident	Mulholland	JCS	- (1954)	4676
$C_{14}H_{10}O$	3-Methylfluorenone	-	-	Ident, Anal	Relyea	JACS	76 (1954)	1202
$C_{14}H_{10}O$	9-Phenanthrol	970-3500	S,Sol	Spec, Freq	Hunsberger	JACS	74 (1952)	4839
$C_{14}H_{10}OS$	1-Acetyldibenzothiophene	-	-	Iso	Sawicki	JACS	77 (1955)	957
$C_{14}H_{10}OS$	3-Acetyldibenzothiophene	-	-	Iso	Sawicki	JACS	77 (1955)	957
$C_{14}H_{10}OSe$	1-Acetyldibenzoseleno-phene	-	-	Iso	Sawicki	JACS	77 (1955)	957
$C_{14}H_{10}OSe$	3-Acetyldibenzoselenophene	-	-	Iso	Sawicki	JACS	77 (1955)	957
$C_{14}H_{10}O_2$	Benzil	2.7-3.9 μ	Sol	Spec, H bond	Wall	JACS	61 (1939)	2812
		700-1700	S	Spec	Mann	PRS	192 (1948)	489
		-	-	Freq, Struct	Rasmussen	JACS	71 (1949)	1068

		2-16 μ	-	Spec, Anal	Roberts	JACS	73	(1951)	618
		650-1750	Sol	Comparision	Blout	JOSA	42	(1952)	966
		700-3400	S	Spec,	Mann	PRS	211	(1952)	168
		650-1740	Sol	Freq	Bellamy	JCS	-	(1955)	4221
		-	-	Ident	Highet	JACS	77	(1955)	4399
$C_{14}H_{10}O_2$	o-Carboxybenzhydrol lactone	600-4000	Sol	Spec, Freq	Curtin	JOC	19	(1954)	352
$C_{14}H_{10}O_2$	1-Fluorenecarboxylic acid	5.5-6.5 μ	Sol	Ident	Sawicki	AC	31	(1959)	523
$C_{14}H_{10}O_2$	4-Fluorenecarboxylic acid	5.5-6.5 μ	Sol	Ident	Sawicki	AC	31	(1959)	523
$C_{14}H_{10}O_2$	9-Fluorenecarboxylic acid	5.5-6.5 μ	Sol	Ident	Sawicki	AC	31	(1959)	523
$C_{14}H_{10}O_2$	1-Hydroxyanthrone	1633	S	Group freq	Flett	JCS	-	(1948)	1441
$C_{14}H_{10}O_2$	4-Hydroxyanthrone	1645	S	Group freq	Flett	JCS	-	(1948)	414
$C_{14}H_{10}O_2$	4-Methoxy-1-benzona-phthenone	1600-1800	Sol	Group freq	Josien	JCP	21	(1953)	331
$C_{14}H_{10}O_2$	2-Methylxanthone	-	S	Group freq	Newman	JOC	19	(1954)	996
$C_{14}H_{10}O_2$	4-(1-Naphthyl)-2-butynoic acid	2.5-15 μ	Sol	Spec, Struot, Freq	Doukas	JOC	19	(1954)	343
$C_{14}H_{10}O_2$	Oxanthrone	1600-3650	S,Sol	Group freq	Flett	JCS	-	(1948)	1441
$C_{14}H_{10}O_2S$	Dibenzoyl sulfide	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15	(1959)	514
$C_{14}H_{10}O_2S$	Methyl fluorenone-1-sulfenate	5-8 μ	Sol	Struct	Bruice	JACS	81	(1959)	3416
$C_{14}H_{10}O_2S_2$	Diphenyldithio oxalate	2.5-16 μ	Sol	Struct	Nyquist	SA	15	(1959)	514
$C_{14}H_{10}O_3$	Benzoic anhydride	1720-1810	-	Spec	Davison	JCS	-	(1951)	2456
		2-15 μ	Sol	Spec, Freq	Lanning	JOC	19	(1954)	1171
		12-15 μ	S	CH out of plane study	Kross	JACS	78	(1956)	1332

				Type of plane study	Ref				
$C_{14}H_{10}O_3$	2-Benzoylbenzoic acid	5.5-6.5 μ	Sol	Ident	Sawicki	AC	31	(1959)	523
$C_{14}H_{10}O_3$	Disalicylaldehyde	-	-	Group freq	Newman	JOC	19	(1954)	985
$C_{14}H_{10}O_3$	3-Ethylnaphthalene-1,2-dicarboxylic acid anhydride	3-12 μ	Sol	Spec	Modest	JACS	72	(1950)	577
$C_{14}H_{10}O_4$	Benzoyl peroxide	850-1950	Sol	Spec	Barnes	IEC	15	(1943)	659
		-	Sol	Freq	Davison	JCS	-	(1951)	2456
		2-15 μ	Sol	Spec, Struct	Shreve	AC	23	(1951)	282
		-	-	Freq, Hammett const	Rao	CS	26	(1957)	375
$C_{14}H_{10}O_4$	Diphenic acid	700-4000	S,L, Sol	Freq, Ext coefficient	Flett	JCS	-	(1951)	962
		5.5-6.5 μ	Sol	Ident	Sawicki	AC	31	(1959)	523
$C_{14}H_{10}O_4$	Diphenyl oxalate	1700-1800	S,Sol	Freq	Simon	JOC	23	(1958)	1078
$C_{14}H_{10}O_4S$	2,2'-Dicarboxydiphenyl sulfide	-	-	Ident	Gilman	JACS	77	(1955)	3387
$C_{14}H_{10}O_6$	2,3-Dihydro-5,8,9,10-tetrahydroxy-1,4-anthraquinone	-	-	Group freq, Struct	Bruce	JCS	-	(1952)	2759
$C_{14}H_{11}D$	9-Methylfluorene-9-d_1	700-1400	Sol	Spec	Scherf	CJC	38	(1960)	697
$C_{14}H_{11}D$	trans-Stilbene-α-d_1	600-4000	Sol	Spec	Curtin	JACS	75	(1953)	6011
$C_{14}H_{11}Br$	2-Bromostillbene	2-15 μ	Sol,L	Spec, Assign	Detar	JACS	78	(1956)	475
$C_{14}H_{11}Br$	4-Bromostilbene	5-15 μ	S	Spec, Freq	Thompson	JCS	-	(1950)	214
$C_{14}H_{11}BrN_4$	5-Amino-1-p-bromophenyl-4-phenyl-1,2,3-triazole	900-1310	S	Assign	Lieber	CJC	36	(1958)	1441
$C_{14}H_{11}BrN_4O_4$	α-Bromoacetophenone anti-2,4-dinitrophenyl-hydrazone	-	Sol	Band freq	Ramirez	JACS	75	(1953)	6026

$C_{14}H_{11}BrN_4O_4$	α-Bromoacetophenone syn-2,4-dinitrophenylhydrazone	-	Sol	Band freq	Ramirez	JACS	75 (1953) 6026
$C_{14}H_{11}BrO$	2-Bromo-4-methyl-benzophenone	-	Sol	Anal	Relyea	JACS	76 (1954) 1202
$C_{14}H_{11}BrO$	2'-Bromo-4-methyl benzophenone	-	Sol	Anal	Relyea	JACS	76 (1954) 1202
$C_{14}H_{11}BrOS$	Benzylthio p-bromo-benzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959) 514
$C_{14}H_{11}Cl$	2-Chlorostilbene (cis & trans)	2-15 μ	-	Spec, Assign	Detar	JACS	78 (1956) 475
$C_{14}H_{11}Cl$	cis-2-Chlorostilbene	-	-	Ident	Detar	JACS	77 (1955) 4410
$C_{14}H_{11}Cl$	trans-2-Chlorostilbene	-	-	Ident	Detar	JACS	77 (1955) 4410
$C_{14}H_{11}Cl$	trans-p-Chlorostilbene	-	-	Freq	House	JACS	77 (1955) 3070
$C_{14}H_{11}ClO$	Benzyl 4-chlorophenyl ketone	-	Sol	Reference	Curtin	JACS	76 (1954) 3719
$C_{14}H_{11}ClO$	p-Chlorobenzyl phenyl ketone	-	Sol	Reference	Curtin	JACS	76 (1954) 3719
$C_{14}H_{11}ClO$	2-Chloro-4-methyl-benzophenone	-	Sol	Anal	Relyea	JACS	76 (1954) 1202
$C_{14}H_{11}ClO$	2'-Chloro-4-methyl-benzophenone	-	Sol	Analysis	Relyea	JACS	76 (1954) 1202
$C_{14}H_{11}ClO$	4-Chloro-4'-methyl-benzophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
$C_{14}H_{11}ClOS$	Benzylthio m-chloro-	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959) 514

$C_{14}H_{11}ClO_6$	3-(4-Chloro-7-methoxy-3-methylphthalidyl) succinic anhydride	-	-	Ident	Boothe	JACS	75 (1953)	3263
$C_{14}H_{11}Cl_2N$	2,3-bis-(4'-Chlorophenyl) ethylenimine	2.5-12μ	Sol	Spec, Freq, Struct	Hatch	JACS	75 (1953)	38
$C_{14}H_{11}FOS$	Benzylthio o-fluorobenzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{14}H_{11}F_3O$	Diphenyl(trifluoromethyl) carbinol	-	-	Group freq	Kaluszyner	JACS	77 (1955)	4164
$C_{14}H_{11}F_4N_2B$	2-Diazostilbene boron tetrafluoride	2-15μ	L,Sol	Assign, Spec	Detar	JACS	78 (1956)	475
$C_{14}H_{11}IO$	2'-Iodo-4-methylbenzophenone	-	Sol	Analysis	Relyea	JACS	76 (1954)	1202
$C_{14}H_{11}IOS$	Benzylthio m-iodobenzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{14}H_{11}IOS$	Benzylthio o-iodobenzoate	2.5-16μ	Sol	Freq, Struct	Nyquist	SA	15 (1959)	514
$C_{14}H_{11}N$	1-Aminoanthracene	-	Sol	Freq, FC, H bond	Short	JCS	- (1952)	4584
$C_{14}H_{11}N$	2-Aminoanthracene	-	Sol	Freq, FC, H bond	Short	JCS	- (1952)	4584
$C_{14}H_{11}N$	9-Aminoanthracene	-	Sol	Freq, FC, H bond	Short	JCS	- (1952)	4584
$C_{14}H_{11}N$	Diphenylacetonitrile	-	Sol	Freq, I	Skinner	JCS	- (1955)	487
		2200-2300	Sol	Freq, Struct	Jesson	SA	13 (1958)	217
$C_{14}H_{11}N$	p-Methylphenylethynylpyridine	700-1700	Sol	Freq, Assign	Katritzky	JCS	- (1959)	2051
$C_{14}H_{11}N$	1-Phenanthrylamine	3μ	Sol	Freq, FC	Elliot	JCS	- (1959)	1275

$C_{14}H_{11}N$	2-Phenanthrylamine	3μ	Sol	Freq, FC	Elliot	JCS	-	(1959)	1275
$C_{14}H_{11}N$	3-Phenanthrylamine	3μ	Sol	Freq, FC	Elliot	JCS	-	(1959)	1275
$C_{14}H_{11}N$	9-Phenanthrylamine	3μ	Sol	Freq, FC	Elliot	JCS	-	(1959)	1275
$C_{14}H_{11}N$	2-Phenylindole	3480	Sol	Freq	Pozefsky	AC	27	(1955)	1466
		-	Sol	Freq, I	Russell	JCS	-	(1955)	483
$C_{14}H_{11}N$	N-Vinyl-9-azafluorene	-	Sol	Spec, Freq	Potts	SA	15	(1959)	679
$C_{14}H_{11}NO$	1-Aminoanthrone	1614-3440	S	Group freq	Flett	JCS	-	(1948)	1441
$C_{14}H_{11}NO$	4-Aminoanthrone	1645-3320	S	Group freq	Flett	JCS	-	(1948)	1441
$C_{14}H_{11}NO$	5-Hydroxy-4-methyl-acridine	1400-3650	S,Sol	Spec, Assign	Mason	JCS	-	(1957)	4874
$C_{14}H_{11}NO$	5-Hydroxy-2-methyl benzo[g]quinoline	-	S,Sol	Freq, Tant	Mason	JCS	-	(1957)	4874
$C_{14}H_{11}NO$	p-Methoxyphenylethynyl-pyridine	700-1700	Sol	Freq, Assign, I	Katritzky	JCS	-	(1959)	2051
$C_{14}H_{11}NO$	N-methylacridone (II)	2800-3000	S	Group detection	Braunholtz	JCS	-	(1958)	2780
$C_{14}H_{11}NO$	10-Methylacridone	6.11-7.89μ	S	Table	Acheson	JCS	-	(1954)	3742
$C_{14}H_{11}NO$	7-Phenyloxindole	-	-	Group freq	Wiesner	JACS	77	(1955)	675
$C_{14}H_{11}NO_2$	2-Aminofluorene-9-carboxylic acid	700-4000	S,L	Freq	Flett	JCS	-	(1951)	962
$C_{14}H_{11}NO_2$	α-Benzil monoxime	6800-7200	-	Spec, H bond	Hilbert	JACS	58	(1936)	548
		7000	-	Absorption band	Wulf	JCP	6	(1938)	702
		2800-3700	Sol	Spec, H bond	Buswell	JACS	61	(1939)	3252
		650-1740	Sol	Freq	Bellamy	JCS	-	(1955)	4221

		3μ	Sol	Freq, H bond	Flett	SA	10 (1958)	21
$C_{14}H_{11}NO_2$	β-Benzil monoxime	6800-7200	Sol	Spec, H bond	Hilbert	JACS	58 (1936)	548
$C_{14}H_{11}NO_2$	2-Nitrostilbene	2-15μ	L,Sol	Assign, Spec	Detar	JACS	78 (1956)	475
$C_{14}H_{11}NO_2$	4-Nitrostilbene	5-15μ	S	Spec, Band freq	Thompson	JCS	- (1950)	214
$C_{14}H_{11}NO_3$	N-Benzoxybenzamide	-	-	Freq	Freeman	JACS	80 (1958)	5954
$C_{14}H_{11}NO_3$	O-Benzoyl benzohydroxamate	700-4000	S,Sol	Spec, H bond	Hadzi	SA	10 (1958)	38
$C_{14}H_{11}NO_3$	N-(1-Naphthyl)maleamic acid	2-15μ	S,Sol	Freq	Tsou	JACS	77 (1955)	4613
$C_{14}H_{11}NO_4$	o-(3-Amino-4-hydroxybenzoyl)benzoic acid	700-4000	S,L	Group freq	Flett	JCS	- (1951)	962
$C_{14}H_{11}NO_4$	N-(4-Hydroxy-1-naphthyl) maleamic acid	2-15μ	S	Freq	Tsou	JACS	77 (1955)	4613
$C_{14}H_{11}NO_4$	N-(5-Hydroxy-1-naphthyl) maleamic acid	2-15μ	S	Freq	Tsou	JACS	77 (1955)	4613
$C_{14}H_{11}NS$	N-Methylthioacridone	-	Sol	Freq	Bergmann	JACS	77 (1955)	1549
$C_{14}H_{11}N_3$	3,5-Diphenyl-1,2,4-triazole	-	-	Group freq	Potts	JCS	- (1954)	3461
$C_{14}H_{11}N_3O_4$	m-Nitrophenylhydrazone of benzoylformic acid (cis)	3-10μ	S	Spec, Iso	Hayashi	N	178 (1956)	40
$C_{14}H_{11}N_3O_4$	m-Nitrophenylhydrazone of benzoylformic acid (trans)	3-10μ	S	Spec, Iso	Hayashi	N	178 (1956)	40

$C_{14}H_{11}N_3O_4$	O-Nitrophenylhydrazone of benzoylformic acid (cis)	3-10	-	Spec, Iso	Hayashi	N	178 (1956)	40
$C_{14}H_{11}N_3O_4$	O-Nitrophenylhydrazone of benzoylformic acid (trans)	3-10	-	Spec, Iso	Hayashi	N	178 (1956)	40
$C_{14}H_{11}N_3O_4$	p-Nitrophenylhydrazone of benzoylformic acid (cis)	3-10	S	Spec, Iso	Hayashi	N	178 (1956)	40
$C_{14}H_{11}N_3O_4$	p-Nitrophenylhydrazone of benzoylformic acid (trans)	3010	S	Spec, Iso	Hayashi	N	178 (1956)	40
$C_{14}H_{11}N_5O_4$	1,5-Di-(p-nitrophenyl) 1,2,3-triazoline	-	-	Ident	Buckley	JCS	- (1954)	1850
$C_{14}H_{12}$	9,10-Dihydracanthracene	670-3150	S	Spec, Freq	Orr	JCS	- (1950)	218
$C_{14}H_{12}$	9,10-Dihydrophenanthrene	3.2-3.5	Sol	Band study	Wall	JACS	62 (1940)	2225
		650-2020	L	Spec	Cannon	SA	4 (1951)	373
$C_{14}H_{12}$	9-Methylfluorene	700-1400	Sol	Spec	Scherf	CJC	38 (1960)	697
$C_{14}H_{12}$	8-Methylperinaphthene	7.5-14	L	Spec	Boekelheide	JACS	72 (1950)	1240
$C_{14}H_{12}$	Phenyloycloctatetraene	2-16	L	Spec	Cope	JACS	73 (1951)	3424
$C_{14}H_{12}$	Stilbene	1100-1700	-	Spec, Freq	Barnes	IEC	15 (1943)	659
		700-3100	L,S	Spec	Richards	PRS	195 (1948)	1
		5-15	S	Spec	Thompson	JCS	- (1950)	214
		650-2020	S	Spec	Cannon	SA	4 (1951)	373
		-	Sol	Anal	Bailey	JACS	75 (1953)	2951
		600-4000	Sol	Freq	Katritzky	JCS	- (1958)	4155
$C_{14}H_{12}$	Stilbene (cis & trans)	2-16	L,Sol	Assign, Spec	Detar	JACS	78 (1956)	475
		200-1600	S,Sol	Assign	Brodin	OS	5 (1958)	123
$C_{14}H_{12}$	cis-Stilbene	680-1650	L	Spec	Brackman	JCS	- (1952)	2188
		-	Sol	Anal	Rabinovitch	JACS	75 (1953)	2652
		-	Sol	IR, Ozonation study	Briner	HCA	41 (1958)	1390

$C_{14}H_{12}$	trans-Stilbene	687-1935	-	Table	Brackman	JCS	-	(1952)	2188
		600-4000	Sol	Spec	Curtin	JACS	75	(1953)	6011
		-	Sol	Anal	Rabinovitch	JACS	75	(1953)	2652
		625-900	-	Substitution effect	Margoshes	SA	7	(1955)	14
		12-15 μ	S	Freq	Kross	JACS	78	(1956)	1332
		960	Sol	Vib	Orr	SA	8	(1956)	218
		-	Sol	IR	Briner	HCA	41	(1958)	1390
		-	Sol	Freq, Spec	Potts	SA	15	(1959)	679
$C_{14}H_{12}BrClO$	Erythro-2-bromo-2-(4-chlorophenyl)-1-phenyl-ethanol	-	-	Freq	House	JACS	77	(1955)	3070
$C_{14}H_{12}BrClO$	Erythro-2-bromo-2-(4-chlorophenyl)-2-phenyl-ethanol	-	-	Freq	House	JACS	77	(1955)	3070
$C_{14}H_{12}BrClO$	Threo-2-bromo-2-(4-chlorophenyl)-1-phenyl-ethanol	-	-	Freq	House	JACS	77	(1955)	3070
$C_{14}H_{12}BrNO_2$	4,5,6,7-Tetrahydro-1-(p-bromophenyl)isatin	900-4000	S,Sol	Freq	O'Sullivan	JCS	-	(1959)	876
$C_{14}H_{12}ClNO_2$	2-Chloro-4-(2'-dimethyl-amino)vinyl-1,4-naptha-quinone	-	Sol	Absorption	Buckley	JCS	-	(1957)	4891
$C_{14}H_{12}ClNO_2$	4,5,6,7-Tetrahydro-1-(m-chlorophenyl)isatin	900-4000	S,Sol	Freq	O'Sullivan	JCS	-	(1959)	876
$C_{14}H_{12}ClNO_2$	4,5,6,7-Tetrahydro-1-(p-chlorophenyl)isatin	900-4000	S,Sol	Freq	O'Sullivan	JCS	-	(1959)	876
$C_{14}H_{12}ClNO_2S$	3-Chloro-10-ethyl-phenothiazine-5-dioxide	-	-	Substitution effect	Gilman	JOC	19	(1954)	560
$C_{14}H_{12}ClNO_3$	2-Chloro-3-morpholino-1,4-naphthaquinone	-	Sol	Absorption	Buckley	JCS	-	(1957)	4891

$C_{14}H_{12}Cl_2$	3,3'-Dimethyl-5,5'-dichlorobiphenyl	-	-	Spec	Adams	JACS	74 (1952)	3038
$C_{14}H_{12}Cl_2N_2O$	4,4'-Dichloro-cis-ω-azoxytoluene	-	S	Group study	Brough	JCS	- (1954)	4069
$C_{14}H_{12}Cl_2N_2O$	4,4'-Dichloro-trans-ω-azoxytoluene	-	S	Group study	Brough	JCS	- (1954)	4069
$C_{14}H_{12}F_{14}O_4$	bis-2,2,3,3,4,4,4-Heptafluorobutyl adipate	-	L	Group freq	Rappaport	JACS	75 (1953)	2695
$C_{14}H_{12}F_{14}O_4$	1,6-Hexanediol bis-heptafluorobutyrate	-	L	Group freq	Rappaport	JACS	75 (1953)	2695
$C_{14}H_{12}N_2$	5-Amino-1-methylacridine	3μ	Sol	I, Taut, Band study	Mason	JCS	- (1959)	1281
$C_{14}H_{12}N_2$	2-Amino-4-methyl-5,6-benzoquinoline	3μ	Sol	I, Taut, Band study	Mason	JCS	- (1959)	1281
$C_{14}H_{12}N_2$	2-Amino-9-methylphenanthridine	3μ	S	Freq, I	Mason	JCS	- (1959)	1281
$C_{14}H_{12}N_2$	Diphenylaminomethylnitrile	2200-2300	Sol	Freq, Struct	Jesson	SA	13 (1958)	217
$C_{14}H_{12}N_2$	5-Imino-10-methylacridan	3.02-7.90μ	S	Table	Acheson	JCS	- (1954)	3742
$C_{14}H_{12}N_2$	5-Methylaminoacridine	3μ	Sol	Freq, I	Mason	JCS	- (1959)	1281
$C_{14}H_{12}N_2O$	Benzil monohydrazone	-	-	Spec, Config	Domnin	ZOK	30 (1960)	799
$C_{14}H_{12}N_2O$	α-Phenylglyoxal monophenylhydrazone	650-4000	S,Sol	H bond, Freq	Tanner	SA	15 (1959)	20
$C_{14}H_{12}N_2O$	β-Phenylglyoxal monophenylhydrazone	650-4000	S,Sol	H bond, Freq	Tanner	SA	15 (1959)	20
$C_{14}H_{12}N_2O_2$	5-Carbomethoxyharmane	1490-3670	Sol	Spec, Struc, Freq	Elderfield	JOC	16 (1951)	506

$C_{14}H_{12}N_2O_2$	Disalisal hydrazone	3μ	Sol	Freq, H bond	Flett	SA	10	(1958)	21
$C_{14}H_{12}N_2O_2$	3-α-Furylacroleinazine	1400-2000	S,Sol	Spec	Blout	JACS	70	(1948)	194
$C_{14}H_{12}N_2O_2$	Phenylhydrazone of benzoylformic acid	5-10μ	S	Spec	Hayashi	N	178	(1956)	40
$C_{14}H_{12}N_2O_2S_2$	Di-p-carbamylphenyl disulphide	5.5-24μ	S	Spec, Freq	Cymerman	JCS	-	(1951)	1332
$C_{14}H_{12}N_2O_3$	N-Benzoyl-O-anthranoyl-hydrxylamine	-	S	Freq	Freeman	JACS	80	(1958)	5954
$C_{14}H_{12}N_2O_4$	4,5,6,7-Tetrahydro-1-(m-nitrophenyl)isatin	-	Sol	Freq	O'Sullivan	JCS	-	(1959)	876
$C_{14}H_{12}N_2O_4S_2$	Di-(p-carbamyl)phenyl benzenethiol sulfonate	5.5-24μ	S	Spec, Freq	Cymerman	JCS	-	(1951)	1332
		7-9	S	Assign	Hazeldine	JCS	-	(1955)	2901
$C_{14}H_{12}N_2O_6S$	p-Tolyl 2,4-dinitrobenzyl sulfone	1100-1400	S	Spec, Freq	Bavin	SA	16	(1960)	1312
$C_{14}H_{12}N_2S$	2-p-Aminophenyl-6-methyl-benzothiazole	800-2000	S	Spec	Barnes	IEC	15	(1943)	659
		693-3460	S	I, Assign	Aroney	JCS	-	(1955)	2138
$C_{14}H_{12}N_2S\cdot HCl$	2-p-Aminophenyl-6-methyl-benzothiazole hydrochloride	963-3460	S	I, Assign	Aroney	JCS	-	(1955)	2138
$C_{14}H_{12}N_2S$	2-(β-4-Pyridylethyl) benzothiazole	-	Sol	Struct	Porter	JACS	76	(1954)	127
$C_{14}H_{12}N_4$	5-Amino-1,4-diphenyl-1,2,3-triazole	900-1310	S	Vib, I, Assign	Lieber	CJC	36	(1958)	1441
$C_{14}H_{12}N_4O_4$	Acetophenone-2,4-dinitro-phenylhydrazone	-	-	Band freq	Ramirez	JACS	75	(1953)	6026
		6-15μ	S	Spec	Ross	AC	25	(1953)	1288
$C_{14}H_{12}N_4O_4$	Phenylacetaldehyde-2,4-dinitrophenylhydrazone	2-15μ	S	Spec, Ident	Jones	AC	28	(1956)	191

$C_{14}H_{12}N_4O_5$	4-(2-Furyl)-3-buten-2-ene-2,4-dinitrophenylhydrazone	2-15 μ	S	Spec, Ident	Jones	AC	28 (1956)	191
$C_{14}H_{12}N_4O_5$	p-Methoxybenzaldehyde 2,4-dinitrophenylhydrazone	2-15 μ	S	Spec, Ident	Jones	AC	28 (1956)	191
$C_{14}H_{12}N_6O_3$	Pteroic acid	750-3800	-	Spec	Waller	JACS	70 (1948)	19
$C_{14}H_{12}O$	9,10-Dihydro-9-phenanthrol	2.75-2.90 μ	Sol	Freq, H bond	Moriconi	JACS	81 (1959)	6472
$C_{14}H_{12}O$	p-Methylbenzophenone	1650-1800	Sol	Group ext. coefficient	Cross	TFS	47 (1951)	354
		1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
		1700	Sol	Freq, I	Thompson	SA	9 (1957)	208
$C_{14}H_{12}O$	ω-Phenylacetophenone	3-10 μ	-	Spec	Taschek	JCP	7 (1939)	11
		-	Sol	I, Substitution effect	Jones	CJC	36 (1958)	1020
$C_{14}H_{12}O$	p-Phenylacetophenone	1689	Sol	Freq, I	Tanaka	JCP	24 (1956)	311
$C_{14}H_{12}OS$	Benzylthio benzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{14}H_{12}O_2$	4-Acetyl-3-hydroxybiphenyl	800-2900	Sol	Spec, Freq	Lacey	JCS	- (1960)	3153
$C_{14}H_{12}O_2$	Benzoin	6500-7200	Sol	Spec, Anal	Wulf	JACS	57 (1935)	1464
		-	Sol	Spec, Struct	Pauling	JACS	58 (1936)	94
		2700-3700	Sol	Spec, H bond	Buswell	JACS	61 (1939)	3252
		2.6-3 μ	Sol	Spec	Davies	TFS	36 (1940)	333
		2-16 μ	-	Spec, Anal	Roberts	JACS	73 (1951)	618
		-	-	Ident	Fuson	JOC	19 (1954)	1575
		650-1740	Sol	Freq	Bellamy	JCS	- (1955)	4221
		3 μ	Sol	Freq, H bond	Flett	SA	10 (1958)	21
$C_{14}H_{12}O_2$	Benzyl benzoate	1740	Sol	Freq	Hampton	AC	21 (1949)	914
		2-16 μ	Sol	Spec, Anal	Sassaman	APS	8 (1954)	67
		-	Sol	Qual. anal, Spec	Black	AC	29 (1957)	169

$C_{14}H_{12}O_2$	p-Biphenyl acetate	-	Sol	Freq	Freeman	JACS	82 (1960) 2454
$C_{14}H_{12}O_2$	trans-1,2-dihydroxy-dihydroanthracene	3μ	Sol	Band freq	Kuhn	JACS	74 (1952) 2492
$C_{14}H_{12}O_2$	cis-9,10-Dihydroxy-dihydrophenanthrene	3μ	Sol	Band freq	Kuhn	JACS	74 (1952) 2492
		3μ	-	H bond	Moriconi	JOC	22 (1957) 1651
$C_{14}H_{12}O_2$	trans-9,10-Dihydroxy-dihydrophenanthrene	3μ	Sol	Band freq	Kuhn	JACS	74 (1952) 2492
		3μ	-	H bond	Moriconi	JOC	22 (1957) 1651
$C_{14}H_{12}O_2$	Diphenylacetic acid	700-4000	S,L	Freq	Flett	JCS	- (1951) 962
		-	Sol	Freq	Goulden	SA	6 (1954) 129
$C_{14}H_{12}O_2$	2-Hydroxy-5-methyl-diphenyl ketone	-	Sol	H bond	Hilbert	JACS	58 (1936) 548
		-	S,Sol	Group freq	Newman	JOC	19 (1954) 985
$C_{14}H_{12}O_2$	Isomycomycin methyl ester	2-16μ	Sol	Spec, Freq	Celmer	JACS	74 (1952) 3838
		9-11μ	Sol	Spec, Freq, Struct	Celmer	JACS	75 (1953) 1372
$C_{14}H_{12}O_2$	O-Methoxybenzophenone	-	-	Ident	Detar	JACS	75 (1953) 5117
$C_{14}H_{12}O_2$	p-Methoxybenzophenone	-	Sol	Freq, Anal	Newman	JACS	75 (1953) 2322
		1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
$C_{14}H_{12}O_2$	Methyl m-phenylbenzoate	-	-	Anal, Iso	Dannley	JACS	76 (1954) 445
		-	-	Anal, Iso	Dannley	JACS	76 (1954) 2997
		-	-	Anal	Dannley	JACS	77 (1955) 1588
$C_{14}H_{12}O_2$	Methyl o-phenylbenzoate	-	-	Anal, Iso	Dannley	JACS	76 (1954) 445
		-	-	Anal, Iso	Dannley	JACS	76 (1954) 2997
		-	-	Anal	Dannley	JACS	77 (1955) 1588
$C_{14}H_{12}O_2$	Methyl p-phenylbenzoate	-	-	Anal, Iso	Dannley	JACS	76 (1954) 445
		-	-	Anal, Iso	Dannley	JACS	76 (1954) 2997
		-	-	Ident	Stevens	JACS	76 (1954) 715
		-	-	Anal	Dannley	JACS	77 (1955) 1588
$C_{14}H_{12}O_2$	Mycomycin methyl ester	2-16μ	Sol	Spec, Freq, Struct	Celmer	JACS	75 (1953) 1372

$C_{14}H_{12}O_2$	4-(1-Naphthyl)-2-butenoic acid	2-15 μ	S	Spec	Doukas	JOC	19 (1954)	343
$C_{14}H_{12}O_2S$	9-Fluorenyl methyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{14}H_{12}O_2S$	Phenylthio o-methoxy-benzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{14}H_{12}O_3$	Desmethoxyyangonine	2-12 μ	Sol	Struct	Chmielewska	TE	4 (1958)	36
$C_{14}H_{12}O_3$	6-Phenylpiperonyl alcohol	718-1477	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{14}H_{12}O_4$	Benzoic acid(dimer)	-	-	Freq related to Hammett const	Rao	CS	26 (1957)	375
$C_{14}H_{12}O_4$	Methylenedioxybenzene (dimer)	2-12 μ	Sol	Spec	Gensler	JOC	18 (1953)	9
$C_{14}H_{12}O_5$	Khellin	8-10 μ	Sol	Spec	Williams	IL	3 (1952)	7
$C_{14}H_{13}DO$	dl-Erythro-1,2-diphenyl-ethanol-2-d_1	-	Sol	Spec	Curtin	JACS	75 (1953)	6011
$C_{14}H_{13}DO$	dl-Threo-1,2-diphenyl-ethanol-2-d_1	-	Sol	Spec	Curtin	JACS	75 (1953)	6011
$C_{14}H_{13}BrO$	Erythro-2-bromo-1,2-diphenylethanol	-	-	Group freq	House	JACS	77 (1955)	3070
$C_{14}H_{13}BrO$	Threo-2-bromo-1,2-diphenylethanol	-	-	Group freq	House	JACS	77 (1955)	3070
$C_{14}H_{13}BrO_4$	5-Bromo-7,8-dimethoxy-2-hydroxy-3,4-dihydro-1-naphthaleneacetic acid ω-lactone	-	-	Freq	Stork	JACS	73 (1951)	4743

$C_{14}H_{13}BrO_4$	$\Delta^{1(2)}$, α-5-Bromo-7,8-dimethyoxy-2-hydroxy-3,4-dihydro-1-naphthaleneacetic acid γ-lactone	-	-	Freq, Ident	Stork	JACS	73 (1951)	4743
$C_{14}H_{13}ClO$	p-Chlorophenylbenzylcarbinol	-	-	Freq	House	JACS	77 (1955)	3070
$C_{14}H_{13}ClO_7$	4-Chloro-7-methoxy-3-methyl-3-phthalide-succinic acid	-	-	Ident	Hutchings	JACS	74 (1952)	3710
		-	-	Ident	Kushner	JACS	74 (1952)	3710
		-	-	Ident	Boothe	JACS	75 (1953)	3263
$C_{14}H_{13}N$	2-Aminostilbene (trans & cis)	5-15μ	S	Assign, Spec, Freq	Thompson	JCS	- (1950)	214
		2-15μ	L,Sol	Spec, Assign	DeTar	JACS	78 (1956)	475
$C_{14}H_{13}N\cdot HCl$	2-Aminostilbene hydrochloride	2-15μ	L,Sol	Assign	DeTar	JACS	78 (1956)	475
$C_{14}H_{13}N$	4-Aminostilbene	5-15μ	S	Spec, Band freq	Thompson	JCS	- (1950)	214
$C_{14}H_{13}N$	N-Benzylidine-4-toluidine	-	S	Freq	Clougherty	JOC	22 (1957)	462
$C_{14}H_{13}N$	cis-2,3-Diphenylethylenimine	2.5-12μ	Sol	Spec, Freq, Struct	Hatch	JACS	75 (1953)	38
$C_{14}H_{13}N$	p-Methylstyrylpyridine	700-1700	Sol	Freq, Assign, I	Katritzky	JCS	- (1959)	2051
$C_{14}H_{13}NO$	Benzophenoneoxime N-methyl ether	600-1600	L,S, Sol	Freq	George	CJC	37 (1959)	679
$C_{14}H_{13}NO$	Benzophenoneoxime O-methyl ether	600-1600	L,S, Sol	Freq	George	CJC	37 (1959)	679
$C_{14}H_{13}NO$	N-Benzylidine-2-anisidine	-	Sol	Freq	Clougherty	JOC	22 (1957)	462
$C_{14}H_{13}NO$	N,N-Diphenylacetamide	1560-1760	Sol	Freq, I	Archibald	SA	12 (1958)	34
		-	Sol	Freq, I	Thompson	SA	13 (1958)	236

$C_{14}H_{13}NO$	N-(4-Methoxy)benzyldene-aniline	-	Sol	Freq	Clougherty	JOC	22	(1957) 462
$C_{14}H_{13}NO$	4-(p-Methoxystyryl) pyridine	900-3000	Sol	Freq, Assign	Katritzky	JCS	-	(1959) 2062
$C_{14}H_{13}NO$	p-Methoxystryrylpyridine	700-1700	Sol	Freq, Assign, I	Katritzky	JCS	-	(1959) 2051
$C_{14}H_{13}NO$	N-Methylbenzanilide	600-4000	Sol	Freq	Katritzky	JCS	-	(1958) 4155
		-	Sol	Freq	Horak	TEL	3	(1959) 19
		-	Sol	Assign, I, Struct	Katritzky	JCS	-	(1959) 2067
$C_{14}H_{13}NO$	o-4-Methylbenzylidene-aminophenol	3300-3400	Sol	Freq, H bond	Badger	JCS	-	(1958) 3437
$C_{14}H_{13}NO$	2-(p-Methylphenacyl) pyridine	-	Sol	Spec	Branch	N	177	(1956) 671
$C_{14}H_{13}NO$	p-Methylstyrilpyridine-1-oxide	700-1700	Sol	Freq, Assing, I	Katritzky	JCS	-	(1959) 2051
$C_{14}H_{13}NO$	α-Phenylacetanilide	1500-3600	S,Sol	Assign, Spec	Richards	JCS	-	(1947) 1248
$C_{14}H_{13}NO$	p-Phenylacetanilide	-	Sol	Freq, I	Russell	JCS	-	(1955) 483
		3 μ	Sol	Freq	Russell	SA	8	(1956) 138
		-	Sol	Freq	Freeman	JACS	82	(1960) 2454
$C_{14}H_{13}NO$	o-(1-Phenyliminoethyl) phenol	-	S	H bond	Plant	JCS	-	(1955) 1278
$C_{14}H_{13}NO$	5,6,7,8-Tetrahydro-8-keto-9-methylphenan-thridine	5.95-13.90 μ	S	I	Smith	JCS	-	(1953) 803
$C_{14}H_{13}NO_2$	N-Benzoyl-o-anisidine	-	Sol	Spec, Freq	Witkop	JACS	74	(1952) 3861
$C_{14}H_{13}NO_2$	N-Benzyloxybenzamide	-	S	Freq	Ames	JCS	-	(1955) 631
$C_{14}H_{13}NO_2$	N,N-Diacetyl-1-naphthyl-	6 μ	S,Sol	Band study	Abramovitch	JCS	-	(1957) 1413

$C_{14}H_{13}NO_2$	N,N-Diacetyl-2-naphthyl-amine	6μ	S	Band study	Abramovitch	JCS	-	(1957) 1413
$C_{14}H_{13}NO_2$	p-Hydroxybenzylidene-aminobenzyl alcohol	-	Sol	I	Witkop	JACS	76	(1954) 5589
$C_{14}H_{13}NO_2 \cdot HCl$	p-Hydroxybenzylidene-o-aminobenzyl alcohol hydrochloride	-	Sol	I	Witkop	JACS	76	(1954) 5589
$C_{14}H_{13}NO_2$	o-(4-Methoxybenzylidene) aminophenol	3300-3400	Sol	Freq, I, H bond	Badger	JCS	-	(1958) 3437
$C_{14}H_{13}NO_2$	2-(p-Methoxyphenacyl) pyridine	-	Sol	Spec	Branch	N	177	(1956) 671
$C_{14}H_{13}NO_2$	4-(p-Methoxystyryl) pyridine-N-oxide	900-3000	Sol	Freq, Assign	Katritzky	JCS	-	(1959) 2062
$C_{14}H_{13}NO_2$	p-Methoxystyryl-pyridine-1-oxide	700-1700	Sol	Freq, Assign	Katritzky	JCS	-	(1959) 2051
$C_{14}H_{13}NO_2$	1-Phenyl-4,5,6,7-tetrahydroisatin	900-4000	S,Sol	Freq, H bond	O'Sullivan	JCS	-	(1959) 876
$C_{14}H_{13}NO_2$	Salicylidene-o-amino-benzyl alcohol	-	S	Freq	Witkop	JACS	76	(1954) 5589
$C_{14}H_{13}NO_2 \cdot HCl$	Salicylidene-o-amino-benzyl alcohol hydro-chloride	-	S	Freq	Witkop	JACS	76	(1954) 5589
$C_{14}H_{13}NO_3$	O-Hydroperoxy-(α-methoxy-benzylimino)benzene	-	Sol	Spec, Freq	Witkop	JACS	74	(1952) 3861
$C_{14}H_{13}NO_3$	3-Morpholino-1,4-naphthaquinone	-	Sol	Band study	Buckley	JCS	-	(1957) 4891

$C_{14}H_{13}NO_4S$	p-Tolyl p-nitrobenzyl sulfone	1100-1400	S	Spec, Freq	Bavin	SA	16	(1960)	1312
$C_{14}H_{13}NO_5$	Norisoacronycidine	1450-4000	S	Spec, Freq	Price	AJC	12	(1959)	589
$C_{14}H_{13}NS$	N-α-Methylthiobenzyl-ideneaniline	-	Sol	Freq	Goulden	JCS	-	(1953)	997
$C_{14}H_{13}N_2O_7PS$	Ethyl di-p-nitrophenyl thiophosphate	700-1630	S	Spec, Freq	Bellamy	JCS	-	(1952)	475
		-	-	Freq, Assign	Ketelaar	RTC	78	(1959)	190
$C_{14}H_{13}N_2O_8P$	Di-p-nitrophenyl ethyl phosphate	-	-	Freq, Assign	Ketelaar	RTC	78	(1959)	190
$C_{14}H_{13}N_3$	5-Benzylaminopyridino (1':2',1:2)glyoxaline	-	Sol	Freq	Bristow	JCS	-	(1954)	616
$C_{14}H_{13}N_3$	N-Benzyl-N-2-pyridyl-aminoacetonitrile	-	Sol	Freq	Bristow	JCS	-	(1954)	616
$C_{14}H_{13}N_3O$	Benzophenone semicarazone	700-3500	S	Ident, Assign	Davison	JCS	-	(1955)	3389
$C_{14}H_{14}$	2,4-Dimethylbiphenyl	650-2010	L	Spec	Cannon	SA	4	(1951)	373
$C_{14}H_{14}$	3,4'-Dimethylbiphenyl	650-2000	L	Struct	Cannon	SA	4	(1951)	373
$C_{14}H_{14}$	3,5-Dimethylbiphenyl	650-2020	L	Spec	Cannon	SA	4	(1951)	373
$C_{14}H_{14}$	1,1-Diphenylethane	3-4 μ	Sol	Dispersion	Wright	RSI	15	(1944)	22
		8000-9000	Sol	Anal	Hibbard	AC	21	(1949)	486
		-	-	Ident	Corson	JOC	19	(1954)	17
		-	Sol	Freq	Potts	AC	27	(1955)	1027
$C_{14}H_{14}$	1,2-Diphenylethane	3.1-3.7 μ	Sol	Spec	Fox	PRS	167	(1938)	257
		3-4 μ	L	Prism dispersion	Wright	RSI	15	(1944)	22
		-	-	Bond energy	Szwarc	DFS	2	(1947)	39
		700-3100	L,S	Spec	Richards	PRS	195	(1948)	1
		-	Sol	Anal	Rabinovitch	JACS	75	(1953)	2652

		2-15 μ	-	Ident	Overberger	JACS	77 (1955)	4104
		-	Sol	Freq	Potts	AC	27 (1955)	1027
		-	Sol	Freq	Rondestvedt	JACS	77 (1955)	1769
		600-4000	Sol	Group freq, Substitution effect	Katritzky	JCS	- (1958)	4155
$C_{14}H_{14}$	m-Ethylbiphenyl	-	-	Anal	Dannley	JACS	77 (1955)	1588
$C_{14}H_{14}$	o-Ethylbiphenyl	-	-	Anal	Dannley	JACS	77 (1955)	1588
$C_{14}H_{14}$	p-Ethylbiphenyl	-	-	Anal	Dannley	JACS	77 (1955)	1588
$C_{14}H_{14}$	2-Methyldiphenylmethane	15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
$C_{14}H_{14}$	3-Methyldiphenylmethane	15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
$C_{14}H_{14}$	Phenyl-p-tolylmethane	8000-9000	Sol	Anal	Hibbard	AC	21 (1949)	486
		15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
$C_{14}H_{14}$	1,2,3,4-Tetrahydrophenanthrene	2-15 μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{14}H_{14}Br_2O_3$	1-Bromo-1-p-bromobenzoylcyclohexane-2-carboxylic acid	2-16 μ	Sol	Spec	Bartlett	JACS	73 (1951)	4275
$C_{14}H_{14}ClNO$	N-2-Methoxybenzyl-4-chloraniline	3200-3500	Sol	Freq, Spec	Moritz	SA	15 (1959)	242
		3300-3500	S,Sol	Freq, Config	Moritz	SA	16 (1960)	1176
$C_{14}H_{14}ClNO_2$	2-Chloro-3-diethylamino-1,4-naphthaquinone	-	Sol	Freq	Buckley	JCS	- (1957)	4891
$C_{14}H_{14}Cl_2Si$	Di-o-chlorobenzylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{14}H_{14}Cl_3NO_2$	2,3,5-Trichloro-6-(2'-hexamethyleneimino-vinyl)benzoquinone	-	Sol	Band study	Buckley	JCS	- (1957)	4891
$C_{14}H_{14}N_2 \cdot 1/2H_2O$	p-Aminobenzoic acid metabolite	2.9-13.25 μ	-	Band freq	Sloane	JACS	75 (1953)	6352

$C_{14}H_{14}N_2O$	Anisaldehyde phenylhydrazone	-	S	Ident	Witkop	JACS	75 (1953)	1975
$C_{14}H_{14}N_2O$	Benzoin hydrazone	-	-	Spec, Config	Domnin	ZOK	30 (1960)	799
$C_{14}H_{14}N_2O$	N-Benzyl- α-(4-pyridyl) acetamide	600-4000	Sol	Freq	Katritzky	JCS	- (1958)	4155
$C_{14}H_{14}N_2O$	4-Hydroxyazatoluene	600-1700	S	Freq, Spec	LeFevre	AJC	10 (1957)	26
$C_{14}H_{14}N_2O$	α-Phenylglycolaldehyde phenylhydrazone	650-4000	S,Sol	Freq	Tanner	SA	15 (1959)	20
$C_{14}H_{14}N_2O$	4,5,6,7-Tetrahydro-4-keto-3-methyl-1-phenylisoindazole	5.98-13.83 μ	S	I	Smith	JCS	- (1953)	803
$C_{14}H_{14}N_2OS_2$	4,4'-Dimethylmercaptoazoxybenzene	1-15 μ	S,Sol, L	Assign	Maier	ZE	62 (1958)	1020
$C_{14}H_{14}N_2O_2$	4-Acetoxy-5-methyl-6-phenyl-7H-1,2-diazepine	-	-	Band freq, I	Moore	JACS	77 (1955)	3417
$C_{14}H_{14}N_2O_2$	2-Acetyl-1,2,3,4-tetrahydro-8-methyl-1-oxo-β carboline	6 μ	S	Band study	Abramovitch	JCS	- (1957)	1413
$C_{14}H_{14}N_2O_2$	2-Acetyl-1,2,3,4-tetrahydro-9-methyl-1-oxo-β carboline	6 μ	S	Band study	Abramovitch	JCS	- (1957)	1413
$C_{14}H_{14}N_2O_2$	N,N'-Dibenzyldiimide dioxide	600-1600	L,S, Sol	Freq	George	CJC	37 (1959)	679
$C_{14}H_{14}N_2O_2$	4,4'-Dimethoxyazobenzene	1-15 μ	S,Sol, L	Assign	Maier	ZE	62 (1958)	1020
$C_{14}H_{14}N_2O_2$	Phenylnitrosomethane dimer	-	-	Freq, Struct	Luttke	ZE	61 (1957)	976

$C_{14}H_{14}N_2O_2$	4,5,6,7-Tetrahydro-1-p-aminophenylisatin	900-4000	S,Sol	Freq	O'Sullivan	JCS	(1959)	876
$C_{14}H_{14}N_2O_3$	4,4'-Dimethoxyazoxybenzene	1-15 μ	S,Sol, L	Assign	Maier	ZE	62 (1958)	1020
$C_{14}H_{14}N_2O_4 \cdot H_2SO_4$	2-Amino-3-hydroxytropone sulfate	728-3413	S	Table	Johnson	JCS	- (1955)	1841
$C_{14}H_{14}N_2O_6S_2$	4,4-Diamino-2,2'-disulfostilbene	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{14}H_{14}N_2S_2$	4,4-Dimethylmercaptoazobenzene	1-15 μ	S,L, Sol	Assign	Maier	ZE	62 (1958)	1020
$C_{14}H_{14}N_4$	Benzyl dihydrazone	-	-	Spec, Config	Domnin	ZOK	30 (1960)	799
$C_{14}H_{14}N_4$	bis-(Pyridinal)ethylenediimine	600-4000	Sol	Assign	Bush	JACS	78 (1956)	1137
$C_{14}H_{14}N_4O_2$	4-Dimethylamino-4-nitroazobenzene	600-1700	S	Spec, Freq	LeFevre	AJC	10 (1957)	26
$C_{14}H_{14}N_4O_7$	2,6-Dimethyl-4-methoxypyridinium picrate	1400-1700	S	Freq	Tsubomura	JCP	28 (1958)	355
$C_{14}H_{14}N_4S_2 \cdot 2HCl$	Di-p-amidinophenyl disulfide dihydrochloride	5.5-24 μ	S	Spec, Freq	Cymerman	JCS	- (1951)	1332
$C_{14}H_{14}O$	Dibenzyl ether	0.8-2.5 μ	L	Spec	Sappenfield	PR	33 (1929)	37
		-	-	Freq, Assign	Murray	JCP	9 (1941)	129
		1050-2000	-	Spec	Barnes	IEC	15 (1943)	659
		700-1500	L	Spec, Assign	Richards	JCS	- (1947)	1260
		15-20 μ	L	Transparent solvent	Marrison	JSI	29 (1952)	233
$C_{14}H_{14}O$	1,2-Diphenylethanol	-	Sol	H bond, Anal	Bailey	JACS	75 (1953)	2951
		600-4000	Sol	Spec, Ident	Curtin	JACS	75 (1953)	6011
		1.4 μ	Sol	H bond	Goldman	JOC	23 (1958)	751

$C_{14}H_{14}O$	p-Ethoxybiphenyl	1050-1800	-	Spec	Barnes	IEC	15 (1943)	659
$C_{14}H_{14}O$	Methyldiphenylmethanol	-	-	Freq, Assign	Michinori	BCSJ	32 (1959)	950
$C_{14}H_{14}O$	Phenyl-p-tolylmethanol	665-5000	L	Freq	Zeiss	JACS	75 (1953)	897
$C_{14}H_{14}O_2$	m-Benzyloxybenzyl alcohol	-	-	Freq, Iso	Oki	BCSJ	32 (1959)	955
$C_{14}H_{14}O_2$	p-Benzyloxybenzyl alcohol	-	-	Freq, Iso	Oki	BCSJ	32 (1959)	955
$C_{14}H_{14}O_2$	1,1-Diacetyl-4-phenyl-1,3-butadiene	1200-1800	Sol	Spec, Freq	Lacey	JCS	- (1960)	3153
$C_{14}H_{14}O_2$	4,4'-Dihydroxy- α,α-diphenylethane	700-3600	S,Sol	Spec, Assign	Richards	JCS	- (1947)	1260
$C_{14}H_{14}O_2$	1,2-Diphenoxyethane	7-14 μ	L	Freq	Miyake	JACS	82 (1960)	3040
$C_{14}H_{14}O_2$	cis-Di(p-tolyl)diol	3 μ	-	H bond	Moriconi	JOC	22 (1957)	1651
$C_{14}H_{14}O_2S$	Benzyl p-tolyl sulphone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{14}H_{14}O_2S$	Dibenzyl sulfone	1000-1500 1100-1400	Sol Sol	Spec Freq, Spec	Schreiber Bavin	AC SA	21 (1949) 16 (1960)	1168 1312
$C_{14}H_{14}O_2S$	Phenyl β-phenylethyl sulfone	6.2-14.5 μ	S	I	Field	JACS	74 (1952)	3919
$C_{14}H_{14}O_3$	Dihydrodesmethoxy-yangonine	2-12 μ	Sol	Struct	Chmielewska	TE	4 (1958)	36
$C_{14}H_{14}O_3$	Dihydrodesmethoxy-pseudoyangonine	2-12 μ	Sol	Struct	Chmielewska	TE	4 (1958)	36
$C_{14}H_{14}O_3$	2-Isovalerylindane-1,3-dione	-	-	Freq, Struct	Birch	JCS	- (1951)	3026
$C_{14}H_{14}O_3$	Kawain	700-1330	S,Sol	Spec	Fowler	JCS	- (1950)	3642

$C_{14}H_{14}O_3$	2-Phenylacetylcyclohexane-1,3-dione	-	L,S	Freq	Rogers	JCS	-	(1955)	341
$C_{14}H_{14}O_4$	Diallyl phthalate	1050-1800	-	Spec	Barnes	IEC	15	(1943)	659
		-	Sol	Ident, Freq	Kruse	AC	24	(1952)	2015
		2-15 μ	L	Spec	Kendall	APS	7	(1953)	179
$C_{14}H_{14}O_4$	Tetradeca-2,12-diene-6,8-diynedioic acid	-	-	I	Shaw	JCS	-	(1954)	3217
$C_{14}H_{14}O_4$	1,5,9,10-Tetrahydroxy-1,4,11,12-tetrahydroanthracene	-	-	Spec	Inhoffen	CCA	29	(1957)	329
$C_{14}H_{14}O_4$	1,8,9,10-Tetrahydroxy-1,4,11,12-tetrahydroanthracene	-	-	Spec	Inhoffen	CCA	29	(1957)	329
$C_{14}H_{14}O_4S$	2,4-Dimethoxy(phenylsulfonyl)benzene	-	S	Freq	Amstutz	JACS	73	(1951)	1220
$C_{14}H_{14}O_4S$	Di-m-methoxyphenyl sulfone	1150	Sol	Freq	Rogers	JACS	78	(1956)	1790
$C_{14}H_{14}O_4S_2$	1,2-Di-(phenylsulfonyl) ethane	1000-1500	Sol	Spec	Schreiber	AC	21	(1949)	1168
$C_{14}H_{14}O_4S_5$	bis-Toluene-p-sulfonyl trisulfide	5.5-24 μ	S	Spec, Freq	Cymmerman	JCS	-	(1951)	1332
$C_{14}H_{14}O_5$	Trimethylpurpurogallin	-	Sol	Freq	Bryant	JOC	19	(1954)	1889
$C_{14}H_{14}O_6$	2-Hydroxy-4,6-dimethoxycoumaran-3-one-2-β-butyric acid lactone	-	-	Ident	MacMillen	JCS	-	(1953)	1697
$C_{14}H_{14}O_7$	Dimethyl benzoxymethoxy maleate	2.78-9.77 μ	Sol	Group freq	Goodwin	JACS	76	(1954)	5599

$C_{14}H_{14}O_7$	3-(7-Methoxy-3-methyl-phthalidyl)succinic acid	-	-	Ident	Kushner	JACS	74 (1952) 3710
$C_{14}H_{14}O_8$	Tetramethyl benzene-1,2,3,4-tetracarboxylate	-	-	Ident	Fuson	JOC	18 (1953) 496
		3.45-14.30μ	S	I, Ident	Wintersteiner	JACS	75 (1953) 2781
$C_{14}H_{14}S$	Benzyl sulfide	0.6-2.8μ	L	Group freq	Ellis	JACS	70 (1948) 2113
		1000-1500	Sol	Spec	Schreiber	AC	21 (1949) 1168
$C_{14}H_{14}S_2$	Di-benzyl disulfide	400-1700	S	Assign, Spec	Trotter	JCS	- (1946) 481
		-	-	Freq	Sheppard	TFS	46 (1950) 429
$C_{14}H_{14}S_2$	1,2-Di(phenylmercapto) ethane	1000-1500	Sol	Spec	Schreiber	AC	21 (1949) 1168
$C_{14}H_{14}S_2$	Di-o-tolyl disulfide	5.5-24μ	S	Spec, Freq	Cymmerman	JCS	- (1951) 1332
$C_{14}H_{14}S_2$	Di-p-tolyl disulfide	5.5-24μ	S	Spec, Freq	Cymmerman	JCS	- (1951) 1332
$C_{14}H_{14}Si$	Diphenylvinylsilane	2050-2250	Sol	Freq	Smith	SA	15 (1959) 412
$C_{14}H_{15}BrO_3$	cis-1-p-Bromobenzoyl-cyclohexane-2-carboxylic acid	2-16μ	Sol	Spec	Bartlett	JACS	73 (1951) 4275
$C_{14}H_{15}BrO_3$	trans-1-p-Bromobenzoyl cyclohexane-2-carboxylic acid	2-16μ	Sol	Spec	Bartlett	JACS	73 (1951) 4275
$C_{14}H_{15}BrO_4$	1-Hydroxy-1-p-bromo-benzoylcyclohexane-2-carboxylic acid	2-16μ	Sol	Spec, Iso	Bartlett	JACS	73 (1951) 4275
$C_{14}H_{15}ClO_6$	7-Chloro-4,6-dimethoxy-coumaranone-2-β-butyric acid	-	-	Ident, Struct	Grove	JCS	- (1952) 3958
		-	Sol	Spec	Duncanson	JCS	- (1957) 3555
$C_{14}H_{15}ClO_7$	7-Chloro-2-hydroxy-4,6-dimethoxycoumaran-3-one-2-β-butyric acid	700-1900	-	Spec, Group freq	Grove	JCS	- (1952) 3967

$C_{14}H_{15}N$	N-Benzyl-2-methylaniline	3200-3500	Sol	Freq, Spec	Moritz	SA	15 (1959)	242
		3300-3500	S,Sol	Freq, Config	Moritz	SA	16 (1960)	1176
$C_{14}H_{15}N$	N-Benzyl-p-methylaniline	3370-3470	Sol	Group study	Oki	BCSJ	33 (1960)	784
$C_{14}H_{15}N$	N-Benzyl-N-methylaniline	2900-3100	Sol	Freq	Hill	JCS	- (1958)	760
$C_{14}H_{15}N$	Dibenzylamine	1-12	L	Spec	Bell	JACS	48 (1926)	818
		0.6-2.4	L	Group study	Ellis	JACS	50 (1928)	685
		6400-6800	Sol	Band study	Liddel	JACS	55 (1933)	3574
		2-15	Sol	Reference	Overberger	JACS	77 (1955)	4100
		-	Sol	Freq, I	Russell	JCS	- (1955)	483
$C_{14}H_{15}N\cdot HCl$	Dibenzylamine hydrochloride	600-4000	S	Freq, Assign	Stone	JCS	- (1958)	52
$C_{14}H_{15}N$	N-p-Diphenylylethylamine	-	S,Sol	Group freq	Baxter	JCS	- (1955)	669
$C_{14}H_{15}NO$	N-Benzyl-p-methoxyaniline	-	-	Freq	Oki	BCSJ	32 (1959)	955
		3370-3470	Sol	Group study	Oki	BCSJ	33 (1960)	784
$C_{14}H_{15}NO$	1,2-Dihydro-2-phenyl-3,1,4a-benzoxazine	-	Sol	Freq	Witkop	JACS	76 (1954)	5589
$C_{14}H_{15}NO.HCl$	1,2-Dihydro-2-phenyl-3,1,4a-benzoxazine hydrochloride	-	S	Freq	Witkop	JACS	76 (1954)	5589
$C_{14}H_{15}NO$	2-N-p-Diphenylaminoethanol	-	S,Sol	Group freq	Baxter	JCS	- (1955)	669
$C_{14}H_{15}NO$	N-2-Hydroxybenzyl-3-methylaniline	3200-3500	Sol	Freq, Spec	Moritz	SA	15 (1959)	242
$C_{14}H_{15}NO$	N-2-Hydroxybenzyl-4-methylaniline	3200-3500	Sol	Freq, Spec	Moritz	SA	15 (1959)	242
$C_{14}H_{15}NO$	2-Keto-1,2,3,4,5,6-hexahydrocyclooctindole	2-11	Sol	Spec	Witkop	JACS	73 (1951)	2641
$C_{14}H_{15}NO$	N-m-Methoxybenzylaniline	3370-3470	Sol	Group study	Oki	BCSJ	33 (1960)	784

$C_{14}H_{15}NO$	N-o-Methoxybenzylaniline	3200-3500	Sol	Freq, Spec	Moritz	SA	15 (1959)	242
		3300-3500	S,Sol	Freq, Config	Moritz	SA	16 (1960)	1176
$C_{14}H_{15}NO$	N-p-Methoxybenzylaniline	-	-	Freq	Oki	BCSJ	32 (1959)	955
		3370-3470	Sol	Group study	Oki	BCSJ	33 (1960)	784
$C_{14}H_{15}NO$	1,(2'-Quinolyl)-4-pentanone	-	-	Freq	Boekelheide	JACS	73 (1951)	4015
$C_{14}H_{15}NO$	5,6,7,8-Tetrahydro-8-hydroxy-9-methyl-phenanthridine	3.18-13.42μ	S	I	Smith	JCS	- (1953)	803
$C_{14}H_{15}NO_2$	1-(2,6-Diketocyclohexyl) ethylideneaniline	3.75-13.87μ	S	I	Smith	JCS	- (1953)	803
$C_{14}H_{15}NO_2$	1-(2,6-Dioxocyclohexyl)-2-anilinoethylidene	-	S,L	Freq	Rogers	JCS	- (1955)	341
$C_{14}H_{15}NO_2$	Ethyl (β-phenylisopropyl-idine) cyanoacetate	-	-	Struct	Fuson	JOC	16 (1951)	1529
$C_{14}H_{15}NO_2$	N-2-Hydroxybenzyl-4-methoxyaniline	3200-3500	Sol	Spec, Freq	Moritz	SA	15 (1959)	242
$C_{14}H_{15}NO_3$	dl-Anhydromonocrotal anilide	866-3345	S	Freq	Ames	JCS	- (1954)	375
$C_{14}H_{15}NO_3$	1,4-Diethyl-4-phenyl-2,3,5-pyrrolidinetrione	2-16μ	S	Spec	Skinner	JACS	72 (1950)	5569
$C_{14}H_{15}NO_3$	Ethyl β-cyano-α-ethoxy-cinnamate	2-16μ	L	Spec	Skinner	JACS	73 (1951)	2230
$C_{14}H_{15}NO_3 \cdot HCl$	3-(N-Morpholinomethyl) chromone hydrochloride	-	-	Spec	Wiley	JACS	74 (1952)	4326
$C_{14}H_{15}NO_3$	1-Phenyl-4,4-diethyl-2,3,5-pyrrolidinetri...	2-16μ	S	Spec	Skinner	JACS	72 (1950)	5569

$C_{14}H_{15}NO_3$	Spiro- [cyclopentane-1,2'-N-acetoxy-ψ-indoxyl]	2-11 μ	Sol	Band study	Witkop	JACS	72	(1950)	614
$C_{14}H_{15}NO_3S$	N-Benzenesulfonyl-p-phenetidine	-	S,Sol	Freq	Baxter	JCS	-	(1955)	669
$C_{14}H_{15}NO_4$	1-cis-5-Methyl-2-cyclohexenyl p-nitrobenzoate	-	Sol	Ident	Goering	JACS	76	(1954)	5405
$C_{14}H_{15}NO_6$	Diethyl p-nitrobenzylidenemalonate	2-15 μ	S	Spec, Freq	Abramovitch	CJC	36	(1958)	151
$C_{14}H_{15}N_3$	p-N,N-Dimethylaminoazobenzene	420-4000	-	Spec, Assign	Gray	DA	19	(1958)	454
$C_{14}H_{15}N_3OS_2$	3-Allyl-5-p-dimethylaminophenyliminorhodanine	-	-	Freq, Struct	Mackie	JCS	-	(1954)	3919
$C_{14}H_{15}O_3P$	Dibenzyl phosphonate	700-1400	Sol	Spec, Freq	Bellamy	JCS	-	(1952)	475
		-	-	Freq	Bellamy	JCS	-	(1952)	1701
		-	-	Freq	Bell	JACS	76	(1954)	5185
$C_{14}H_{15}O_4P$	Dibenzyl hydrogen phosphate	-	-	Freq	Bellamy	JCS	-	(1952)	1701
		670-3500	-	Spec, Assign	Bellamy	JCS	-	(1953)	728
		-	-	Freq	Bell	JACS	76	(1954)	5185
		1500-4000	S	Spec	Braunholtz	JCS	-	(1959)	868
$C_{14}H_{15}O_4P$	Ethyl diphenyl phosphate	670-1600	L,S	Spec, Freq	Bellamy	JCS	-	(1952)	475
		900-1060	Sol	Freq, I	Halmann	JCS	-	(1953)	626
		-	-	Freq	Bell	JACS	76	(1954)	5185
$C_{14}H_{15}O_6P$	Di-o-methoxyphenyl hydrogen phosphate	-	-	Freq	Bellamy	JCS	-	(1952)	1701
		-	-	Group freq	Bell	JACS	76	(1954)	5185
		600-4000	S	Group study	Braunholtz	JCS	-	(1959)	868
$C_{14}H_{16}$	2-t-Butylnaphthalene	6 μ	-	Spec	Kietz	JACS	70	(1948)	4026

$C_{14}H_{16}$	1,2,5,6-Tetramethyl-naphthalene	-	-	Ident	Grant	JACS	76 (1954) 5001
$C_{14}H_{16}$	1,3,5,8-Tetramethyl-naphthalene	900-630	S,Sol	Substitution effect	Cencelj	SA	7 (1955) 274
$C_{14}H_{16}$	1,4,5,7-Tetramethyl-naphthalene	2-16μ	S,Sol	Spec	Mosby	JACS	74 (1952) 2564
$C_{14}H_{16}$	1,4,5,8-Tetramethyl-naphthalene	2-16μ 630-900	S,Sol S,Sol	Spec Substitution effect	Mosby Cencelj	JACS SA	74 (1952) 2564 7 (1955) 274
$C_{14}H_{16}$	1,4,6,7-Tetramethyl-naphthalene	2-16μ 630-900	S,Sol S,Sol	Spec Substitution effect	Mosby Cencelj	JACS SA	74 (1952) 2564 7 (1955) 274
$C_{14}H_{16}ClNS$	7-Chloro-4-n-butylthio-2-methylquinoline	2-16μ	S	Spec	Hannan	JACS	71 (1949) 3733
$C_{14}H_{16}ClNS$	7-Chloro-4-methyl-2-n-butylthioquinoline	2-16μ	L	Spec	Hannan	JACS	71 (1949) 3733
$C_{14}H_{16}ClN_3O$	N,O-Di-(2-cyano-2-propyl) N-m-Chlorophenylhydroxyl-amine	-	-	Freq, I	Gingras	JCS	- (1954) 1920
$C_{14}H_{16}ClN_3O$	N,O-Di-2-Cyano-2-propyl) N-o-chlorophenyl-hydroxylamine	-	-	Freq, I	Gingras	JCS	- (1954) 1920
$C_{14}H_{16}ClN_3O$	N,O-Di-(2-Cyano-2-propyl) N-p-chlorophenyl-hydroxylamine	-	-	Freq, I	Gingras	JCS	- (1954) 1920
$C_{14}H_{16}Cl_2N_2O_3$	2,5-Dichloro-3-dimethyl-amino-6-(2'-morpholino-vinyl) benzoquinone	-	Sol	Band freq	Buckley	JCS	- (1957) 4891
$C_{14}H_{16}Cl_2N_2O_4$	2,5-Dichloro-3,6-dimor-pholino-benzoquinone	-	Sol	Band study	Buckley	JCS	- (1957) 4891

$C_{14}H_{16}NO_3P$	Dibenzylamino phosphonate	-	-	Freq	Bellamy	JCS	-	(1952) 1701
$C_{14}H_{16}N_2$	1,1-Dibenzylhydrazine	2-15 μ	-	Reference	Overberger	JACS	77	(1955) 4100
$C_{14}H_{16}N_2 \cdot HCl$	2,6-Dimethyl-4-(β-phenylethyl)pyrimidine hydrochloride	-	-	Struct	Sullivan	JACS	77	(1955) 1559
$C_{14}H_{16}N_2$	2-(2'-Quinolyl)-3-dimethylamino-1-propene	-	-	Band freq	Boekelheide	JACS	73	(1951) 4015
$C_{14}H_{16}N_2O$	1-Methyl-2-phenylcyclopentyl diazomethyl ketone	-	-	Group freq	Newman	JACS	75	(1953) 349
$C_{14}H_{16}N_2O$	Monopiperidinoquinoline-N-oxide	700-3000	-	Spec	Shindo	CPBT	8	(1960) 845
$C_{14}H_{16}N_2O_2$	3-Cyclohexylbenzoylene-urea	2-16 μ	S	Spec, Group freq	Staiger	JOC	18	(1953) 1427
$C_{14}H_{16}N_2O_3$	N,N-Diethylphthaloyl-glycylamide	2-11 μ	Sol	Spec, Freq, Struct	Sheehan	JACS	73	(1951) 4367
$C_{14}H_{16}N_2O_4$	N,N'-Diacetoxytetrahydro-4',4'-dipyridyl	650-3900	S	Spec	Frank	JACS	70	(1948) 1767
$C_{14}H_{16}N_2O_5$	1,2-Dicarbethoxy-N-glyoxal monophenylhydrazone	650-1000	Sol	H bond	Tanner	SA	15	(1959) 20
$C_{14}H_{16}N_2O_6$	2,6-Diacetoxy-3-diacetylamino-4-methylpyridine	766-1767	S	Freq	Ames	JCS	-	(1953) 3008
$C_{14}H_{16}N_4O_6$	2-Acetoxycyclohexanone 2,4-dinitrophenylhydrazone	-	Sol	Band freq	Ramirez	JACS	75	(1953) 6026
$C_{14}H_{16}O$	1-Benzoylcycloheptene	-	-	Group freq	Ginsburg	JCS	-	(1954) 2361

$C_{14}H_{16}O$	cis-1,2,3,4,4a,9,10,10a-Octahydro-9-keto-phenanthrene	2-12 μ	-	Spec	Gutsche	JACS	73 (1951)	786
$C_{14}H_{16}O$	trans-1,2,3,4,4a,9,10,10a-Octahydro-9-ketophenanthrene	2-12 μ	-	Spec	Gutache	JACS	73 (1951)	786
$C_{14}H_{16}O$	4b,5,6,7,8,9,9a,10-Octahydro-10-ketocyclohepta[a]indene	2-12 μ	-	Spec	Gutsche	JACS	73 (1951)	786
$C_{14}H_{16}O$	1,2,3,4,7,8,9,10-Octahydro-7-oxo-5,6-benzazulene	-	-	Group freq	Ginsburg	JCS	- (1954)	2361
$C_{14}H_{16}O$	1-Phenylacetylcyclohexene	-	-	Group freq	Parham	JACS	77 (1955)	1166
$C_{14}H_{16}O$	2,4,6,8,10,12-Tetradecahexaenal	1400-2000	S,Sol	Spec	Blout	JACS	70 (1948)	194
$C_{14}H_{16}O_2Si$	bis-(p-Methoxyphenyl) silane	2-13 μ	Sol	Spec	West	JOC	18 (1953)	303
$C_{14}H_{16}O_2Si$	Di-p-anisylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{14}H_{16}O_3$	2-Benzoylcyclopentyl-acetic acid	-	-	Group freq, I	Ginsburg	JACS	76 (1954)	2361
$C_{14}H_{16}O_3$	Norsantonin	835-3020	Sol	I, Freq	Gunstone	JCS	- (1955)	1130
$C_{14}H_{16}O_3$	4-Norsantonin	2-15 μ	Sol	Struct	Kanzawa	JACS	80 (1958)	3705
$C_{14}H_{16}O_3$	11-Norsantonin	2-15 μ	S	Struct	Kanzawa	JACS	80 (1958)	3705
$C_{14}H_{16}O_3$	Xanthatin	2-12 μ	Sol	Spec, Freq, Struct	Geissman	JACS	76 (1954)	685
$C_{14}H_{16}O_5$	3,4-Dihydro-6,7-dimethoxy-3-methyl-1(2)naphthalenone-4-carboxylic acid	-	Sol	Group freq	Edwards	JACS	76 (1954)	6188

$C_{14}H_{16}O_6$	Ethyl phthalyl ethyl glycolate	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{14}H_{16}O_7$	4,5,6-Trimethoxyindane-2,3-dicarboxylic acid	-	S	Group freq	Koo	JACS	75 (1953)	1889
$C_{14}H_{16}Si$	Dibenzylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{14}H_{16}Si$	Dimethyldiphenylsilane	3-12 μ	L	Spec	Kanazashi	BCSJ	27 (1954)	441
		2-15 μ	Sol	Freq, Spec, Struct	Smith	SA	16 (1960)	87
$C_{14}H_{16}Si$	Di-p-tolylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{14}H_{16}Si$	Methylphenyl-m-tolyl-silane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{14}H_{16}Si$	Methylphenyl-o-tolyl-silane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{14}H_{16}Si$	Methylphenyl-p-tolyl-silane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{14}H_{17}ClN_2$	Harmaline methochloride		Sol	Band freq	Witkop	JACS	75 (1953)	4474
$C_{14}H_{17}N$	N,N-Diethyl-1-naphthyl-amine	2-12 μ	L	Spec	Bell	JACS	47 (1925)	3039
		0.6-2.3 μ	L	Group study	Ellis	JACS	50 (1928)	685
$C_{14}H_{17}N \cdot HCl$	Spiro-(Cyclopentane-1,3-pseudo-2'-ethylindole) hydrochloride	2-12 μ	Sol	Spec	Witkop	JACS	73 (1951)	1558
$C_{14}H_{17}N \cdot HCl$	11-Ethyltetrahydro-carbazolenine hydrochloride	2-12 μ	Sol	Spec	Witkop	JACS	73 (1951)	1558
$C_{14}H_{17}NO$	Benzo i -6-keto-1-azabicyclo[5.4.0]-hendecane	-	Sol	Freq	Leonard	JACS	76 (1954)	3193

$C_{14}H_{17}NO$	1,4-Dimethyl-3-propyl-carbostyryl	2-16μ	Sol	Spec, Freq	Cook	JOC	79 (1957) 211
$C_{14}H_{17}NO$	α-Mesityllevulinonitrile	-	-	Group freq	Fuson	JACS	74 (1952) 1631
$C_{14}H_{17}NO$	6-Methoxy-1,4,4a,9,10,10a-hexahydrophenanthridine	2-15μ	S,Sol	Band freq	Wildman	JACS	76 (1954) 152
$C_{14}H_{17}NO_2 \cdot HCl$	3-Diethylaminomethyl-chromone hydrochlorde	-	-	Spec	Wiley	JACS	74 (1952) 4326
$C_{14}H_{17}NO_2S$	1-Cyano-2-benzylsulfonyl cyclohexane	650-3800	S	Spec	Ross	JACS	73 (1951) 129
$C_{14}H_{17}NO$	6-(4'-Carbomethoxy)butyl -2-hydroxy-1,7H-pyrindine	-	Sol	Band freq, I	Ramirez	JACS	77 (1955) 1035
$C_{14}H_{17}NO_3 \cdot HCl$	6-(4'-Carbomethoxy)butyl-2-hydroxy-1,7H-pyrindine hydrochloride	-	S	Band freq, I	Ramirez	JACS	77 (1955) 1035
$C_{14}H_{17}NO_3$	9-Carbomethoxy-1,2,3,4,4a, 10a-hexahydrobenzo[b] pyrrocolin-6(10H)-one	-	Sol	Band freq	Ramirez	JACS	77 (1955) 3337
$C_{14}H_{17}NO_3$	β-Morpholinoylpropiophe-none	700-4000	S,Sol	Assign, Struct	Cromwell	JACS	80 (1958) 4573
$C_{14}H_{17}NO_4$	9-Acetoxy-10,11-dihydroxy-hexahydrocarbazole	2-11μ	Sol	Table	Witkop	JACS	72 (1950) 614
$C_{14}H_{17}NO_4$	6-(4'-Carbomethoxy) butyl-2-hydroxy-5-oxo-6,7-dihydro-1,5H-pyrindine	-	Sol	Band freq, I	Ramirez	JACS	77 (1955) 1035
$C_{14}H_{17}NO_4$	cis-3-Methylcyclohexyl	-	Sol	Ident	Goering	JACS	76 (1954) 5405

$C_{14}H_{17}NS$	1-Cyano-2-benzylmercapto-cyclohexane	650-3800	S	Spec	Ross	JACS	73	(1951)	129
$C_{14}H_{17}N_3O$	N,O-Di-(2-cyano-2-propyl) N-phenylhydroxylamine	-	-	Group freq, I	Gingras	JCS	-	(1954)	1920
$C_{14}H_{18}$	sym-Octahydroanthracene	-	-	Freq, Spec	Scheer	JACS	77	(1955)	3300
		2-15	-	Struct, Ident	Cagniant	BSCF	-	(1957)	1403
$C_{14}H_{18}$	sym-Octahydrophenan-threne	-	Sol	Band study	Scheer	JACS	77	(1955)	3300
$C_{14}H_{18}$	cis-Unsym-octahydro-phenanthrene	3.2-3.5	Sol	Band freq	Wall	JACS	62	(1940)	2225
$C_{14}H_{18}$	2,4,6,8,10,12-Tetradeca-hexaene	1400-2000	S	Spec	Blout	JACS	70	(1948)	194
$C_{14}H_{18}F_8O_4$	Di-n-butyl octafluoro-adipate	-	L	Group freq	Rappaport	JACS	75	(1953)	2695
$C_{14}H_{18}F_8O_4$	Di-sec-butyl octafluoro-adipate	-	L	Group freq	Rappaport	JACS	75	(1953)	2695
$C_{14}H_{18}F_8O_4$	2,2,3,3,4,4,5,5-Octafluoro-1,6-hexanediol dibutyrate	-	L	Group freq	Rappaport	JACS	75	(1953)	2695
$C_{14}H_{18}IN$	spiro-(Cyclopentane-1,3'-pseudo-2'-methylindole) methiodide	-	Sol	Band freq	Witkop	JACS	75	(1953)	4474
$C_{14}H_{18}N_2$	-Methyl- -(2-piperidyl) indole	-	-	Ident	VanTamelen	JACS	77	(1955)	1860
$C_{14}H_{18}N_2$	5,5-Dimethyl-3-isopropyli-dene-2-(3'-pyridyl)pyrroline	6.36 ●	Sol	Effect of subst	Meyers	JOC	24	(1959)	1233

$C_{14}H_{18}N_2$	5,5-Dimethyl-3-isopropyl-indene-2-(4'-pyridyl) pyrroline	6.36	Sol	Effect of subst	Meyers	JOC	24 (1959)	1233
$C_{14}H_{18}N_2O_2$	N-Carbethoxymethyl-N- -cyanopropyl-aniline	-	-	Group freq	Leonard	JACS	75 (1953)	3727
$C_{14}H_{18}N_2O_4$	3,6-Dimorpholino-p-benzoquinone	-	Sol	Band freq	Buckley	JCS	- (1957)	4891
$C_{14}H_{18}N_4O_4$	2,2-Dimethylcyclohexa-none-2,4-dinitrophenyl-hydrazone	2-16	Sol	Spec, Freq	Ramirez	JACS	76 (1954)	1037
$C_{14}H_{18}N_4O_8$	4-Piperidylacetone piorate	-	S	Group freq	Leonard	JACS	75 (1953)	6249
$C_{14}H_{18}N_6O_6S$	3,5'-Cyclo-6-dimethyl-amino-9-(3'-amino-)3'-deoxy- -D-ribofuranosyl) purine-2',3'-carbonate methanesulfonate	-	S	Group freq	Baker	JACS	77 (1955)	15
$C_{14}H_{18}O$	-n-Amyloinnamaldehyde	-	Sol	Group freq	Pinchas	AC	27 (1955)	2
$C_{14}H_{18}O$	1,2-(3'-5'-Dimethylbenzo) cyclooct-1-en-3-one	-	L	Freq	Schubert	JACS	76 (1954)	5462
$C_{14}H_{18}O$	2-Hydroxy-sym-octahydro-phenanthrene	-	Sol	Freq	Scheer	JACS	77 (1955)	3300
$C_{14}H_{18}OSi_2$	Methyl methylphenylsiloxy-phenylsilane	2050-2250	S	Freq, Struc	Smith	SA	15 (1959)	412
$C_{14}H_{18}O_2$	2-Butyryl-5,6,7,8-tetrahydro-1-naphthol	800-2900	Sol	Spec, Freq	Lacey	JCS	- (1960)	3153

	tetrahydro-1-naphthol								
$C_{14}H_{18}O_2$	cis-syn-$\Delta^{9(14)}$-Dodecahydro-1,4-dioxophenanthrene	-	-	Band freq	Robins	JCS	-	(1954)	3960
$C_{14}H_{18}O_2$	trans-anti-$\Delta^{9(14)}$-Dodecahydro-1,4-dioxophenanthrene	-	-	Band freq	Robins	JCS	-	(1954)	3960
$C_{14}H_{18}O_2$	Vinyloxyethyl 2-crotylphenyl ether	-	-	Group freq	Butler	JACS	77	(1955)	482
$C_{14}H_{18}O_2$	Vinyloxyethyl 2-methallyl phenyl ether	-	-	Group freq	Butler	JACS	77	(1955)	482
$C_{14}H_{18}O_3$	2-Carbomethoxy-4-(α-ethylallyl)-6-methylphenol	9.5-11.5μ	L	Spec, Group freq, Struct	Rhoads	JACS	76	(1954)	3456
$C_{14}H_{18}O_3$	2-Carbomethoxy-4-(γ-ethylallyl)-6-methylphenol	9.5-11.5μ	L	Spec, Group freq, Struct	Rhoads	JACS	76	(1954)	3456
$C_{14}H_{18}O_3$	Methyl cresotinate α-ethylallyl ether	-	-	Group freq	Rhoads	JACS	75	(1953)	2531
		9-11μ	L	Spec, Freq, Struct	Rhoads	JACS	76	(1954)	3456
$C_{14}H_{18}O_3$	Methyl cresotinate γ-ethylallyl ether	-	-	Group freq	Rhoads	JACS	75	(1953)	2531
		9-11μ	L	Spec, Group freq, Struct	Rhoads	JACS	76	(1954)	3456
$C_{14}H_{18}O_3$	Methyl 6-keto-2-methyl-6-phenylhexanoate	-	-	Group freq	Newman	JACS	75	(1953)	349
$C_{14}H_{18}O_3$	13-Nor-3-oxoiresin	-	Sol	Freq	Djerassi	JACS	76	(1954)	6410
$C_{14}H_{18}O_4$	1-Ethoxy-1-guaiacyl-propanone-2-acetate	600-4000	S	Spec, Freq	Herzert	JOC	25	(1960)	405
$C_{14}H_{18}O_4$	Picrotoxinide	2-13μ	Sol	Spec, Freq	Conroy	JACS	74	(1952)	491
$C_{14}H_{18}O_4$	2,3,4-Trimethoxybenzosuber-5-one	-	-	Spec, Freq	Koo	JACS	75	(1953)	720

$C_{12}H_{18}O_6$	Methyl 4,6-benzylidene-α-D-glucopyranoside	2-16 μ	-	Spec, Struct	Rowen	JACS	73	(1951)	4484
$C_{14}H_{18}O_7$	Piceoside	20.7-152 μ	S	Transmission	Seifert	RSI	11	(1940)	365
$C_{14}H_{18}S_2$	meso-3,4-Di-(2-thienyl) hexane	3-14.5 μ	S,Sol	Spec, Freq	Sice	JACS	75	(1953)	1628
$C_{14}H_{19}BrN_4O \cdot HBr$	Neopyrithiamine hydrobromide	2-15 μ	S	Qual, Anal, Struct	Wilson	JACS	71	(1949)	2231
$C_{14}H_{19}BrO_9$	2,3,4,6-Tetra-O-acetyl-1-bromo-1-deoxy-α-D-galactopyranose	-	S	Band freq, I	Barker	JCS	-	(1954)	3468
$C_{14}H_{19}BrO_9$	2,3,4,6-Tetra-O-acetyl-1-bromo-1-deoxy-α-D-glucopyranose	-	S	Band freq, I	Barker	JCS	-	(1954)	3468
$C_{14}H_{19}IO_4$	Iodosobenzene di-isobutyrate	665-1755	S,Sol	Assign, I	Bell	JCS	-	(1960)	1209
$C_{14}H_{19}N$	spiro-(Cyclopentane-1,3'-1',2'-dimethylindoline)	-	-	Group freq	Witkop	JACS	75	(1953)	2572
$C_{14}H_{19}N$	spiro-(Cyclopentane-1,3'-pseudo-1',2'-dihydro-1',2'-dimethylindole)	-	Sol	Band freq	Witkop	JACS	75	(1953)	4474
$C_{14}H_{19}NO$	N-Cyclohexylphenyl-acetamide	1500-3600 3 μ	S,Sol Sol	Assign, Spec Freq	Richards Russell	JCS SA	- 8	(1947) (1956)	1248 138
$C_{14}H_{19}NO \cdot HCl$	β-Piperidenopropiophenone hydrochloride	28 μ	S	Spec	Nakanishi	BCSJ	30	(1957)	403
$C_{14}H_{19}NO_2$	cis-1-Benzyl-2-carbo-isopropoxy-3-methyl-ethylenimine	650-4000	L	Spec	Prostenik	JACS	77	(1955)	1856

	ethylenimine						
$C_{14}H_{19}NO_2$	trans-1-Benzyl-2-carbo-isopropoxy-3-methyl-ethylenimine	650-4000	L	Spec	Prostenik	JACS	77 (1955) 1856
$C_{14}H_{19}NO_3$	6-(4'-Carbomethoxy)butyl-2-hydroxy-6,7-dihydro-1,5H-pyrindine	-	Sol	Band freq, I	Ramirez	JACS	77 (1955) 1035
$C_{14}H_{19}NO_3$	2,3-Dihydroxy-6-methoxy-1,2,3,4,4a,9,10,10a-octahydrophenanthridine	2-15 μ	S	Substitution effect	Wildman	JACS	76 (1954) 152
$C_{14}H_{19}NO_3$	2-(2,3-Dimethoxyphenyl) cyclohexanone oxime	2-15 μ	S	Struct	Wildman	JACS	76 (1954) 152
$C_{14}H_{19}NO_3$	N-Homoveratrylpyrrolidone	-	-	Group freq	Wiesner	JACS	77 (1955) 675
$C_{14}H_{19}NO_3$	γ-Hydroxy-γ-phenylbut-yromoropholide	1500-3500	S	Assign, Struct	Cromwell	JACS	80 (1958) 4573
$C_{14}H_{19}NO_4$	Anisomycin	962-3545	Sol	Table	Sobin	JACS	76 (1954) 4053
$C_{14}H_{19}NO_4$	6-(4'-Carbomethoxy) butyl-2,5-dihydroxy-6,7-dihydro-1,5H-pyrindine	-	S	Band freq, I	Ramirez	JACS	77 (1955) 1035
$C_{14}H_{19}NO_4$	2,5-Diethoxyquinol mono-(2'-cyano-2'-propyl) ether	-	-	Group freq	Aparicio	JCS	- (1952) 4666
$C_{14}H_{19}NO_4$	γ-Phenyl-α,γ-dihydroxy-butyromorpholide	1500-3500	S	Band assign, Struct	Cromwell	JACS	80 (1958) 4573
$C_{14}H_{19}NO_5$	Ethyl 2-acetylamino-4,5-dimethoxyphenyl-acetate	-	Sol	Freq	Walker	JACS	77 (1955) 3844
$C_{14}H_{19}NS$	β-Phenylmercapto-α-n-amylpropionitrile	650-3600	L	Spec	Ross	JACS	73 (1951) 540

$C_{14}H_{19}N_3O_4$	α-(2'-Nitro-4',5'-dimethoxyphenyl)-γ-dimethylaminobutyronitrile	-	Sol	Freq	Walker	JACS	77 (1955) 3844
$C_{14}H_{19}N_3S \cdot HCl$	Thenylpyramine hydrochloride	5-7μ	Sol	Anal	Parke	AC	23 (1951) 953
$C_{14}H_{19}N_5O_2 \cdot H_2SO_4 \cdot H_2O$	Serotonin creatinine sulfate	800-3600	S	Struct	Speeteo	JACS	73 (1951) 5514
$C_{14}H_{20}$	7-Butyl-1,2,3,4-tetrahydronaphthalene	2-15μ	-	Struct, Ident	Cagniant	BSCF	- (1957) 1403
$C_{14}H_{20}$	1-Ethyl-1-phenylcyclohexane	7.36-13.27μ	-	Anal	Pines	JACS	77 (1955) 554
$C_{14}H_{20}$	1-Phenyl-2-cyclohexylethane	1400-1900 1.1-1.25μ	- L	Spec Spec, Anal	Barnes Evans	IEC AC	15 (1943) 659 23 (1951) 1604
$C_{14}H_{20}$	1-Phenyl-3-cyclopentylpropane	1.1-1.25μ	L	Spec, Anal	Evans	AC	23 (1951) 1604
$C_{14}H_{20}Br_2N_4O$	Pyrithiamine	2-15μ	S	Qual anal	Wilson	JACS	71 (1949) 2231
$C_{14}H_{20}Cl_2N_2O_2$	2,5-Dichloro-3,6-dibutylamino-p-benzoquinone	-	Sol	Absorption	Buckley	JCS	- (1957) 4891
$C_{14}H_{20}N_2O_2$	Acetyl-DL-leucine anilide	2.7-3.2μ	Sol	Freq	Mizushima	JACS	73 (1951) 1330
$C_{14}H_{20}N_2O_2$	N-Benzoyl-α-methylamino-isobutyryl-N,N-dimethyl-amide	-	-	Band freq	Berger	JACS	76 (1954) 5552
$C_{14}H_{20}N_2O_2$	3-(β-Dimethylaminoethyl)-5,6-dimethoxyindole	-	-	Freq	Walker	JACS	77 (1955) 3844

	5,6-dimethoxyindole			Freq	Walker	JACS	77 (1955) 3844
$C_{14}H_{20}N_2O_2$	β-Duroylpropicnyl-hydrazine	-	-	Group freq	Fuson	JACS	74 (1952) 1626
$C_{14}H_{20}N_2O_4$	N^{ϵ}-Carbobenzyloxy-l-lysine	-	S	Group freq, I	Witkop	JACS	76 (1954) 5589
$C_{14}H_{20}N_2O_4S_4$	meso-3,4-Di-(5-sulfonamido-2-thienyl)hexane	3-14.5μ	S	Group freq	Sice	JACS	75 (1953) 1628
$C_{14}H_{20}N_2O_6$	N-Hydroxymethylpiperidine N-o-nitromandelate	2-15μ	S	Spec, Freq, Struct	Meinwald	JACS	75 (1953) 485
$C_{14}H_{20}N_6O_4$	6-Dimethylamino-9-(3'-acetamido-3'-deoxy-α-D-arabinafuranosyl)-purine	-	-	Group freq	Baker	JACS	77 (1955) 2396
$C_{14}H_{20}N_6O_4$	6-Dimethylamino-9-(3'-acetamedo-3'-deoxy-α-D-ribofuranosyl)purine	-	-	Group freq, Ident	Baker	JACS	77 (1955) 2396
$C_{14}H_{20}N_6O_7S$	5',N^4-Cyolo-3-(2',3'-carbonyl-3'-amino-3'-deoxy-β-D-ribofuranosyl)-4-formamidoimidazole-5-(N,N-dimethyl) carboxamidine methanesulfonate	-	S	Freq	Baker	JACS	77 (1955) 15
$C_{14}H_{20}O$	Amyl p-xylyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
$C_{14}H_{20}O$	1,2,3,5,6,7,8,9,10,5a,10a,10b-Dodecahydrocyclohept e inden-5-one	-	Sol	Band freq	Rosenfelder	JCS	- (1954) 2955
$C_{14}H_{20}O$	Heptyl phenyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
$C_{14}H_{20}O_2$	1-Amyloxy-3-phenyl-2-propanone	-	L	Group freq	Leonard	JACS	77 (1955) 3269

$C_{14}H_{20}O_2$	2,5-Di-t-butyl-p-benzoquinone	- 5-15μ -	- Sol Sol	Freq Freq Assign	Flagg Yates Flaig	NWS 43 (1956) 467 JACS 78 (1956) 650 A 626 (1959) 215
$C_{14}H_{20}O_2$	2,6-Di-t-butyl-1,4-benzoquinone	-	-	Band freq	Metro	JACS 77 (1955) 2901
$C_{14}H_{20}O_2$	1,2,3,4,5,6,7,8,9,10,13,14-Dodecahydro-13-hydroxy-2-ketoanthracene	-	-	Freq, Struct	Birch	JCS - (1951) 1945
$C_{14}H_{20}O_2$	3-Ethyl-3-hydroxy-2-methyl-1-phenyl-1 pentanone	-	-	Freq	Zimmerman	JACS 76 (1954) 2294
$C_{14}H_{20}O_2S$	Hexylthio o-methoxybenzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA 15 (1959) 514
$C_{14}H_{20}O_3S_2$	3,5(or6)-bis-(Acetylthio) 1,4-metheno-2-cyclohexyl ethyl ketone	3-11μ	Sol	Spec	Knuth	JOC 19 (1954) 845
$C_{14}H_{20}O_4$	2-Carbethoxy-1,3-butadiene dimer	700-3500	L	Spec, Struct	Marvel	JACS 71 (1949) 37
$C_{14}H_{20}O_4$	Cohumulinic acid	3.0-10.9μ 2.5-15μ	S Sol	I Struct	Howard Rigby	JCS - (1954) 2400 JACS 77 (1955) 2828
$C_{14}H_{20}O_4$	Dihydropicrotoxinide	2-13μ	Sol	Spec, Freq	Conroy	JACS 74 (1952) 491
$C_{14}H_{20}O_4$	cis-2-(2,3-Dimethoxyphenyl)cyclohexane-1,2-diol	-	-	Freq	Ginsburg	JACS 75 (1953) 5746
$C_{14}H_{20}O_4$	1-Methyl-5-isopropenyl-cyclohexene-3,4-dicarboxylic acid, dimethyl ester	-	-	Freq, Struct	Bergmann	JCS - (1950) 3455

ester

$C_{14}H_{20}O_5$	3-Oxo-4,4,8-α-trimethyl-5β [4.3.0]bicyclononane 1α,8β-dicarboxylic acid	-	S	Freq	Aebi	JCS	-	(1954) 4659
$C_{14}H_{20}O_6$	Tetrahydrofurfuryl fumarate	2-16 μ	L	Spec, Ident	Walton	AC	28	(1956) 1388
$C_{14}H_{20}O_6$	Tetrahydrofurfuryl maleate	2-16 μ	L	Ident, Spec	Walton	AC	28	(1956) 1388
$C_{14}H_{20}O_8$	Methyl 2,3-seco-2,3-dihydroxymethyl-4,6-benzylidene-α-D-glucopyranoside	2-16 μ	-	Spec, Freq, Struct	Rowen	JACS	73	(1951) 4484
$C_{14}H_{20}O_8$	Methyl 1,3-dicarbomethoxy-2,4-cyclobutanediacetate-(α-form)	2-13 μ	S	Spec, Freq, Struct	Reid	JACS	73	(1951) 1985
$C_{14}H_{20}O_8$	Tetraethyl ethylene-tetracarboxylate	- 2-15 μ	Sol Sol	Freq Spec, Freq	Felton Abramovitch	JCS CJC	- 36	(1955) 2170 (1958) 151
$C_{14}H_{20}O_9$	1,3,4,6-Tetra-O-acetyl-2-deoxy-α-D-glucopyranose	- -	S S	Freq, I Freq, I	Barker Barker	JCS JCS	- -	(1954) 3468 (1954) 4211
$C_{14}H_{20}O_9$	1,2,3,4-Tetra-O-acetyl-6-deoxy-α-D-galactopyranose	-	S	Freq, I	Barker	JCS	-	(1954) 3468
$C_{14}H_{20}O_{10}$	β-2,3,4,6-Tetraacetyl-d-galactose	6700-7200 7000	Sol -	Spec Absorption	Hendricks Wulf	JACS JCP	58 6	(1936) 1997 (1938) 702
$C_{14}H_{20}O_{10}$	1,2,3,4-Tetra-O-acetyl-D-glucopyranose	-	S	Band freq, I	Barker	JCS	-	(1954) 3468
$C_{14}H_{20}O_{10}$	α-2,3,4,6-Tetraacetyl-glucose	1000-1800	-	Spec	Barnes	IEC	15	(1943) 659

$C_{14}H_{20}O_{10}$	β-2,3,4,6-Tetraacetyl-d-glucose	6600-7200 7000	Sol -	Spec, Struct Absorption	Hendricks Wulf	JACS JCP	58 (1936) 6 (1938)	1997 702
$C_{14}H_{20}O_{10}$	Tetraacetyl-α-D-talopyranose	2-15μ	S	Spec, Config	Isbell	JRNB	57 (1956)	179
$C_{14}H_{21}ClO$	2,6-Di-t-butyl-4-chlorophenol	3μ	S,L, Sol	H bond	Sears	JACS	71 (1949)	4110
$C_{14}H_{21}ClN_2O_2$	2-Chloro-3,6-bis-butyl-amino-p-benzoquinone	-	Sol	Absorption	Buckley	JCS	- (1957)	4891
$C_{14}H_{21}Cl_3OSi$	Trichlorosilyloctyl phenyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{14}H_{21}NO$	Benzo(c)-7-hydroxyaza-cyclohendecane	-	-	Ident	Leonard	JACS	76 (1954)	3193
$C_{14}H_{21}NO$	2-Methyl-2-(2'-methyl-2'-phenylpropyl)oxazolidine	-	Sol	Freq, Ext. coef.	Bergman	JACS	75 (1953)	358
$C_{14}H_{21}NO_2$	Ethyl N,N-isoamylphenyl-carbamate	5-15μ	L,Sol	Spec	Park	JACS	73 (1951)	5898
$C_{14}H_{21}NO_5$	1,2-Dicarbethoxy-3-octahydropyrrocoline	700-3450	L	Absorption	Edwards	CJC	32 (1954)	785
$C_{14}H_{21}N_3O_2 \cdot 2HCl$	2-Amino-3-(β-dimethylamino-ethyl)-5,6-dimethoxy-indolenine dihydro-chloride	-	S	Freq	Walker	JACS	77 (1955)	3844
$C_{14}H_{21}O_2SB$	n-Octyl-o-phenylene thioborate	6-14μ	L,S	Freq, Struct	Blau	JCS	- (1960)	380
$C_{14}H_{21}O_3B$	n-Octyl-O-phenylene borate	6-14μ	L,S	Freq, Struc	Blau	JCS	- (1960)	380
$C_{14}H_{22}$	m-Di-t-butylbenzene	7.6-14.4μ	L	Spec	Pines	JACS	71 (1949)	3798
		-	-	Ident, Freq	Bartlett	JACS	76 (1954)	2349
		-	-	Ident	Butler	JACS	76 (1954)	1906

$C_{14}H_{22}$	p-Di-sec-butylbenzene	-	-	Ident	Nightingale	JOC	18	(1953) 1529
$C_{14}H_{22}$	p-Di-t-butylbenzene	-	-	Band freq	Bomstein	AC	25	(1953) 512
$C_{14}H_{22}$	2-Phenyloctane	2-15.5μ	L	Ident, Spec, Struct	Lenneman	JOC	19	(1954) 463
$C_{14}H_{22}$	2,2,4-Trimethyl-4-phenylpentane	-	-	Ident, Anal	Pines	JACS	75	(1953) 937
		-	-	Ident, Struct	Sanford	JACS	75	(1953) 6326
$C_{14}H_{22}NO_2B$	o-Phenylene di-n-butylamino boronate	6-14μ	L,S	Freq, Struct	Blau	JCS	-	(1960) 380
$C_{14}H_{22}N_2O_2$	3,6-bis-Butylamino-p-benzoquinone	-	Sol	Absorption	Buckley	JCS	-	(1957) 4891
$C_{14}H_{22}O$	Cycloheptylidenecyclo-heptanone	-	Sol	Freq	Rosenfelder	JCS	-	(1954) 2955
$C_{14}H_{22}O$	2,4-Di-s-butylphenol	900-1030	Sol	Freq	Puttnam	JCS	-	(1960) 2934
		650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{14}H_{22}O$	2-t-Butyl-4-s-butyl-phenol	650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{14}H_{22}O$	2,4-Di-t-Butylphenol	3μ	S,Sol	Spec, Freq	Coggeshall	JACS	69	(1947) 1620
		3μ	Sol	For comparision	Mckinley	JACS	69	(1947) 1624
		2.7-3.2μ	Sol	H bond	Coggeshall	JACS	73	(1951) 5414
		2.78μ	Sol	Temperature related to I	Hughes	JCP	24	(1956) 489
		9.24μ	Sol	Quant anal	Curry	AC	29	(1957) 1717
		9.2μ	Sol	Quant anal	Scheddel	AC	29	(1957) 1552
		-	Sol	Spec	Goddu	JACS	82	(1960) 4533
		650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{14}H_{22}O$	2,6-Di-s-butylphenol	3500-3800	Sol	Freq	Puttnam	JCS	-	(1960) 5100
		650-1400	Sol	Spec	Shrewsbury	SA	16	(1960) 1294
$C_{14}H_{22}O$	2,6-Di-t-butylphenol	12.60μ	Sol	Quant anal	Curry	AC	29	(1957) 1717
		3500-3800	Sol	Freq	Puttnam	JCS	-	(1960) 5100

$C_{14}H_{22}O$	Erythro-2,5-dimethyl-4-phenyl-3-hexanol	-	S,Sol	Freq, Anal	Cram	JACS	76	(1954)	22
$C_{14}H_{22}O$	Threo-2,5-dimethyl-4-phenyl-3-hexanol	-	L,Sol	Freq, Anal	Cram	JACS	76	(1954)	22
$C_{14}H_{22}O$	l-Erythro-3,4-dimethyl-4-phenyl-3-hexanol	2-12μ	Sol	Spec, Iso	Cram	JACS	74	(1952)	5835
$C_{14}H_{22}O$	l-Threo-3,4-dimethyl-4-phenyl-3-hexanol	2-12μ	Sol	Spec, Iso	Cram	JACS	74	(1952)	5835
$C_{14}H_{22}O$	3-Methyl-α-ionone	700-1700	-	Spec	Naves	CPR	238	(1954)	1308
$C_{14}H_{22}O$	3-Methyl-β-ionone	700-1700	-	Spec	Naves	CPR	238	(1954)	1308
$C_{14}H_{22}O$	4-Octylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16	(1960)	1294
$C_{14}H_{22}O$	4-t-Octylphenol	3100-3600 3μ -	S,Sol Sol -	Spec, Assign H bond Band freq	Richards Sears Bomstein	JCS JACS AC	- 71 25	(1947) (1949) (1953)	1260 4110 512
$C_{14}H_{22}O$	5-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-4-penten-3-one (α form)	700-1700	-	Spec	Naves	CPR	238	(1954)	1308
$C_{14}H_{22}O$	5-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-4-penten-3-one (β -form)	700-1700	-	Spec	Naves	CPR	238	(1954)	1308
$C_{14}H_{22}O_2$	cis-Δ^{13}-Dodecahydro-1,4-dihydroxyphenanthrene	-	-	Band freq	Robins	JCS	-	(1954)	3960
$C_{14}H_{22}O_2$	cis-Syn-$\Delta^{9(14)}$-dodecahydro-1,4-dihydroxyphenanthrene	-	-	Band freq	Robins	JCS	-	(1954)	3960
$C_{14}H_{22}O_2$	α-3-Ethyl-2-methyl-1-phenyl-1,3-pentanediol	-	-	Freq, Struct	Zimmerman	JACS	76	(1954)	2291

$C_{14}H_{22}O_2$	β-3-Ethyl-2-methyl-1-phenyl-1,3-pentanediol	-	-	Freq, Struct	Zimmerman	JACS	76	(1954) 2291
$C_{14}H_{22}O_2$	trans-anti-cis-Perhydro-1-hydroxy-4-oxophenanthrene	-	-	Constitution of mixture	Robins	JCS	-	(1954) 3960
$C_{14}H_{22}O_2$	trans-syn-cis-Perhydro-4-hydroxy-1-oxophenanthrene	-	-	Constitution of mixture	Robins	JCS	-	(1954) 3960
$C_{14}H_{22}O_3$	1-Acetoxy-1-acetyldecalin	-	S,L, Sol	Freq	Coles	JCS	-	(1954) 2617
$C_{14}H_{22}O_3$	1-Acetoxy-1-acetyl-8-methylhexahydroindane	-	Sol	Freq	Coles	JCS	-	(1954) 2617
$C_{14}H_{22}O_3$	Cyclohexanecarboxylic acid anhydride	2-16μ	Sol	Spec	Bartlett	JACS	73	(1951) 4275
$C_{14}H_{22}O_3$	4,6-Di-t-butylpyrogallol	2-15μ	Sol	Spec, Freq, Struct	Stitt	JACS	76	(1954) 3642
$C_{14}H_{22}O_3$	2-Methylenecyclohexanone dimer	-	S,Sol	Freq, Struct	Warnhoff	JACS	75	(1953) 496
$C_{14}H_{22}O_3$	2-Octanoylcyclohexane-1,3-dione	-	S,L	Band freq	Rogers	JCS	-	(1955) 341
$C_{14}H_{22}O_3$	Tetrahydrodesoxypicotoxinide	2-13μ	Sol	Spec	Conroy	JACS	74	(1952) 491
$C_{14}H_{22}O_3S$	5-Methylperhydro-(4aα, 8aα)naphthalene-1β, 4β-diol-6-one-1-acetate thioenol methyl ether	-	-	Group freq	Beyler	JACS	74	(1952) 1406
$C_{14}H_{22}O_4$	trans-10-Carbomethoxy-2-decalone-2-dioxolane	5.81-11.0μ	Sol	I	Dreiding	JACS	77	(1955) 411

$C_{14}H_{22}O_4$	1,1'-Dihydroperoxy-1,1'-dicyclohexylacetylene	2-6 μ	Sol	Spec	Milas	JACS	74 (1952) 1471
$C_{14}H_{22}O_4$	5-Methyl-1α,6α-epoxy-6-methoxyperhydro-(4aβ, 8aβ)-naphthalene- 4α-ol-4-acetate	-	-	Freq	Beyler	JACS	74 (1952) 1406
$C_{14}H_{22}O_5$	Diethyl cyclohexanone-2-carboxylate-2-β-propionate	-	L	Band freq	Leonard	JACS	74 (1952) 4070
$C_{14}H_{22}O_5$	Diethyl cyclohexanone-2-carboxylate-6-β-propionate	-	L	Band freq	Leonard	JACS	74 (1952) 4070
$C_{14}H_{22}O_7$	Diethyl 1-carbethoxy-2-ethoxymethylene-succinate	-	L	Band freq	Kornfeld	JOC	19 (1954) 1671
$C_{14}H_{22}O_7$	1,2,3,4-Di-O-isopropylidene-D-galactopyranose-6-monoacetate	2-15 μ	S	Spec	Tipson	JRNB	62 (1959) 257
$C_{14}H_{22}O_8$	Tetraethyl ethanetetracarboxylate	-	Sol	Freq, Struct	Felton	JCS	- (1955) 2170
$C_{14}H_{22}O_8$	(Triethyl citrate)acetate	2-15 μ	L	Spec	Kendall	APS	7 (1953) 179
$C_{14}H_{22}O_9$	Methyl 3,4,6-tri-O-acetyl 2-O-methyl-α-D-glucopyranoside	-	S	Band freq, I	Barker	JCS	- (1954) 3468
$C_{14}H_{23}F_3O_3$	Lauroyl trifluoroacetate	- -	- -	Ident Group freq	Emmons Ferris	JACS JACS	75 (1953) 6047 75 (1953) 232
$C_{14}H_{23}N$	3-Sec-Butylidene-5-ethyl-5-methyl-2-(α-methyl-vinyl)pyrroline	6.28 μ	Sol	Freq	Meyers	JOC	24 (1959) 1233

$C_{14}H_{23}N$	N,N-Di-n-butylaniline	1-12 μ	L	Spec	Bell	JACS	47	(1925)	2192
		0.8-2.8 μ	L	Spec	Ellis	JACS	49	(1927)	347
$C_{14}H_{23}N$	3,5-Di-t-butylaniline	-	Sol	Group freq	Bryson	JACS	82	(1960)	4858
$C_{14}H_{23}NO$	Affinin	2-15 μ	Sol	Spec, Struct	Jacobson	JACS	76	(1954)	4606
$C_{14}H_{23}NO$	trans-Affinin	2-15 μ	Sol	Spec	Jacobson	JACS	76	(1954)	4606
		-	-	Ident	Jacobson	JACS	77	(1955)	2461
$C_{14}H_{23}NO_2$	1,5-di-n-Butoxyaniline	8-2.6 μ	Sol	I, Struct	Whetsel	AC	30	(1958)	1598
$C_{14}H_{23}NO_3$	6-(4'-Carbomethoxy) butyl-2-oxo-octahydro-1,5H-pyrindine	-	Sol	Band freq, I	Ramirez	JACS	77	(1955)	1035
$C_{14}H_{23}NO_7$	Mycaminose triacetate	81.2-83 μ	-	Iso	Hochestein	JACS	76	(1954)	5080
$C_{14}H_{23}NO_7$	Mycaminose triacetate	93.5-94 μ	-	Iso	Hochestein	JACS	76	(1954)	5080
$C_{14}H_{23}O_3P$	2-Ethylhexyl hydrogen phosphonate	600-5000	L,Sol	Spec, H bond	Peppard	JINC	7	(1960)	60
$C_{14}H_{23}O_4P$	p-Octylphenyl dihydrogen phosphate	670-3500	-	Spec, Assign	Bellamy	JCS	-	(1953)	728
		600-4000	S	Group study	Braunholtz	JCS	-	(1959)	868
$C_{14}H_{23}O_4P$	[p-(1,1,3,3-Tetramethyl-butyl)phenyl]phosphonic acid	500-4000	Sol	H bond	Peppard	JINC	7	(1958)	231
$C_{14}H_{24}ClNO$	Humulene nitroso chloride	826-1018	S	Table	Fawcett	JCS	-	(1954)	2673
$C_{14}H_{24}NO_4P$	Diethyl m-diethylamino-phenyl phosphate	-	-	Freq, Assign	Ketelaar	RTC	78	(1959)	190
$C_{14}H_{24}N_2$	3,4-Diethyl-2-piperi-dinomethylpyrrole	500-4000	Sol	Spec, Freq, Struct	Eisner	JCS	-	(1958)	971
$C_{14}H_{24}OSi$	Trimethylsilylpentyl phenyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826

$C_{14}H_{24}O_2$	2-Heptyl-4-methyl-cyclohexane-1,3-dione	1500-1800	Sol	H bond, Spec	DeWilde	SA	12 (1958) 289
$C_{14}H_{24}O_2$	Methyl 3(trans),5(cis)-n-tridecadienoate	9-11μ	Sol	Spec, Freq, Config.	Celmer	JACS	75 (1953) 1372
		2-16μ	Sol	Spec	Celmer	JACS	75 (1953) 3430
$C_{14}H_{24}O_2$	Methyl 3(trans),5-(trans)-n-tridecadienoate	9-11μ	Sol	Spec, Freq, Config.	Celmer	JACS	75 (1953) 1372
		2-16μ	Sol	Spec	Celmer	JACS	75 (1953) 3430
$C_{14}H_{24}O_4$	1,3-Dipropionoxy-2-neopentylpropene	-	-	Band freq	Smith	JACS	73 (1951) 5282
$C_{14}H_{24}O_4$	3,3-Dipropionoxy-2-neopentylpropene	-	-	Band freq	Smith	JACS	73 (1951) 5282
$C_{14}H_{24}O_6$	Diethyl(1-methyl-3-carboxypropyl)ethylmalonate	-	-	Ident	Wood	JACS	75 (1953) 5511
$C_{14}H_{25}BrO$	2-Bromocyclotetradecanone	-	Sol	Freq	Leonard	JACS	80 (1958) 6039
$C_{14}H_{25}NO$	N-Isobutyldeca-cis-2-cis-4-dienamide	726-3285	L	Assign, I	Crombie	JCS	- (1955) 1007
$C_{14}H_{25}NO$	N-Isobutyldeca-cis-2-trans-4-dienamide	729-3285	L	Assign, I	Crombie	JCS	- (1955) 1007
$C_{14}H_{25}NO$	N-Isobutyldeca-trans-2-cis-4-dienamide	729-3285	L	Assign, I	Crombie	JCS	- (1955) 1007
$C_{14}H_{25}NO$	N-Isobutyldeca-trans-2, trans-4-dienamide	-	S	Group freq	Crombie	JCS	- (1955) 999
		681-3295	S	Assign, I	Crombie	JCS	- (1955) 1007
$C_{14}H_{25}NO$	N-Isobutyl-cis-2-cis-6-decadienamide	2.5-14μ	L	Spec, Freq	Crombie	JCS	- (1952) 4338
$C_{14}H_{25}NO$	N-Isobutyl-trans-2-cis-6-decadienamide	2.5-16μ	L	Spec, Freq	Crombie	JCS	- (1952) 4338

$C_{14}H_{25}NO$	N-Isobutyl-trans-2-trans-6-decadienamide	2.5-14μ	S	Spec, Freq	Crombie	JCS	-	(1952) 4338
$C_{14}H_{25}NO$	N-Isobutyl-2-decynamide	-	-	Freq	Crombie	JCS	-	(1952) 2997
$C_{14}H_{25}NO$	N-Isobutyl-cis-2-trans-6-decadienamide	2.5-14μ	L	Spec, Freq	Crombie	JCS	-	(1952) 4338
$C_{14}H_{25}NO_2$	Carpaine	2.5-15μ	S	Spec	Govindachari	JCS	-	(1954) 1847
$C_{14}H_{25}NO_2$	Pseudocarpaine	2.5-15μ	S	Spec	Govindachari	JCS	-	(1954) 1847
$C_{14}H_{25}N_2PS$	N,N-Diethyl benzenethiophosphonicdiamide	2-21μ	S	Spec, Struct	Daasch	AC	23	(1951) 853
$C_{14}H_{26}$	1-Cyclohexyl-3-cyclopentylpropane	-	-	Freq	Bomstein	AC	25	(1953) 512
$C_{14}H_{26}$	1,1-Dicyclohexylethane	15-35μ	S	Spec, Struct	Bentley	SA	15	(1959) 165
$C_{14}H_{26}$	1,2-Dicyclohexylethane	8000-9000	Sol	Anal	Hibbard	AC	21	(1949) 486
		-	-	Freq	Bomstein	AC	25	(1953) 512
$C_{14}H_{26}$	1-Heptylcycloheptene	-	-	Spec, Freq	Brini	BSCF	-	(1959) 1188
$C_{14}H_{26}ClNO_3$	Ethyl N-chloroacetyl-N-nonylcarbamate	650-4000	Sol	Spec	Pianka	JCS	-	(1960) 983
$C_{14}H_{26}N_2O_4Si$	Di-t-butoxy-bis-(2-cyanoethoxy)silane	3.45-14.28μ	L	Freq, I	George	JACS	75	(1953) 6308
$C_{14}H_{26}O$	Cyclotetradecanone	-	Sol	Group study	Leonard	JACS	80	(1958) 6039
		-	Sol	Freq	Burer	HCA	43	(1960) 1487
$C_{14}H_{26}O_2$	Vinyl laurate	2.8-3.8μ	L	Spec, Freq	Adelman	JOC	14	(1949) 1057
$C_{14}H_{26}O_2S_2$	Dihexyldithio oxalate	2.5-16μ	Sol	Effect of struct	Nyquist	SA	15	(1959) 514
$C_{14}H_{26}O_3$	6-Acetoxy-5-t-butyl 2,2-dimethylhexan-3-one	-	-	Group study	Wiberg	JACS	76	(1954) 5367

$C_{14}H_{26}O_3Si_2$	1,3-Dimethyl-1,3-di-(1-hexynyl)disiloxane-1,3-diol	-	-	Band freq, Assign	Frisch	JACS	74 (1952) 4853
$C_{14}H_{26}O_4$	Diethyl sebacate	2-16μ	Sol	Spec	Stahl	JACS	74 (1952) 5487
		800-1800	L	Ident, Spec	Stafford	AC	26 (1954) 656
		670-3500	L,S	Spec, Config.	Corish	JCS	- (1958) 927
$C_{14}H_{26}O_4$	Dimethyl decamethylene-dicarboxylate	670-3500	L,S	Spec, Config.	Corish	JCS	- (1958) 927
$C_{14}H_{26}O_7$	Diethylene glycol bis-(n-butyl carbonate)	2-15μ	L	Spec	Kendall	APS	7 (1953) 179
$C_{14}H_{26}S_2$	Di-(1-methylcyclohexyl) disulfide	-	-	Ident	Moore	JCS	- (1954) 2089
$C_{14}H_{27}N$	ω-Cyclohexylpropyl s-butyl ketimine	-	-	Freq	Pickard	JACS	76 (1954) 5169
$C_{14}H_{27}NO$	N-Isobutyl-cis-Δ^2-decenamide	-	-	Freq	Crombie	JCS	- (1952) 2997
$C_{14}H_{27}NO$	N-Isobutyl-trans-Δ^2-decenamide	-	S	Freq	Crombie	JCS	- (1952) 2997
$C_{14}H_{27}NO_2$	1-Ethyl-1-azacyclotri-decan-7-ol-8-one	-	S	Freq	Crombie	JCS	- (1955) 1007
		-	Sol	Freq	Leonard	JACS	76 (1954) 5708
$C_{14}H_{27}N_3O_4$	Glycl-L-leucyl-L-leucine	650-4000	S	Spec, Struct	Blout	JACS	74 (1952) 1946
$C_{14}H_{27}N_3O_4$	L-Leucylglycyl-L-leucine	650-4000	S	Spec, Struct	Blout	JACS	74 (1952) 1946
$C_{14}H_{27}N_3O_4$	L-Leucy-L-leucylglycine	650-4000	S	Spec, Struct	Blout	JACS	74 (1952) 1946
$C_{14}H_{27}O_3B$	2-Carbethoxy-1-methyl-vinyldibutyl boronite	1500-1800	Sol	Freq, Assign	Duncanson	JCS	- (1958) 3652
$C_{14}H_{28}$	Cyclotetradecane	650-1600	S,L	Spec	Billetter	HCA	41 (1958) 338

				Spec	Billetter	HCA	41	(1958)	338
$C_{14}H_{28}$	1,3-Di-t-butylcyclohexane	7.2-12.4 μ	L	Spec	Pines	JACS	71	(1949)	3798
$C_{14}H_{28}$	1,4-Di-t-butylcyclohexane	3.4 μ	Sol	Anal	Simard	AC	23	(1951)	1384
$C_{14}H_{28}$	n-Octylcyclohexane	-	-	Band freq	Bomstein	AC	25	(1953)	512
		12.6-14.7 μ	L,Sol	Struct, Anal	Francis	AC	25	(1953)	1466
$C_{14}H_{28}$	1-Tetradecene	3.4 μ	Sol	Anal	Simard	AC	23	(1951)	1384
		-	S	Assign	Harrah	JCP	33	(1960)	298
$C_{14}H_{28}$	2,2,4-Trimethyl-4-cyclohexylpentane	-	-	Ident	Pines	JACS	75	(1953)	937
$C_{14}H_{28}O$	1,2-Epoxytetradecane	2-15 μ	L	Spec	Shreve	AC	23	(1951)	277
$C_{14}H_{28}O$	Myristyl aldehyde	0.9-3 μ	Sol	Spec	Holman	AC	28	(1956)	1533
$C_{14}H_{28}O_2$	Ethyl laurate	-	L	Peanut oil study	Barr	PR	79	(1950)	416
		1-22 μ	Sol	Spec	O'Connor	JAOC	28	(1951)	154
$C_{14}H_{28}O_2$	Lauryl acetate	1650-1800	Sol	Ext. coefficient	Cross	TFS	47	(1951)	354
$C_{14}H_{28}O_2$	Methyl n-tridecanoate	2-16 μ	Sol	Spec, Freq	Celmer	JACS	74	(1952)	3838
$C_{14}H_{28}O_2$	n-Tetradecanoic acid	1-12 μ	Sol	Spec	O'Connor	JAOC	28	(1951)	154
		2-14 μ	S	Spec	Harple	AC	24	(1952)	635
		700-3500	S,Sol	Spec, Freq, Struct	Sinclair	JACS	74	(1952)	2570
		710-730	S	Spec, Band study	Chapman	JCS	-	(1957)	4489
		2-15 μ	S	Spec, Qual Anal	Meiklejohn	AC	29	(1957)	329
		5.5-6.5 μ	Sol	Ident, Band study	Sawicki	AC	31	(1959)	523
$C_{14}H_{28}O_3$	α-Hydroxymyristic acid	2-3.5 μ	Sol	Spec, H bond	Davies	JCP	8	(1940)	577
$C_{14}H_{28}Si$	Dicyclohexyldimethyl-silane	3-12 μ	Sol	Spec	Kanazashi	BCSJ	27	(1954)	441
$C_{14}H_{29}Cl_3OSi$	Trichlorosilyldecyl butyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826

$C_{14}H_{29}NO$	cis-2-Aminocyclo-tetradecanol	-	Sol	Freq, Assign	Sicher	CCCC	24	(1959)	950
$C_{14}H_{29}NO$	trans-2-Aminocyclo-tetradecanol	-	Sol	Freq, Assign	Sicher	CCCC	24	(1959)	950
$C_{14}H_{29}NO$	1-N-Di-n-butylamino-3,3-dimethyl-2-butanone	-	L	Group freq	Leonard	JACS	77	(1955)	3272
$C_{14}H_{29}NO$	N-Isobutyldecanamide	2.5-14 μ	S	Spec, Band freq	Crombie	JCS	-	(1952)	4338
$C_{14}H_{29}NO_2$	Dicyclohexylamine ethylene glycol adduct	1000-3750	S	H bond	Nakayawa	BCSJ	33	(1960)	433
$C_{14}H_{29}NO_3$	Lauric acid-acetamide	2-12 μ	S,Sol	Spec, Assign	O'Connor	JACS	77	(1955)	892
$C_{14}H_{30}$	n-Tetradecane	0.75-92 μ	L	Struct	Barnes	JACS	50	(1928)	1033
		2.6-3.8 μ	Sol	Spec, Assign	Fox	PRS	175	(1940)	208
		8000-9000	Sol	Anal	Hibbard	AC	21	(1949)	486
		-	-	Freq	Corish	JCS	-	(1955)	2431
		700-3000	Sol	Ext. Coefficient	Jones	SA	9	(1957)	235
$C_{14}H_{30}O$	n-Tetradecanol	700-1700	L,S	Spec	Neuilly	CPR	238	(1954)	65
		3570-3700	Sol	Freq, H bond, I	Flynn	AJC	12	(1959)	575
		700-1500	L	Temp. effect on I	Hashikuni	JPSJ	15	(1960)	941
$C_{14}H_{30}O_2$	n-Heptyl peroxide	6.74-13.80 μ	-	Absorb, Bands	Welch	JACS	77	(1955)	551
$C_{14}H_{31}N$	Di-n-heptylamine	2-15 μ	L,Sol	Freq, NCA	Stewart	JCP	30	(1959)	1259
$C_{14}H_{31}NO$	2-Hydroxyethyldodecyl-amine	2-16 μ	-	Spec, Group freq	Du Brow	JOC	17	(1952)	1043
$C_{14}H_{32}NO_2PS$	Di-n-butyl diisopropyl phosphoramidothionate	740-1500	Sol	Assign	McIvor	CJC	37	(1959)	869
$C_{14}H_{32}NO_2PS$	O,O-Di-n-butyl diisopropyl phosphoramidothionate	600-1500	Sol	Assign	McIvor	CJC	37	(1959)	869

$C_{14}H_{32}NO_3P$	Diisopropyl dibutyl-aminophosphonate	900-1060	Sol	Freq, I	Halmann	JCS	-	(1953)	626
$C_{14}H_{32}N_2O$	n-Tridecane-urea adduct	600-4000	S	Spec	Fischer	CJC	38	(1960)	187
$C_{14}H_{32}OSi$	Trimethylsilyldecyl methyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{14}H_{32}OSi$	Trimethylsilylheptyl butyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{14}H_{32}OSi$	Trimethylsilylnonyl ethyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{14}H_{34}NO_3PS$	Triethylammonium di-n-butyl phosphoro-thioate	740-1500	Sol	Assign	McIvor	CJC	37	(1959)	869
$C_{14}H_{38}O_2Si_4$	Octamethyl-3,10-dioxa-2,4,9,11-tetra-siladodecane	-	-	Freq	Sommer	JACS	77	(1955)	2482
$C_{14}H_{42}O_5Si_6$	Tetradecamethyl-hexasiloxane	2.5-14 μ	Sol	Spec	Wright	JACS	69	(1947)	803
		500-1700	L	Spec, Assign	Richards	JCS	-	(1949)	124
		400-1100	-	Spec	Kriegsmann	ZE	64	(1960)	541
$C_{14}H_{42}O_7Si_6$	Dimethoxydodecamethyl-hexasiloxane	700-3500	L	Spec, Struc	Tanaka	BCSJ	31	(1958)	762
$C_{14}H_{42}O_7Si_7$	Tetradecamethylcyclo-heptasiloxane	2.5-14 μ	Sol	Spec	Wright	JACS	69	(1947)	803
		500-1700	-	Spec, Assign	Richards	JCS	-	(1949)	124
$C_{14}H_{42}O_{14}$	Ethylene glycol(heptamer)	700-1600	L	Assign, Conf.	Kuroda	JPS	26	(1957)	323

C_{15} COMPOUNDS

$C_{15}H_6BrClO_4$	4-Bromo-1-chloro-anthraquinone-2-carboxylic acid	700-4000	S,L	Table, Group freq	Flett	JCS	-	(1951)	962

$C_{15}H_7NO_2$	1-Cyanoanthraquinone	1684	Sol	Group freq	Flett	JCS	-	(1948)	1441
$C_{15}H_7NO_2$	3-Cyano-9,10-phenanthraquinone	1600-1800	Sol,S	Group freq	Josien	JCP	21	(1953)	331
$C_{15}H_8O_7$	1,3,8-Trihydroxy-6-carboxylylanthraquinone	2-15 μ	S	Freq, Assign, Ident	Bloom	JCS	-	(1959)	178
$C_{15}H_9Cl$	9-(Chlorovinylidene)fluorene	-	Sol	Freq	Hennion	JACS	77	(1955)	3253
$C_{15}H_9ClO_2$	1-Chloro-2-methylanthraquinone	1679	Sol	Group freq	Flett	JCS	-	(1948)	1441
$C_{15}H_9Cl_3N_2O$	9-Trichloroacetamidoacridine	-	-	Spec	Sheinker	DANS	131	(1960)	1366
$C_{15}H_9NO_4$	1-Nitro-2-methylanthraquinone	1685	Sol	Group freq	Flett	JCS	-	(1948)	1441
$C_{15}H_9NO_4$	2-(p-Nitrophenyl)-1,3-indandione	-	-	Spec, Struct	Arens	DANS	132	(1960)	115
$C_{15}H_9NS$	9-Phenanthrenyl isothiocyanate	600-4000	S	Spec	Ham	SA	16	(1960)	279
$C_{15}H_{10}BrNO$	3-p-Bromophenyl-5-phenylisooxazole	-	Sol	Band freq	Barnes	JACS	76	(1954)	276
$C_{15}H_{10}BrNO$	5-p-Bromophenyl-3-phenylisooxazole	-	Sol	Band freq	Barnes	JACS	76	(1954)	276
$C_{15}H_{10}Br_2O_2$	Dibenzoyldibromomethane	-	-	Group freq	Park	JACS	75	(1953)	475
$C_{15}H_{10}ClN_3$	2,4-Diphenyl-6-chloro-S-triazine	2-15 μ	Sol	Freq assign	Reimschuessel	JACS	82	(1960)	3756

$C_{15}H_{10}ClN_3O_2$	2-Chloro-4,6-diphenoxy-S-triazine	2-15 μ	Sol	Freq assign	Reimschuessel	JACS	82 (1960)	3756
$C_{15}H_{10}Cl_3NO_2$	2,3,5-Trichloro-6-(2'-N-methylanilino-vinyl)benzoquinone	2200-8000	Sol	Band freq	Buckley	JCS	- (1957)	4891
$C_{15}H_{10}N_2O_2$	2,6-Diphenyl-4-keto-1,3,5-oxadiazine	-	Sol	Group freq, Band freq	Terss	JACS	76 (1954)	580
$C_{15}H_{10}N_2O_2$	Methylene-bis(p-phenyl isocyanate)	-	Sol	Group freq, I	Davison	JCS	- (1953)	3712
$C_{15}H_{10}N_4$	5-Aminopyrido [3,2-a] phenazine	2-15 μ	S	Spec	Drake	JACS	73 (1951)	544
$C_{15}H_{10}N_4$	1,2'-Quinolylbenzo-triazole	-	S	Band freq, H bond	O'Sullivan	JCS	- (1960)	3653
		650-1000	-	Freq	O'Sullivan	SA	16 (1960)	762
$C_{15}H_{10}N_4O$	6-Amino-4,9,10-triaza-3-hydroxy-1,2-benzanthracene	-	-	Group study, Struct	Osdene	JCS	- (1955)	2214
$C_{15}H_{10}N_4O$	7,8-Dihydro-7-methyl-8-oxo-5,7,9,10-tetra-aza-1,2-benzanthracene	-	-	Group freq, Struct	Felton	JCS	- (1954)	2895
$C_{15}H_{10}O$	9-Anthraldehyde	-	-	Freq, Struct	Greene	JACS	77 (1955)	3852
$C_{15}H_{10}O$	9-Phenanthrene-carboxaldehyde	970-3500	Sol,S	Spec, Band freq	Hunsberger	JACS	74 (1952)	4839
$C_{15}H_{10}O_2$	Flavone	-	Sol	Freq	Shaw	JCS	- (1955)	655
		-	L	Freq	Inglett	JOC	23 (1958)	93
$C_{15}H_{10}O_2$	10-Hydroxy-9-phen-anthrenecarboxal-dehyde	670-3500	Sol,S	Spec, Band freq	Hunsberger	JACS	74 (1952)	4839

$C_{15}H_{10}O_2$	1-Methylanthraquinone	1676	Sol	Group freq	Flett	JCS - (1948) 1441
		-	-	Spec, H bond	Shigorin	DANS 132 (1960) 1372
$C_{15}H_{10}O_2$	2-Methylanthraquinone	1676	Sol	Group freq	Flett	JCS - (1948) 1441
		1600-1800	Sol	Group freq	Josien	JCP 21 (1953) 331
		2-15 μ	S	Freq, Assign, Ident	Bloom	JCS - (1959) 178
$C_{15}H_{10}O_3$	Diphenyl triketone	5.6-6.2 μ	Sol	Spec	Davies	TFS 36 (1940) 1114
$C_{15}H_{10}O_3 \cdot H_2O$	Diphenyl triketone hydrate	2.7-6.2 μ	Sol	Spec	Davies	TFS 36 (1940) 1114
$C_{15}H_{10}O_3$	3-Hydroxyflavone	-	Sol	Freq	Shaw	JCS - (1955) 655
$C_{15}H_{10}O_3$	5-Hydroxyflavone	-	Sol	Freq	Shaw	JCS - (1955) 655
$C_{15}H_{10}O_3$	1-Hydroxy-2-methylanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS - (1959) 178
$C_{15}H_{10}O_3$	2-Hydroxy-3-methylanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS - (1959) 178
$C_{15}H_{10}O_3$	1-Methoxyanthraquinone	1675	Sol	Group freq	Flett	JCS - (1948) 1441
		-	Sol	Group study	Wiles	JCS - (1956) 4811
		-	-	Spec, H bond	Shigorin	DANS 132 (1960) 1372
$C_{15}H_{10}O_3$	2-Methoxyanthraquinone	1675	Sol	Group freq	Flett	JCS - (1948) 1441
		-	Sol	Group study	Wiles	JCS - (1956) 4811
$C_{15}H_{10}O_3S$	Methyl anthraquinone-1-sulfenate	5-8 μ	Sol	Struct	Bruice	JACS 81 (1959) 3416
$C_{15}H_{10}O_4$	Benzil-o-carboxylic acid (keto)	-	S	Group freq, Taut	Grove	JCS - (1951) 877
$C_{15}H_{10}O_4$	Benzil-o-carboxylic acid (lactol)	-	S	Group freq, Taut	Grove	JCS - (1951) 877

$C_{15}H_{10}O_4$	1',4'-Dihydroxy-1,2,4,5-dibenzocycloheptadiene-3,7-dione	-	Sol	Group freq, H bond, I	Sorrie	JCS	-	(1955)	2244
$C_{15}H_{10}O_4$	3,5-Dihydroxyflavone	-	Sol	Freq	Shaw	JCS	-	(1955)	655
$C_{15}H_{10}O_4$	1,3-Dihydroxy-2-methylanthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_4$	1,8-Dihydroxy-3-methylanthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_5$	1,3-Dihydroxy-2-hydroxymethylanthraquinone	- 2-15μ	- S	Group freq, Band freq Freq, Assign	Briggs Bloom	JCS JCS	- -	(1953) (1959)	3068 178
$C_{15}H_{10}O_5$	1,3-Dihydroxy-2-methoxyanthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_5$	1,2,5-Trihydroxy-6-methylanthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_5$	1,3,8-Trihydroxy-6-methylanthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_5$	1,4,5-Trihydroxy-2-methylanthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_5$	1,4,5-Trihydroxy-2-methylanthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_6$	Luteolin	-	L	Freq	Inglett	JOC	23	(1958)	93

$C_{15}H_{10}O_6$	1,2,3,5-Tetrahydroxy-6-methylanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_6$	1,2,3,7-Tetrahydroxy-6-methylanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_6$	1,4,5,7-Tetrahydroxy-2-methylanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_6$	1,4,5,8-Tetrahydroxy-2-methylanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_6$	3,4,5,7-Tetrahydroxy-2-methylanthraquinone	789-3367	S	Band freq	Briggs	JCS	-	(1953)	3069
$C_{15}H_{10}O_6$	1,3,8-Trihydroxy-6-methylanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{10}O_7$	3,3',4',5,7-Pentahydroxyflavone	1550-4000	S	Group freq	Hergert	JACS	75	(1953)	1622
$C_{15}H_{10}O_7$	3,3',4',5,8-Pentahydroxyflavone	1550-4000	S	Group freq	Hergert	JACS	75	(1953)	1622
$C_{15}H_{10}O_7$	Quercetin	-	L	Freq	Inglett	JOC	23	(1958)	93
$C_{15}H_{10}O_7$	1,4,5,7-Tetrahydroxy-2-hydroxymethylanthraquinone	2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{15}H_{11}BrN_4O_4$	2-Bromo-1-indanone syn-2,4-dinitrophenylhydrazone	-	Sol	Band freq	Ramirez	JACS	75	(1953)	6026

	phenylhydrazone							
$C_{15}H_{11}BrO_2$	1-Phenyl-3-p-bromophenyl-1-propene-1-ol-3-one	2-7 μ	Sol	Group freq	Barnes	JACS	75 (1953)	479
$C_{15}H_{11}ClN_4$	N-Phenyl-2-phenyl-6-chloro-4-amino-S-triazine	2-15 μ	S	Freq assign	Reimschuessel	JACS	82 (1960)	3756
$C_{15}H_{11}ClO$	4-Chlorochalcone	-	-	Struct	Rorig	JACS	75 (1953)	5381
$C_{15}H_{11}ClO_2$	p-Chlorophenyl cinnamate	-	-	Group freq, Ident	Fuson	JOC	18 (1953)	1762
$C_{15}H_{11}I_4NO_4$	DL-Thyroxine	5-15 μ	S	Spec	Wang	JACS	74 (1952)	2445
$C_{15}H_{11}I_4NO_4$	DL-Thyroxine-1-C^{14}	5-15 μ	S	Spec	Wang	JACS	74 (1952)	2445
$C_{15}H_{11}N$	1-Cyano-1,2-diphenylethylene	-	-	Band freq	Hauser	JOC	23 (1958)	2006
$C_{15}H_{11}N$	2-Cyanostilbene (cis & trans)	2-15 μ	L,Sol	Spec, Assign	DeTar	JACS	78 (1956)	475
$C_{15}H_{11}NO$	2-Phenyl-4-hydroxyquinoline	1102-1633	S	Table	Cromwell	JACS	76 (1954)	5752
$C_{15}H_{11}NO$	2-Phenyl-4-quinolone	-	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{15}H_{11}NO_2$	Benzoate indoxyl ester	700-4000	S,Sol	Freq, Struct, Assign				
$C_{15}H_{11}NO_2$	2-(2,4-Dihydroxyphenyl)quinoline	-	-	Spec	Illuminate	JACS	74 (1952)	2896
$C_{15}H_{11}NO_2$	1-Methylaminoanthraquinone	1635-300	-	Freq	Flett	JCS	- (1948)	1441
$C_{15}H_{11}NO_3$	Diphenyl triketone oxime	2700-3900	Sol	Spec, H bond	Buswell	JACS	60 (1938)	2444

$C_{15}H_{11}NO_3$	2-Nitro-7-acetyl-fluorene	-	-	Ident	Sawicki	JACS	76 (1954)	2269
$C_{15}H_{11}NO_3$	β-Nitrobenzalaceto-phenone	-	-	Group freq, Iso	Smith	JACS	76 (1954)	5376
$C_{15}H_{11}NO_3$	o-Nitrobenzalaceto-phenone	-	Sol	Group freq	Cromwell	JACS	76 (1954)	5752
$C_{15}H_{11}NO_4$	9-Keto-10-nitro-methyl-9,10-dihydro-phenanthrol-10	6500-7000	Sol	Spec, H bond	Hilbert	JACS	58 (1936)	548
$C_{15}H_{11}NO_4$	cis-o-Nitrobenzal-acetophenone oxide	-	Sol	Freq	Cromwell	JACS	76 (1954)	5752
$C_{15}H_{11}NO_4$	trans-o-nitrobenzal-acetophenone oxide	-	Sol	Freq	Cromwell	JACS	76 (1954)	5752
$C_{15}H_{11}N_3$	5-Aminobenzo (e) pyrido (a) benzi-midazole	-	S	Group freq	Adams	JACS	76 (1954)	702
$C_{15}H_{11}N_3$	α-Benzylidenebenzene-diazomethyl cyanide	650-4000	S,Sol	Freq, H bond, Spec	Tanner	SA	15 (1959)	20
$C_{15}H_{11}N_3O$	1-Cyano-2-phenyl-glyoxal-1-phenyl-hydrazone	650-4000	S,Sol	Freq, H bond	Tanner	SA	15 (1959)	20
$C_{15}H_{11}N_3O$	3-Phenylazo-8-hydroxyquinoline	3300-3400	Sol	Freq, H bond, I	Badger	JCS	- (1958)	3437
$C_{15}H_{11}N_5O_{10}S$	bis-DNP-L-cysteine	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469
$C_{15}H_{11}O_5$	Pelargonidin	1000-1800	S	Spec	Gayon	BSCF	- (1960)	934
$C_{15}H_{11}O_6$	Cyanidin	1000-1800	S	Spec	Gayon	BSCF	- (1960)	934

$C_{15}H_{11}O_7$	Delphinidin	1000-1800	S	Spec	Gayon	BSCF	-	(1960)	934
$C_{15}H_{12}$	Fluorene-9-spiro-cyclopropane	-	S	Ident	Greenhow	JCS	-	(1952)	986
$C_{15}H_{12}$	1-Methylanthracene	3.0-14 μ	S,Sol	Spec, Table	Mosby	JOC	18	(1953)	964
		1375-1530	Sol	Ext coefficient	Moritz	SA	16	(1960)	74
$C_{15}H_{12}$	2-Methylanthracene	2700-3000	Sol	Spec	Badger	SA	15	(1959)	672
$C_{15}H_{12}$	9-Methylanthracene	3-15 μ	S	Spec, Group freq	Roitt	JCS	-	(1952)	2695
		2700-3000	Sol	Spec	Badger	SA	15	(1959)	672
$C_{15}H_{12}$	meso-Methyl-anthracene	-	-	Spec	Buu-hoi	BSCF	-	(1958)	1404
$C_{15}H_{12}$	1-Methylene-2,3,6,7-dibenzcycloheptatriene	2-16 μ	Sol	Spec	Cope	JACS	73	(1951)	1673
$C_{15}H_{12}$	1-Methylphenanthrene	650-2000	S,Sol	Spec	Cannon	SA	4	(1951)	373
$C_{15}H_{12}$	3-Methylphenanthrene	650-2000	S	Spec	Cannon	SA	4	(1951)	373
$C_{15}H_{12}$	9-Methylphenenthrene	650-2040	Sol	Spec	Cannon	SA	4	(1951)	373
		2-15 μ	-	Struct, Ident	Cagniant	BSCF	-	(1957)	1403
		2700-3000	Sol	Spec	Badger	SA	15	(1959)	672
$C_{15}H_{12}BrNO$	3-p-Bromophenyl-5-phenylisooxazoline	-	Sol	Band freq	Barnes	JACS	76	(1954)	276
$C_{15}H_{12}BrNO$	5-p-Bromophenyl-3-phenylisooxazoline	-	Sol	Band freq	Barnes	JACS	76	(1954)	276
$C_{15}H_{12}F_3NO$	4-Acetamido-3-trifluoromethyldiphenyl	-	-	Freq	Randle	JCS	-	(1955)	1311
$C_{15}H_{12}N_2$	4-Anilinoquinoline	1300-1700	Sol	Freq	Katritzky	JCS	-	(1960)	2942

$C_{15}H_{12}N_2$	2-4(5)-Diphenyl-imidazole (m.p. 179°)	2-12 μ	S	Spec	Haines	JACS 71 (1949) 2793
$C_{15}H_{12}N_2$	2,4-Diphenyl-imidazole (m.p. 194°)	2-12 μ	S	Spec	Haines	JACS 71 (1949) 2793
$C_{15}H_{12}N_2$	2,5-Diphenyl-imidazole	2-12 μ	S	Spec	Haines	JACS 71 (1949) 2793
$C_{15}H_{12}N_2$	2-Naphthylmethyl-(methylmalono-nitrile	-	-	Group freq, I	Westfahl	JACS 77 (1955) 936
$C_{15}H_{12}N_2O$	9-Acetamidoacridine	-	-	Spec	Sheinker	DANS 131 (1960) 1366
$C_{15}H_{12}N_2O$	N-Benzoyl-N-phenyl glycinonitrile	-	-	Group freq	Elliott	JACS 77 (1955) 4408
$C_{15}H_{12}N_2OS$	2-Anilino-5-phenyl-4(5)thiazolone	650-4000	S	Spec	Tayler	JACS 76 (1954) 1866
$C_{15}H_{12}N_2OS$	2-Imino-3,5-diphenyl-4-thiazolidone	650-4000	S	Spec, Ident	Tayler	JACS 76 (1954) 1866
$C_{15}H_{12}N_2OS$	4-o-Mercaptophenyl-1-phenylpyrazolone	-	-	Group study	Glauert	JCS - (1952) 2401
$C_{15}H_{12}N_2O_2$	3-Benzylbenzoylene-urea	2-16 μ	S	Spec, Group freq	Staiger	JOC 18 (1953) 1427
$C_{15}H_{12}N_2O_2$	4-(α-Cyano-α-benzoxy-ethyl)pyridine	600-4000	Sol	Group freq, Substitution	Katritzky	JCS - (1958) 4155
$C_{15}H_{12}N_2O_3$	2-Benzoyl-3-p-nitro-phenylazacyclo-propane	700-4000	Sol	Spec, Freq	Adelfang	JACS 82 (1960) 4241

$C_{15}H_{12}N_2O_3$	N,N'-Dibenzoylurea	-	Sol	Ident	Terss	JACS	76 (1954)	580
$C_{15}H_{12}N_2O_3$	Hydrofuramide	2-12 μ	S	Spec	Rogers	JACS	60 (1938)	2619
$C_{15}H_{12}N_2O_5$	3-Benzoyloxy-2,ω-dinitrostyrene	6.06-11.77	Sol	Table, Band freq, I	Ek	JACS	76 (1954)	5579
$C_{15}H_{12}N_2O_5$	o-Methylpolystictin	670-3600	S	Spec, Group freq, Struct	Cavill	JCS	- (1953)	525
$C_{15}H_{12}N_2O_6$	N-Anisoyl-O-(p-nitrobenzoyl) hydroxylamine	1550-4000	-	Spec	Leffler	JACS	72 (1950)	4294
$C_{15}H_{12}N_2O_6$	N-(4,5-Methylene-dioxy-2-nitro-benzoyl)-p-methyl-aminophenol	700-3000	S,Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{15}H_{12}N_4O$	2-Phenyl-4-amino-6-phenoxy-S-triazine	2-15 μ	S	Vibrational assign.	Reimschuessel	JACS	82 (1960)	3756
$C_{15}H_{12}N_4O_4$	Cinnamaldehyde-2,4-dinitrophenyl-hydrazone	2-15 μ	S	Band spec, Ident	Jones	AC	28 (1956)	191
$C_{15}H_{12}N_4O_4$	1-Indanone syn-2,4-dinitrophenyl-hydrazone	-	Sol	Band freq	Ramirez	JACS	75 (1953)	6026
$C_{15}H_{12}N_4O_4$	1-Phenyl-1-(2',4'-dinitrophenylazo) propene-1	-	Sol	Group freq	Ramirez	JACS	75 (1953)	6026
$C_{15}H_{12}N_4O_4$	Phenyl vinyl ketone-2,4-dinitrophenyl-hydrazone	-	Sol	Band freq	Ramirez	JACS	75 (1953)	6026

$C_{15}H_{12}N_8O_8$	Pyruvic aldehyde di-2,4-dinitrophenyl-hydrazone	6-15μ	S	Spec, Table	Ross	AC	25 (1953)	1288
$C_{15}H_{12}O$	Benzalacetaophenone	3-10μ	S	Spec	Taschck	JCP	7 (1939)	11
		-	Sol	Freq	Berson	JACS	74 (1952)	358
		1550-4000	S	Group freq	Hergert	JACS	75 (1953)	1622
		-	Sol	Group freq	Bellamy	JCS	- (1954)	4487
		650-1740	Sol	Freq, Spec	Bellamy	JCS	- (1955)	4221
		-	Sol	Spec, Group freq	Potts	SA	15 (1959)	679
$C_{15}H_{12}O$	cis-Benzalacetophenone	6.04-14.50μ	S	Group freq, Table	Kuhn	JACS	72 (1950)	5058
$C_{15}H_{12}O$	trans-Benzalaceto-phenone	6.06-14.6μ	S	Table, Group freq	Kuhn	JACS	72 (1950)	5058
$C_{15}H_{12}O$	Gibberenone	-	-	Ident	Cross	JCS	- (1954)	4670
		-	S	Group freq	Mulholland	JCS	- (1954)	4676
$C_{15}H_{12}O$	9-Hydroxymethyl-anthracene	-	-	Ident, Struct	Greene	JACS	77 (1955)	3852
$C_{15}H_{12}O$	α-Phenylacrylo-phenone	-	Sol	Group freq	Russell	JACS	76 (1954)	5714
$C_{15}H_{12}O_2$	cis-2-Carboxy-stilbene	2-15μ	Sol	Assign, Spec	Detor	JACS	78 (1956)	475
$C_{15}H_{12}O_2$	Benzalacetophenone oxide	2-16μ	Sol	Spec, Group freq	Berson	JACS	74 (1952)	5175
		2-15μ	Sol	Spec, Struct, Group freq	Wasserman	JACS	75 (1953)	96
$C_{15}H_{12}O_2$	cis-1,3-Diphenyl-2,3-epoxypropan-1-one	-	-	Ident	Wasserman	JACS	77 (1955)	590
$C_{15}H_{12}O_2$	trans-1,3-Diphenyl-2,3-epoxypropan-	-	S	Freq	Cromwell	JOC	17 (1952)	414
		-	-	Ident	Wasserman	JACS	77 (1955)	590

$C_{15}H_{12}O_2$	1,3-Diphenyl-1,3-propanedione	-	Sol	Group study	Buswell	JACS	59	(1937)	1767
		2.7-4.1 μ	Sol	Spec, H bond	Wall	JACS	61	(1939)	2812
		-	-	Freq, Struct	Rasmussen	JACS	71	(1949)	1068
		-	-	Group freq	Park	JACS	75	(1953)	4753
		-	Sol	Group freq	Bellamy	JCS	-	(1954)	4487
$C_{15}H_{12}O_2$	1,3-Diphenyl-1-propene-1-ol-3-one	2-7 μ	Sol	Group freq	Barnes	JACS	75	(1953)	479
$C_{15}H_{12}O_2$	1,3-Diphenyl-1-propene-2-ol-3-one	2-7 μ	Sol	Group freq	Barnes	JACS	75	(1953)	478
$C_{15}H_{12}O_2$	α,β-Epoxy-α-phenylpropiophenone	1600-1800	Sol	Freq, Assign, Iso	House	JACS	80	(1958)	6389
$C_{15}H_{12}O_2$	Flavanone	1550-4000	S	Group freq	Hergert	JACS	75	(1953)	1622
		-	Sol	Group freq	Shaw	JCS	-	(1955)	655
		-	L	Group freq	Inglett	JOC	23	(1958)	93
$C_{15}H_{12}O_2$	α-Formyldesoxybenzoin	3.8-14.59 μ	S	I, Ident	Russell	JACS	76	(1954)	5714
$C_{15}H_{12}O_2$	β-Formyldesoxybenzoin	3.8-14.33 μ	S	I, Ident	Russell	JACS	76	(1954)	5714
$C_{15}H_{12}O_2$	4-Methoxyanthrone	1658	S	Group freq	Flett	JCS	-	(1948)	1441
$C_{15}H_{12}O_2$	Phenyl cinnamate	-	-	Group freq	Fuson	JOC	18	(1953)	1762
$C_{15}H_{12}O_2$	2-Phenyl-3-hydroxyindone	-	-	Spec	Bergmann	BSCF	-	(1959)	634
$C_{15}H_{12}O_2$	trans-Stilbene-2-carboxylic acid	-		Freq	DeTar	JACS	77	(1955)	4410
		2-15 μ	Sol	Assign, Spec	DeTar	JACS	78	(1956)	475
$C_{15}H_{12}O_2S$	β-Phenylthiocinnamic acid	-	-	Group freq, Struct	Campaigne	JACS	76	(1954)	1272

$C_{15}H_{12}O_3$	2-Acetoxybenzo-phenone	-	-	Band freq, Ident	DeTar	JACS	75 (1953)	5117
$C_{15}H_{12}O_3$	2-Benzoxyaceto-phenone	1550-4000	S	Group freq	Hergert	JACS	75 (1953)	1622
$C_{15}H_{12}O_3$	2,5-Diphenyl-1,3-dioxol-4-one	-	-	Freq	Fuson	JACS	77 (1955)	3131
$C_{15}H_{12}O_3$	5-Hydroxyflavanone	-	Sol	Freq	Shaw	JCS	- (1955)	655
$C_{15}H_{12}O_3$	4-Methoxyoxanthrone	1653-1678	S,Sol	Group freq	Flett	JCS	- (1948)	1441
$C_{15}H_{12}O_3$	mono-(o-Carbomethoxy) diphenyl ketone	5.97 μ	-	Band freq	Woodward	JACS	74 (1952)	3458
$C_{15}H_{12}O_3$	3-Phenyl-4-hydroxy-coumarin	2-12 μ	Sol	Spec, Freq	Wildi	JOC	16 (1951)	407
$C_{15}H_{12}O_4$	p-Benzoylphenoxy-acetic acid	-	Sol	H bond	Oki	BCSJ	33 (1960)	119
$C_{15}H_{12}O_4$	3',4'-Dihydroxy-flavanone	1550-4000	S	Group freq, H bond	Hergert	JACS	75 (1953)	1622
$C_{15}H_{12}O_4$	2',3,4-Trihydroxy-benzalaceto-phenone	1550-4000	S	Group freq	Hergert	JACS	75 (1953)	1622
$C_{15}H_{12}O_5$	1,8-Dimethoxy-4-methylnaphthalene -2,3-dicarboxylic acid anhydride	-	Sol	Group freq	Hochstein	JACS	75 (1953)	5455
$C_{15}H_{12}O_6$	2',3,3',4,4'-Penta-hydroxybenzal-acetophenone	1550-4000	S	Group freq	Hergert	JACS	75 (1953)	1622

	acetophenone								
$C_{15}H_{12}O_6$	3',4',5,7-Tetra-hydroxyflavanone	1550-4000	S	Group freq, H bond	Hergert	JACS	75	(1953)	1622
$C_{15}H_{12}O_7$	d-Dihydroquercetin-cis	1550-4000	S	Group freq, H bond	Hergert	JACS	75	(1953)	1622
		700-4000	S	Spec, Struct, Assign	Hergert	JOC	18	(1953)	521
		-	-	Ident	Kurth	JACS	77	(1955)	1621
$C_{15}H_{13}BrN_4O_4$	α-Bromopropiophenone anti-2,4-dinitrophenyl-hydrazone	-	Sol	Band freq	Ramirez	JACS	75	(1953)	6026
		2-16μ	Sol	Spec, Freq	Ramirez	JACS	76	(1954)	1037
$C_{15}H_{13}Cl$	9,1'-Chloroethyl-fluorene	-	-	Ident	Greenhow	JCS	-	(1954)	3116
$C_{15}H_{13}ClO_2$	3-Chloro-2-hydroxy-1,3-diphenyl-propanone	-	-	Freq	House	JACS	76	(1954)	1235
$C_{15}H_{13}ClO_4$	1-Chloro-6-hydroxy-2,4-dimethoxy-8-methyldibenzo-furan	-	-	Ident	MacMillan	JCS	-	(1954)	429
$C_{15}H_{13}ClO_6$	7-Chloro-6-hydroxy-4-methoxy-2'-methyl-grisan-3,4',6'-trione	-	-	Struct	Grove	JCS	-	(1952)	3977
		-	Sol	Spec	Duncanson	JCS	-	(1957)	3555
$C_{15}H_{13}I_2NO_4$	Diiodothyronine	5-15μ	S	Spec	Wang	JACS	74	(1952)	2445
$C_{15}H_{13}I_2NO_4$	DL-Diiodothyronine-1-C^{14}	5-15μ	S	Spec	Wang	JACS	74	(1952)	2445
$C_{15}H_{13}N$	Diphenyl ketene-N-methyl imine	-	-	Group freq	Stevens	JACS	76	(1954)	4398
$C_{15}H_{13}N$	2-Phenylskatole	-	-	Spec	Witkop	JACS	74	(1952)	3855

$C_{15}H_{13}NO$	7-Benzyloxyindole	2.86-10.32μ	Sol	Table, I	Ek	JACS	76 (1954) 5579
$C_{15}H_{13}NO$	2-Phenyl-4-methyl-1,3,4a-d-benzoxazine	6.15-11.78μ	Sol	Table, I	Patrick	JOC	76 (1954) 1824
$C_{15}H_{13}NO_2$	N-Acetoxydiphenyl methyl imine	-	S	Freq	Freeman	JACS	80 (1958) 5954
$C_{15}H_{13}NO_2$	o-Benzoylaminoaceto-phenone	-	-	Spec	Witkop	JACS	74 (1952) 3855
$C_{15}H_{13}NO_2$	Dehydro-apo-β-erythroidine	2-15μ	S	Spec, Struct	Grundon	JACS	74 (1952) 2637
$C_{15}H_{13}NO_2$	2-Hydroxy-3-acetyl-aminofluorene	-	-	Group freq	Weisburger	JACS	77 (1955) 1914
$C_{15}H_{13}NO_3$	N-Acetyl-O-benzoyl-o-aminophenol	-	Sol	Spec, Band freq	Witkop	JACS	74 (1952) 3861
$C_{15}H_{13}NO_3$	N-Benzoyl-O-acetyl-o-aminophenol	-	Sol	Spec, Band freq	Witkop	JACS	74 (1952) 3861
$C_{15}H_{13}NO_3$	2-Hydroxybenzophenone oxime acetate	6700-7200	Sol	Spec, H bond	Hendricks	JACS	58 (1936) 1991
$C_{15}H_{13}NO_3$	ω-(o-Nitrobenzyl)-acetophenone	-	Sol	Group freq	Cromwell	JACS	76 (1954) 5752
$C_{15}H_{13}NO_3S$	1-Benzenesulfonyl-1,2,3,4-tetrahydro-4-oxoquinoline	600-1700	S	Spec, Struct	Braunholtz	JCS	- (1957) 4166
$C_{15}H_{13}NO_4$	2,2'-Dihydroxybenzo-phenone oxime acetate	6800-7200	Sol	Spec, H bond	Hendricks	JACS	58 (1936) 1991

	phenone oxime acetate							
$C_{15}H_{13}NO_4S$	10-Ethylphenothiazine-4-carboxylic acid-5-dioxide	-	-	Group study, Ident	Gilman	JOC	19 (1954)	560
$C_{15}H_{13}N_3$	3-Phenyl-5-p-tolyl-1,2,4-triazole	-	-	Group freq	Potts	JCS	- (1954)	3461
$C_{15}H_{13}N_3O$	α-Azido-α-phenyl-propiophenone	-	-	Group freq	Boyer	JACS	75 (1953)	1642
$C_{15}H_{13}N_3O_6$	DNP-dl-phenylalanine	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469
$C_{15}H_{13}N_3O_6$	DNP-l-phenylalanine	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469
$C_{15}H_{13}N_3S$	2(3)-Imino-3,5-diphenyl-4-amino-thiazoline	650-4000	S	Spec	Taylor	JACS	76 (1954)	1866
$C_{15}H_{13}N_3S$	4-Thiocyanatoazo-toluene	600-1700	S	Spec, Freq	Le Fevre	AJC	10 (1957)	26
$C_{15}H_{14}$	9,10-Dihydro-9-methyl-anthracene	3-15 μ	S	Spec, Group freq	Roitt	JCS	- (1952)	2695
$C_{15}H_{14}$	9,9-Dimethylfluorene	700-1400	Sol	Spec	Scherf	CJC	38 (1960)	697
$C_{15}H_{14}$	Gibberene	-	-	Ident	Cross	JCS	- (1954)	4670
		-	-	Ident	Mulholland	JCS	- (1954)	4676
$C_{15}H_{14}$	4-Methyl-trans-stilbene	960	Sol	Group study	Orr	SA	8 (1956)	218
$C_{15}H_{14}ClNO_2$	o-(2-Ethoxybenzamido) chlorobenzene	-	-	Group freq	Hein	JACS	76 (1954)	2725
$C_{15}H_{14}ClO_4$	Isodecarboxygriseo-fulvic acid	-	S	Group freq, Struct	Grove	JCS	- (1952)	3977

$C_{15}H_{14}F_{14}O_4$	bis-2,2,3,3,4,4,4-Heptafluorobutyl pimelate	-	L	Group freq	Rappapert	JACS	75 (1953)	2695
$C_{15}H_{14}N_2$	Dibenzyl carbodiimide	2000-2300	Sol	I, Sym	Meakins	JCS	- (1957)	993
$C_{15}H_{14}N_2$	5-Dimethylaminoacridine	6.15-7.98μ	S	Table, Band freq	Acheson	JCS	- (1954)	3742
$C_{15}H_{14}N_2$	1,5-Diphenyl-2-pyrazoline	-	-	Group freq	Snyder	JACS	74 (1952)	3243
$C_{15}H_{14}N_2$	Di-p-tolyl carbodiimide	- 2000-2300	- Sol	Group freq Freq	Khorana Meakins	CR JCS	53 (1953) - (1957)	145 993
$C_{15}H_{14}N_2O$	3-Amino-2-acetylaminofluorene	1300-4000	S	Table	Gutmann	JACS	77 (1955)	4422
$C_{15}H_{14}N_2O_2$	N-(4-Acetylaminobenzylidene-2-aminophenol	-	Sol	Freq	Clougherty	JOC	22 (1957)	462
$C_{15}H_{14}N_2O_2$	Di-p-methoxyphenyl carbodiimide	2000-2300	Sol	Vibrations	Meakins	JCS	- (1957)	993
$C_{15}H_{14}N_2O_2$	1-Methyl-4-(α-carbethoxy-α-cyanomethylene)-1,4-dihydroquinoline	1600-2200	-	Band freq	Leonard	JACS	74 (1952)	2110
$C_{15}H_{14}N_4$	3-Amino-4-benzyl-5-phenyl-1,2,4,4H-triazole	-	-	Group freq, Struct	Kaiser	JOC	18 (1953)	196
$C_{15}H_{14}N_4$	5-Amino-1-benzyl-4-phenyl-1,2,3-triazole	900-1310	S	Freq, Assign, I	Lieber	CJC	36 (1958)	1441

$C_{15}H_{14}N_4$	5-p-Toluidyl-4-phenyl-1,2,3-triazole	900-1310	S	Freq, Assign, I	Lieber	CJC	36	(1958) 1441
$C_{15}H_{14}N_4O_2S$	N-(Phenyl-p-azophenyl) thiocarbamoyl-dl-glycine	600-4000	S	Spec	Epp	AC	29	(1957) 1283
$C_{15}H_{14}N_4O_3$	Methyl N-(α-pyridyl) mesoxalamate phenylhydrazone	700-3400	Sol	Spec	Snyder	JACS	74	(1952) 4910
$C_{15}H_{14}N_4O_4$	Hydrocinnamic aldehyde-2,4-dinitrophenylhydrazone	2-15 μ	S	Spec, Ident	Jones	AC	28	(1956) 191
$C_{15}H_{14}N_4O_4$	p-Methylacetophenone-2,4-dinitrophenylhydrazone	2-15 μ	S	Spec, Ident	Jones	AC	28	(1956) 191
$C_{15}H_{14}N_4O_4$	α-Phenylacetone-2,4-dinitrophenylhydrazone	-	Sol	Band freq	Ramirez	JACS	75	(1953) 6026
$C_{15}H_{14}N_4O_4$	α-Phenylpropionaldehyde-2,4-dinitrophenylhydrazone	-	Sol	Group study	Ramirez	JACS	76	(1954) 1037
$C_{15}H_{14}N_4O_4$	Propiophenone-2,4-dinitrophenylhydrazone (syn)	- -	Sol -	Band freq Ident	Ramirez Witkop	JACS JACS	75 75	(1953) 1026 (1953) 1975
$C_{15}H_{14}N_4O_4$	anti-Propiophenone-2,4-dinitrophenylhydrazone	2-16 μ	Sol	Spec	Ramirez	JACS	76	(1954) 1037
$C_{15}H_{14}N_4O_8$	4-Keto-3,6-methylene-hexahydro-endo-cis-phthalic acid-2,4-dinitrophenylhydrazone	-	-	Group freq	Kwart	JACS	76	(1954) 4078

$C_{15}H_{14}N_4O_8$	4-Keto-3,6-methylene-hexahydro-trans-phthalic acid-2,4-dinitrophenyl-hydrazone	-	-	Group freq	Kwart	JACS	76 (1954)	4078
$C_{15}H_{14}O$	ω-Benzylacetophenone	-	S	Group freq	Cromwell	JOC	17 (1952)	414
		700-4000	Sol	Spec, Freq	Adelfang	JACS	82 (1960)	4241
$C_{15}H_{14}O$	Benzyl p-tolyl ketone	2.5-12 μ	Sol	Spec	Curtin	JACS	76 (1954)	3719
$C_{15}H_{14}O$	Cyclooctatetraenyl-phenylcarbinol	-	-	Band freq	Cope	JACS	75 (1953)	3208
$C_{15}H_{14}O$	Dibenzyl ketone	3-10 μ	-	Spec	Taschek	JCP	7 (1939)	11
$C_{15}H_{14}O$	4,4'-Dimethyl-benzophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{15}H_{14}O$	cis-1,3-Diphenyl-2-propen-1-ol	-	-	Group freq	Lutz	JACS	77 (1955)	366
		-	Sol	Band freq, I	Lutz	JACS	77 (1955)	1814
		-	-	Ident	Wasserman	JACS	77 (1955)	590
$C_{15}H_{14}O$	trans-1,3-Diphenyl-prop-2-en-1-ol	-	Sol	Band freq	Lutz	JACS	77 (1955)	1816
$C_{15}H_{14}O$	1-Hydroxy-2-methylene-1,2,3,4-tetrahydro phenanthrene	-	-	Ident, Struct	Dreiding	JACS	75 (1953)	3723
$C_{15}H_{14}O$	1-Keto-2-methyl-1,2,3,4-tetrahydro-phenanthrene	-	-	Group freq	Dreiding	JACS	75 (1953)	3723
$C_{15}H_{14}O$	2-Methoxystilbene	5-15 μ	S	Spec, Band freq	Thompson	JCS	- (1950)	214
$C_{15}H_{14}O$	p-Methylbenzyl phenyl	2.5-12 μ	Sol	Spec	Curtin	JACS	76 (1954)	3719

$C_{15}H_{14}O$	3-Methyl-4-keto-1,2,3,4-tetrahydrophenanthrene	-	-	Band freq	Djerassi	JACS	76 (1954) 1741
$C_{15}H_{14}O$	cis-2-Phenylcinnamyl alcohol	-	-	Group freq, Struct	Lutz	JACS	77 (1955) 366
$C_{15}H_{14}O_2$	Benzoin methyl ether	-	-	Group freq	Dauben	JACS	74 (1952) 2082
$C_{15}H_{14}O_2$	trans-1,3-Diphenyl-2,3-epoxy-1-propanol	-	-	Ident	Wasserman	JACS	77 (1955) 590
$C_{15}H_{14}O_2$	1,2-Diphenyl-1-methoxyethylene oxide	-	-	Group freq, Struct	Stevens	JACS	75 (1953) 3977
$C_{15}H_{14}O_2$	11-α-Furyl-2,4,6,8,10-undecapentaenal	1400-2000	Sol,S	Spec	Blout	JACS	70 (1948) 194
$C_{15}H_{14}O_2$	3-Hydroxy-4-propionyl-biphenyl	800-2900	Sol	Spec, Freq	Lacey	JCS	- (1960) 3153
$C_{15}H_{14}O_2$	Methyl diphenylacetate	-	-	Reference	Bonner	JACS	76 (1954) 6350
$C_{15}H_{14}O_2S$	Benzylthio o-methoxybenzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959) 514
$C_{15}H_{14}O_2S$	9-(9-Methylfluorenyl) methyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960) 1312
$C_{15}H_{14}O_3$	2,2'-Dimethoxybenzophenone	-	-	Ident	Morton	JACS	76 (1954) 2973
$C_{15}H_{14}O_3$	4,4'-Dimethoxybenzophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
		1700	Sol	Freq, I, Substitution	Thompson	SA	9 (1957) 208
		1000-1700	Sol	Band freq, Ident	Buckles	JACS	82 (1960) 2444
$C_{15}H_{14}O_3$	Di-m-tolyl carbonate	-	Sol	Freq, I, Group study	Thompson	SA	13 (1958) 236

$C_{15}H_{14}O_3$	Di-p-tolyl carbonate	-	Sol	Freq, I, Group study	Thompson	SA	13 (1958)	236
$C_{15}H_{14}O_3$	Lapachol	2-12 μ	Sol	Spec	Ettlinger	JACS	72 (1950)	3666
$C_{15}H_{14}O_3$	β-Lapachone	- 1600-1800	- Sol	Freq Group freq	Ettlinger Josien	JACS JCP	72 (1950) 21 (1953)	3666 331
$C_{15}H_{14}O_3$	3-Nor-2-diacetylidene-methylbenzsuber-enol-1	3-14 μ	S	Spec, Struct	Ott	JACS	74 (1952)	6266
$C_{15}H_{14}O_3$	3-Nor-2-diacetylidene-methylbenzsuber-enol-1-hemiacetal cyclized	3-14 μ	S	Spec, Struct	Ott	JACS	74 (1952)	6266
$C_{15}H_{14}O_4$	3-Hydroxy-5,7-dimethoxy-1-methyl-dibenzofuran	-	-	Ident	MacMillan	JCS	- (1954)	429
$C_{15}H_{14}O_4$	Hydroxyisolapachol	2-12 μ	Sol	Spec	Ettlinger	JACS	72 (1950)	3666
$C_{15}H_{14}O_4$	Yangonine	2-12 μ	S,Sol	Struct	Chmielewska	TE	4 (1958)	36
$C_{15}H_{14}O_4$	Pseudoyangonine	2-12 μ	Sol	Struct	Chmielewska	TE	4 (1958)	36
$C_{15}H_{14}O_4S$	o-Acetylphenyl toluene-p-sulfonate	-	S	Group freq	Plant	JCS	- (1955)	1278
$C_{15}H_{14}O_4S$	p-Tolylsulfonyl-carbinyl benzoate	5-14 μ	S	Band freq, I	Field	JACS	73 (1951)	5870
$C_{15}H_{14}O_6$	l-Epicatechol	700-4000	S	Spec, Group assign	Hergert	JOC	18 (1953)	521
$C_{15}H_{14}O_6$	α-3,3',4',5,7-trans-Pentahydroxy-flavan	700-4000	S	Spec, Assign, Struct	Hergert	JOC	18 (1953)	521

	flavan								
$C_{15}H_{15}BrO_3S$	Benzylmethyl-carbinyl p-bromo-benzenesulfonate	7-15μ	-	Spec, Freq	Winstein	JACS	74	(1952)	2171
$C_{15}H_{15}BrO_3S$	2-Phenyl-1-propyl-p-bromobenzene sulfonate	7-15μ	-	Spec, Freq	Winstein	JACS	74	(1952)	2171
$C_{15}H_{15}BrO_6$	α,β-Bromopicrotoxinin	2-16μ	S	Spec	Conroy	JACS	74	(1952)	491
$C_{15}H_{15}ClO_3$	Benzyl 2-chloro-3,5-dimethoxyphenyl ether	-	-	Ident	Grove	JCS	-	(1952)	3967
$C_{15}H_{15}ClO_4$	1-8-Chloro-1,2,3,4-tetrahydro-5,7-dimethoxy-1-methyl-3-oxodibenzofuran	-	-	Ident	MacMillan	JCS	-	(1954)	429
$C_{15}H_{15}ClO_6$	Decarboxygriseofulvic acid	700-1900	-	Spec, Group study	Grove	JCS	-	(1952)	3949
$C_{15}H_{15}ClO_7$	β-(4-Chloro-7-methoxy-3-methylphthalid-3) glutaric acid	-	-	Ident	Hutchings	JACS	74	(1952)	3710
$C_{15}H_{15}N$	N-α-Phenylethylidene-benzylamine	600-4000	-	Spec, Assign	Hidalgo	ARS	53B	(1957)	491
$C_{15}H_{15}N$	1,4,9-Trimethyl-carbazole	4-14μ	-	Ident	Robinson	JCS	-	(1953)	2596
$C_{15}H_{15}NO$	N-(Benzyl)phenyl-acetamide	1500-1750	S	Spec, Assign	Richards	JCS	-	(1947)	1248
$C_{15}H_{15}NO$	N-(Diphenylmethylene)-2-aminoethanol-1	-	Sol	Group freq, H bond	Bergmann	JACS	75	(1953)	68

$C_{15}H_{15}NO$	9-Ethyl-5,6,7,8-tetrahydro-8-oxo-phenanthridine	-	L,S	Band freq	Rogers	JCS	-	(1955)	341
$C_{15}H_{15}NO$	2-β-Hydroxyethyl-aminofluorene	-	-	Group freq	Sawicki	JACS	75	(1953)	4596
$C_{15}H_{15}NO$	α-Phenylaceto-p-toluidide	-	Sol	Band freq, Ext coefficient	Russell	JCS	-	(1955)	483
$C_{15}H_{15}NO$	N-o-Tolylphenyl-acetamide	1500-3600 3μ	S,Sol Sol	Assign, Spec Band freq	Richards Russell	JCS SA	- 8	(1947) (1956)	1248 138
$C_{15}H_{15}NO$	N-p-Tolylphenyl-acetamide	1500-3600 3μ	S,Sol Sol	Spec, Assign Band freq	Richards Russell	JCS SA	- 8	(1947) (1956)	1248 138
$C_{15}H_{15}NO_2$	1-Benzyl-4,5,6,7-tetrahydroisatin	900-4000	S	Struct	O'Sullivan	JCS	-	(1959)	876
$C_{15}H_{15}NO_2$	Des-methoxy-β-erythroidine	2.5-15μ	S	Spec, Struct	Boekelheide	JACS	75	(1953)	2550
$C_{15}H_{15}NO_2$	N,3-Dimethyl-2-benzamidophenol	-	S	Band freq, Assign, I	Edward	JACS	-	(1954)	1464
$C_{15}H_{15}NO_2$	N,4-Dimethyl-2-benzamidophenol	670-1300	S	Band freq, Assign, I	Edward	JCS	-	(1954)	1464
$C_{15}H_{15}NO_2$	N,5-Dimethyl-2-benzamidophenol	-	S	Band freq, Assign	Edward	JCS	-	(1954)	1464
$C_{15}H_{15}NO_2$	Diphenylurethan	2-15μ	Sol	Spec, Group freq	Pristera	AC	25	(1953)	844
$C_{15}H_{15}NO_2$	apo-β-Erythroidine	2-15μ -	Sol S	Spec, Struct Group freq, Struct	Grundon Grundon	JACS JACS	74 75	(1952) (1953)	2637 2537
$C_{15}H_{15}NO_2$	Isoapo-β-erythroidine	2-15μ -	S -	Spec, Struct Group freq, Struct	Grundon Boekelheide	JACS JACS	74 75	(1952) (1953)	2637 2550

$C_{15}H_{15}NO_2$	N-(4-Methoxy) benzylidene-4-anisidine	-	Sol	Freq	Cloughertt	JOC	22	(1957)	462
$C_{15}H_{15}NO_2$	4,5,6,7-Tetrahydro-1-(p-methyl) phenylisatin	900-4000	S	Substitution effect	O'Sullivan	JCS	-	(1959)	876
$C_{15}H_{15}NO_3$	4,5,6,7-Tetrahydro-1-(m-methoxy) phenylisatin	900-4000	S	Substitution effect	O'Sullivan	JCS	-	(1959)	876
$C_{15}H_{15}NO_3$	4,5,6,7-Tetrahydro-1-(p-methoxy) phenylisatin	900-4000	S	Substitution effect	O'Sullivan	JCS	-	(1959)	876
$C_{15}H_{15}NO_3S$	1-α-Naphtyl-mercapturic acid	2-15μ	S,Sol	Spec, Struct	Fuson	JACS	74	(1952)	1
$C_{15}H_{15}NO_4$	1-N-Acetyl-2-methyl-carboxy-3-methoxy-5-phenylpyrrole	-	Sol	Freq	Tanner	SA	9	(1957)	282
$C_{15}H_{15}NO_4$	Bicyclo[2.2.2]-5-octen-2-ol p-nitrobenzoate	-	-	Ident	Wildman	JOC	19	(1954)	381
$C_{15}H_{15}NO_5$	Isoacronycidine	1450-4000	S	Spec, Freq	Price	AJC	12	(1959)	589
$C_{15}H_{15}NO_6$	5-Methyl-2-cyclo-hexenyl-3-nitro acid phthalate	-	-	Freq	Goering	JACS	76	(1954)	5409
$C_{15}H_{15}NO_6$	3,5,6-Triacetoxy-N-methylindole	1500-3500	S	Struct	Heacock	CJC	36	(1958)	1550
$C_{15}H_{15}NS$	10-Isopropylpheno thiazine	-	-	Ident	Gilman	JOC	19	(1954)	560

$C_{15}H_{15}N_3O_2S$	10-Ethylphenothiazine-4-carboxylic acid hydrazide-5-oxide	-	-	Ident	Gilman	JOC	19 (1954)	560
$C_{15}H_{15}N_3O_6$	Triethyl 1,2,3-tricyanocyclopropane-1,2,3-tricarboxylate	4.5-6 μ	Sol	Struct	Felton	JCS	- (1955)	2170
$C_{15}H_{15}N_5O_4$	p-Dimethylaminobenzaldehyde-2,4-dinitrophenylhydrazone	2-15 μ	S	Spec, Ident	Jones	AC	28 (1956)	191
$C_{15}H_{15}O_3S\cdot HCl$	p-Aminomethylphenyl benzoylmethyl sulfone hydrochloride	-	S	Substitution effect	Momase	CPBT	6 (1958)	412
$C_{15}H_{16}$	1,1-Diphenylpropane	8000-9000	Sol	Group study	Hibbard	AC	21 (1949)	486
$C_{15}H_{16}$	2-Ethyldiphenylmethane	15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
$C_{15}H_{16}$	3-Ethyldiphenylmethane	15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
$C_{15}H_{16}$	4-Ethyldiphenylmethane	15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
$C_{15}H_{16}$	2-Isopropylbiphenyl	-	-	Freq	Rondestvedt	JACS	77 (1955)	1769
$C_{15}H_{16}$	3-Isopropylbiphenyl	-	-	Freq	Rondestvedt	JACS	77 (1955)	1769
$C_{15}H_{16}$	4-Isopropylbiphenyl	-	-	Freq	Rondestvedt	JACS	77 (1955)	1769
$C_{15}H_{16}$	9-Methyl-1,2,3,4-tetrahydrophenanthrene	2-15 μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403

$C_{15}H_{16}$	2-n-Propylbiphenyl	8000-9000	Sol	Group study	Hibbard	AC	21 (1949)	486
$C_{15}H_{16}$	3,5,4'-Trimethyl-biphenyl	660-2000	Sol	Spec	Cannon	SA	4 (1951)	373
$C_{15}H_{16}F_3NO_2$	N-Benzoyl-N-trifluoro-acetylcyclohexyl-amine	-	Sol	Group freq	Bourne	JCS	- (1952)	4014
$C_{15}H_{16}INS$	N-α-Methylthio-benzylideneaniline methiodide	-	Sol	Group freq	Goulden	JCS	- (1953)	997
$C_{15}H_{16}N_2$	N-Benzylidene-N'-dimethyl-4-phenylene-diamine	-	Sol	Freq	Clougherty	JOC	22 (1957)	462
$C_{15}H_{16}N_2$	4-(p-Dimethylamino-styryl)pyridine	-	-	Freq, Struct, Assign	Katritzky	JCS	- (1959)	3674
$C_{15}H_{16}N_2O$	N-Benzoyl-N,N'-dimethyl-o-phenylene-diamine	2-15μ	Sol	Freq, Struct	Smith	JACS	71 (1949)	1082
$C_{15}H_{16}N_2O$	N-(4-Dimethylamino) benzylidene-2-aminophenol	- 3300-3400	Sol Sol	Freq Freq, I, H bond	Clougherty Badger	JOC JCS	22 (1957) - (1958)	462 3437
$C_{15}H_{16}N_2O$	4-(p-Dimethylamino-styryl)pyridine-N-oxide	- 700-1700	- Sol	Freq, Assign, Struct Freq, Assign, I	Katritzky Katritzky	JCS JCS	- (1959) - (1959)	2051 3674
$C_{15}H_{16}N_2O$	S-Dimethyldiphenyl-urea	2-15μ	Sol	Spec, Group freq	Pristera	AC	25 (1953)	844
$C_{15}H_{16}N_2O$	4-Methoxyazotoluene	600-1700	S	Spec, Freq	Le Fevre	AJC	10 (1957)	26
$C_{15}H_{16}N_2O$	4-β-Phenylacetamido-ethylpyridine	600-4000	Sol	Group freq	Katritzky	JCS	- (1958)	4155

$C_{15}H_{16}N_2O_2$	N-Acetylharmaline	-	Sol	Group freq	Marion	JACS	73	(1951)	305
$C_{15}H_{16}N_2O_2$	1-Benzyl-4,5,6,7-tetrahydroisatin-3-oxime	900-4000	S	Struct	O'Sullivan	JCS	-	(1959)	876
$C_{15}H_{16}N_2O_2$	Pyridoxylidene-benzylamine	-	Sol	Freq	Witkop	JACS	76	(1954)	5589
$C_{15}H_{16}N_2O_3$	2-Acetyl-1,2,3,4-tetrahydro-7-methoxy-9-methyl-1-oxo-β-carboline	6 μ	S	Group freq	Abramovitch	JCS	-	(1957)	1413
$C_{15}H_{16}N_2O_3$	Pyridoxylidene-o-hydroxybenzyl-amine	-	S	Group freq	Witkop	JACS	76	(1954)	5589
$C_{15}H_{16}N_2O_3$	Pyridoxylidene-p-hydroxybenzyl-amine	-	S	Group freq, I, Iso	Witkop	JACS	76	(1954)	5589
$C_{15}H_{16}N_2O_3$	Salicylidenepyrid-oxamine	-	S	Group freq	Witkop	JACS	76	(1954)	5589
$C_{15}H_{16}N_2O_3S$	N-Methyl-p-acetamido-benzenesulfonanilide	-	S,Sol	Group freq	Baxter	JCS	-	(1956)	669
$C_{15}H_{16}N_2O_4$	4,6-Dihydroxy-2-phenyl-5-(2'-tetra-hydropyranoxy) pyrimidine	650-3600	S	Group study	Tanner	SA	8	(1956)	9
$C_{15}H_{16}N_2O_8$	2-Hydroxycyclohexane-1-spiro-2',1',3'-dioxolan 3,5-dinitro-	-	S	Ident	Jaeger	JCS	-	(1955)	160

	benzoate								
$C_{15}H_{16}N_2S$	4-Pyridyl-n-β-phenyl-ethylthioacetamide	600-4000	Sol	Group freq	Katritzky	JCS	-	(1958)	4155
$C_{15}H_{16}O$	1-p-Anisyl-1-phenyl-ethane	2-16μ	Sol	Spec, Ident	Curtin	JACS	74	(1952)	5381
$C_{15}H_{16}O$	1-p-Anisyl-2-phenyl-ethane	2-16μ	Sol	Spec, Ident	Curtin	JACS	74	(1952)	5381
$C_{15}H_{16}O$	6-Benzylidene-3,5-dimethyl-Δ^2-cyclo-hexenone	1600-1800	Sol	Group freq	Fuson	JACS	76	(1954)	2526
$C_{15}H_{16}O$	Diphenylethyl-carbinol	-	-	Ident	Kaufmann	JACS	76	(1954)	5794
$C_{15}H_{16}O$	1,1-Diphenyl-2-propanol	2.5-13μ	L	Spec, Ext coefficient	Abd Elhafez	JACS	75	(1953)	339
		-	L	Freq	Cram	JACS	76	(1954)	28
$C_{15}H_{16}O$	1,2-Diphenyl-2-propanol	2.5-13μ	L	Spec, Ext coefficient	Abd Elhafez	JACS	75	(1953)	339
$C_{15}H_{16}O$	1,3-Diphenylpropane-1-ol	-	-	Group freq	Dreiding	JACS	75	(1953)	3723
$C_{15}H_{16}O$	L-erythro-1,2-Diphenyl-1-propanol	2.5-13μ	L	Spec, Ext coefficient	Abd Elhafez	JACS	75	(1953)	339
		-	L	Freq	Cram	JACS	76	(1954)	28
$C_{15}H_{16}O$	L-threo-1,2-Diphenyl-1-propanol	2.5-13μ	L	Spec, Ext coefficient	Abd Elhafez	JACS	75	(1953)	339
		-	L	Freq	Cram	JACS	76	(1954)	28
$C_{15}H_{16}O$	o-α-Phenethyl-p-cresol	-	-	Ident	Hart	JACS	76	(1954)	4547
$C_{15}H_{16}OSi$	Benzoyldimethyl-phenylsilane	-	Sol	Freq	Brook	JACS	82	(1960)	5102
$C_{15}H_{16}O_2$	3-Acetyl-6-phenyl-hepta-3,5-dien-2-one	1200-1800	Sol	Spec, Freq	Lacey	JCS	-	(1960)	3153

$C_{15}H_{16}O_2$	Bisphenol A	3100-3700 650-1300 2-15.3μ	S,Sol - S	Assign, Spec Spec Spec	Richards Thompson Hacskaylo	JCS JCS AC	- - 26	(1947) 1260 (1947) 289 (1954) 1410
$C_{15}H_{16}O_2$	Dianisylmethane	1000-1700	Sol	Ident, Band freq	Buckles	JACS	82	(1960) 2444
$C_{15}H_{16}O_2$	2,2'-Dihydroxy-5,5'-dimethyldiphenylmethane	3100-3700	Sol,S	Assign, Spec	Richards	JCS	-	(1947) 1260
$C_{15}H_{16}O_2$	9,10-Diketo-12-methyl-1,2,3,4,9,10,11,12-octahydrophenanthrenenol	-	-	Group freq	Parham	JACS	77	(1955) 1166
$C_{15}H_{16}O_2$	4,8-Dimethyl-6-carbethoxyazulene	-	-	Review	Gordon	CR	50	(1952) 127
$C_{15}H_{16}O_3$	1-Acetyl-1-carbethoxy-4-phenyl-1,3-butadiene	1200-1800	Sol	Spec, Freq	Lacey	JCS	-	(1960) 3153
$C_{15}H_{16}O_3$	4-Carbethoxy-3-phenylcyclohex-2-en-1-one	-	Sol	Group freq	Walker	JACS	77	(1955) 3664
$C_{15}H_{16}O_3$	4-Carbomethoxy-5-benzoylcyclohexene	-	Sol	Freq	Marvel	JOC	20	(1955) 587
$C_{15}H_{16}O_3$	Methyl 7-p-methoxyphenyl-all-trans-2,4,6-heptatrienoate	-	S	Group freq, I	Allan	JCS	-	(1955) 1876
$C_{15}H_{16}O_3$	Santonene	2-15μ	S,Sol	Struct	Kanzawa	JACS	80	(1958) 3705
$C_{15}H_{16}O_4$	Cinnamenylitaconic acid ethyl ester	-	Sol	Freq	Walker	JACS	76	(1954) 6205

					Walker	JACS	76	(1954)	6205
$C_{15}H_{16}O_4$	Cyclohexane-spiro-3-(3,4-dihydroisocoumarin-4-carboxylic acid)	-	S	Group freq, Struct	Leomenthal	JCS	-	(1952)	4799
$C_{15}H_{16}O_4$	Dihydropseudoyangonine	2-12 μ	Sol	Struct	Chmielewska	TE	4	(1958)	36
$C_{15}H_{16}O_4$	Dihydroyangonine	2-12 μ	Sol	Struct	Chmielewska	TE	4	(1958)	36
$C_{15}H_{16}O_4$	cis-5-Methyl-2-cyclohexenyl acid phthalate	-	-	Freq	Goering	JACS	76	(1954)	5409
		-	-	Ident	Goering	JACS	77	(1955)	1129
$C_{15}H_{16}O_4$	l-trans-5-Methyl-2-cyclohexenyl acid phthalate	-	Sol	Ident	Goering	JACS	76	(1954)	5405
		-	-	Freq	Goering	JACS	76	(1954)	5409
$C_{15}H_{16}O_4$	dl-α-1,2,3,4-Tetrahydro-5,7-dimethoxy-1-methyl-3-oxodibenzofuran	-	-	Ident	Mac Millan	JCS	-	(1954)	429
$C_{15}H_{16}O_4$	dl-β-1,2,3,4-Tetrahydro-5,7-dimethoxy-1-methyl-3-oxodibenzofuran	-	Sol	Ident	Mac Millan	JCS	-	(1954)	429
$C_{15}H_{16}O_4S$	β-Phenoxyethyl p-toluenesulfonate	800-1620	S	Band freq	Tipson	JACS	74	(1952)	1354
$C_{15}H_{16}O_6$	Picrotoxinin	-	-	Band freq, Struct	Conroy	JACS	73	(1951)	1889
		-	S,Sol	Band freq, Struct	Benstead	JCS	-	(1952)	1042
		2-16 μ	H	Spec, Struct, Freq	Conroy	JACS	74	(1952)	491
$C_{15}H_{16}O_7$	Dihydrogladiolide diacetate	-	S,Sol	Group freq, Struct	Dunoanson	JCS	-	(1953)	3637

$C_{15}H_{16}O_8$	1-Methyl-2,3,5,6-tetracarbomethoxybenzene	-	-	Ident	Nes	JACS	76 (1954)	3182
$C_{15}H_{16}Si$	Diphenylallylsilane	2-16 μ	Sol	Group freq	Kniseley	SA	15 (1959)	651
$C_{15}H_{17}BrO_4$	1-Hydroxy-1-[(hydroxymethoxy-p-bromophenyl)methyl]-cyclohexane-2-carboxylic acid-γ-lactone	2-16 μ	Sol	Speo, Struct	Bartlett	JACS	73 (1951)	4275
$C_{15}H_{17}BrO_5$	5-Bromo-7,8-dimethoxy-2-tetralone-1-acetic acid methyl ester	-	-	Band freq	Stork	JACS	73 (1951)	4743
$C_{15}H_{17}BrO_5$	3-Carbethoxy-5-bromo-7,8-dimethoxy-1-tetralone	-	Sol	Band freq	Walker	JACS	75 (1953)	4108
$C_{15}H_{17}BrO_6$	α-Bromotutin	-	S	Group freq	Fletcher	JCS	- (1954)	1953
$C_{15}H_{17}BrO_6$	β-Bromotutin	-	S	Group freq	Fletcher	JCS	- (1954)	1953
$C_{15}H_{17}BrO_6$	Bromoisotutin	-	S	Group freq	Fletcher	JCS	- (1954)	1953
$C_{15}H_{17}BrO_6$	Bromo-neo-tutin	-	S	Group freq	Fletcher	JCS	- (1954)	1953
$C_{15}H_{17}ClN_2O \cdot 2HCl$	5-Chloro-7-(1'-piperidylmethyl)-8-quinolinol dihydrochloride	-	-	Struct	Edgerton	JACS	74 (1952)	5209
$C_{15}H_{17}ClO_5$	dl-d-7-Chloro-4,6-dimethoxy-2-(1-methyl-3-oxobutyl)coumaranone	-	-	Group freq, Spec	Mao Millan	JCS	- (1954)	429

$C_{15}H_{17}ClO_5$	dl-β-7-Chloro-4,6-dimethoxy-2-(1-methyl-3-oxobutyl)coumaranone	-	-	Group freq, Spec	Mac Millan	JCS	-	(1954)	429
$C_{15}H_{17}ClO_6$	δ-(7-Chloro-6-hydroxy-4-methoxy-3-oxo-coumaran-2-yl)hexanoic acid	-	Sol	Spec	Duncanson	JCS	-	(1957)	3555
$C_{15}H_{17}ClO_6$	7-Chloro-4-(or 6)-hydroxy-6-(or 4)-methoxycoumaran-3-one-2-(5'-hexanoic acid)	-	S	Group freq	Mulholland	JCS	-	(1952)	3994
$C_{15}H_{17}ClO_7$	Methyl 7-chloro-2-hydroxy-4,6-dimethoxy-coumaran-3-one-2-β-butyrate	700-1900	-	Group freq, Spec	Grove	JCS	-	(1952)	3967
$C_{15}H_{17}N$	N-Benzyl-N-ethyl-aniline	2900-3100	Sol	Freq	Hill	JCS	-	(1958)	760
$C_{15}H_{17}N$	Benzylphenethyl-amine	3.38-3.60 μ	S	Freq	Wright	JOC	24	(1959)	1362
$C_{15}H_{17}NO$	dl-erythro-1,2-Diphenyl-2-methyl-aminoethanol	600-3600	S,Sol	Spec	Kanzawa	BCSJ	29	(1956)	398
$C_{15}H_{17}NO \cdot HCl$	dl-erythro-1,2-Diphenyl-2-methyl-aminoethanol hydrochloride	600-3600	S	Spec	Kanzawa	BCSJ	29	(1956)	398
$C_{15}H_{17}NO$	dl-threo-1,2-Diphenyl-2-methylaminoethanol	600-3600	S,Sol	Spec	Kanzawa	BCSJ	29	(1956)	398

$C_{15}H_{17}NO$	N-p-Diphenylyl-2-methoxyethylamine	-	S,Sol	Group freq	Baxter	JCS	-	(1955)	669
$C_{15}H_{17}NO$	9-Ethyl-5,6,7,8-tetrahydro-8-hydroxyphenanthridine	-	S,L	Band freq	Rogers	JCS	-	(1955)	341
$C_{15}H_{17}NO$	1-Phenyl-2-methylamino-2-phenylethanol	2.5-4 μ	Sol	Spec	Kanzawa	BCSJ	29	(1956)	398
$C_{15}H_{17}NO_2$	Dihydro-apo-β-erythroidine	2-15 μ	Sol	Spec, Struct	Grundon	JACS	74	(1952)	2637
$C_{15}H_{17}NO_2$	allo-Dihydrodesmethoxy-β-erythroidine	-	-	Group freq, Ident	Boekelheide	JACS	75	(1953)	2558
$C_{15}H_{17}NO_2$	1,2-Dihydro-2-(p-methoxyphenyl)-3,1,4a-benzoxazine	-	Sol	Group freq	Witkop	JACS	76	(1954)	5589
$C_{15}H_{17}NO_2 \cdot HCl$	1,2-Dihydro-2-(p-methoxyphenyl)-3,1,4a-benzooxazine hydrochloride	-	S	Group freq	Witkop	JACS	76	(1954)	5589
$C_{15}H_{17}NO_2$	1-(2,6-Dioxocyclohexyl)-3-anilinopropylidene	-	S,L	Band freq	Rogers	JCS	-	(1955)	341
$C_{15}H_{17}NO_2$	N-(p-Methoxybenzyl)-p-anisidine	-	-	Group study, Electronic effects	Oki	BCSJ	32	(1959)	955
$C_{15}H_{17}NO_2$	1-Phenyl-4,5,6,7-tetrahydroisatin-3-methyl ether	900-4000	S	Struct	O'Sullivan	JCS	-	(1959)	876

$C_{15}H_{17}NO_2S$	Benzenesulphonyl-amphetamine	650-4000	-	Spec	Chatten	AC	31 (1959)	1581
$C_{15}H_{17}NO_3$	1-Benzyl-4,4-diethyl-2,3,5-pyrolidinetrione	-	-	Spec	Skinner	JACS	72 (1950)	5569
$C_{15}H_{17}NO_3$	t-Butyl-N-1-naphthyl percarbamate	-	-	Ident	Davies	JCS	- (1953)	1808
		5-15 μ	Sol	Spec, Band freq	Minkoff	PRS	224 (1954)	176
$C_{15}H_{17}NO_4$	N-Benzoylnorecgonine	-	S	Group freq	Findlay	JACS	75 (1953)	4624
		2-15 μ	S	Spec, Group freq	Findlay	JACS	76 (1954)	2855
$C_{15}H_{17}NO_4$	O-Benzoylnorecgonine	-	-	Group freq	Findlay	JACS	75 (1953)	4624
		2-15 μ	-	Spec, Group freq	Findlay	JACS	76 (1954)	2855
$C_{15}H_{17}NO_5$	1-Acetyl-3-ethoxy-methylene-5,6-dimethoxyoxindole	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{15}H_{17}NO_5$	Dihydroacronycidine (IX)	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{15}H_{17}NO_5$	Dihydroisoacrony-cidine (VII)	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{15}H_{17}NO_5$	1-Phenyl-4,4-dicarbe-thoxy-2-azetidinone	2-10 μ	Sol	Spec	Sheehan	JACS	72 (1950)	5158
$C_{15}H_{17}NS$	3-Diphenylamino-propanethiol	-	L,Sol	Band freq	Plant	JACS	77 (1954)	1572
$C_{15}H_{17}N_3$	4-Ethylmethylamino-azobenzene	600-1700	S	Spec, Freq	Le Fevre	AJC	10 (1957)	26
$C_{15}H_{17}N_3O$	4-(N-Methyl-N-β-hydroxyethylamino) azobenzene	600-1700	S	Spec, Freq	Le Fevre	AJC	10 (1957)	26

$C_{15}H_{17}O_3P$	Di-p-tolyl methane-phosphonate	940	Sol	Band freq	Whiffen	TFS	41 (1945)	200
$C_{15}H_{18}$	1-n-Amylnaphthalene	15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
$C_{15}H_{18}$	Chamazulene	-	-	Review	Gordon	CR	50 (1952)	127
		-	-	Freq	Mangoni	GCI	90 (1960)	947
$C_{15}H_{18}$	1,4-Dimethyl-6-isopropylazulene	-	-	Review	Gordon	CR	50 (1952)	127
$C_{15}H_{18}$	4,8-Dimethyl-6-isopropylazulene	-	-	Review	Gordon	CR	50 (1952)	127
$C_{15}H_{18}$	Guaiazulene	-	-	Freq	Mangoni	GCI	90 (1960)	947
$C_{15}H_{18}$	Guaiazulene (reduced by S)	-	-	Review	Gordon	CR	50 (1952)	127
$C_{15}H_{18}$	Guaiazulene (reduced by Se)	-	-	Review	Gordon	CR	50 (1952)	127
$C_{15}H_{18}$	1,2,3,4,5-Pentamethyl-naphthalene	2-16 μ	S,Sol	Spec	Mosby	JACS	74 (1952)	2564
$C_{15}H_{18}Br_2O_4$	Dibromodihydro-helenalin	-	-	Struct	Adams	JACS	71 (1949)	2554
$C_{15}H_{18}ClN\cdot HCl$	N-Ethyl-N-(β-chloroethyl)-β-naphthylmethylamine hydrochloride	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{15}H_{18}ClNO_5$	Diethyl chloro-acetanilidomalonate	2-10 μ	Sol	Spec	Sheehan	JACS	72 (1950)	5158
$C_{15}H_{18}N_2$	N-(m-Dimethylamino-benzyl)aniline	3370-3470	Sol	Group study	Oki	BCSJ	33 (1960)	784

$C_{15}H_{18}N_2$	N-(p-Dimethylamino-benzyl)aniline	3370-3470	Sol	Group study	Oki	BCSJ	33	(1960)	784
$C_{15}H_{18}N_2O_2$	5,5-Dimethyl-3-iso-propylidene-2-p-nitrophenyl-pyrroline	6.37 μ	Sol	Substitution effect	Meyers	JOC	24	(1959)	1233
$C_{15}H_{18}N_2O_2$	5-Methyl-7-(4-morpholinylmethyl)-8-quinolinol	-	-	Struct	Edgerton	JACS	74	(1952)	5209
$C_{15}H_{18}N_2O_2$	2-Methylquinol di(-2'-cyano-2'-propyl) ether	-	-	Group freq, Struct	Aparicio	JCS	-	(1952)	4666
$C_{15}H_{18}N_2O_6$	2,6-Diacetoxy-5-diaoetylamino-3,4-dimethylpyridine	877-1767	S	Band freq	Ames	JCS	-	(1953)	3008
$C_{15}H_{18}N_4O_8$	3-Ketoquinolizidine picrate	650-3800	S	Spec	Leonard	JACS	72	(1950)	4931
$C_{15}H_{18}O$	2,3,12,13,14,15-Hexa-hydrodibenzosuber-5-one	-	-	Group freq	Ginsburg	JCS	-	(1954)	2361
$C_{15}H_{18}O$	3-(2'-Hydroxyisopropyl-8,8-dimethylbenzo-fulvene	660-4000	Sol	Spec	Wood	AC	30	(1958)	1339
$C_{15}H_{18}O$	1-Keto-12-methyl-1,2,3,4,9,10,11,12-octahydrophen-anthrene	-	-	Band freq	Stork	JACS	73	(1951)	3544
$C_{15}H_{18}O$	2-Methyl-1-phenyl acetylcyclohexane	-	-	Group freq	Parham	JACS	77	(1955)	1166

$C_{15}H_{18}O$	cis-6,6a,7,8,9,10,11,11a-Octahydro-5-keto-5H-cyclohepta[a]naphthalene	2-12 μ	-	Spec	Gutsche	JACS	73 (1951) 786
$C_{15}H_{18}O$	trans-6,6a,7,8,9,10,11,11a-Octahydro-5-keto-5H-cyclohepta[a]naphthalene	2-12 μ	-	Spec	Gutsche	JACS	73 (1951) 786
$C_{15}H_{18}O$	cis-6,7,7a,8,9,10,11,11a-Octahydro-5-keto-5H-dibenzo[a,c]cycloheptatriene	2-12 μ	-	Spec	Gutsche	JACS	73 (1951) 786
$C_{15}H_{18}O$	trans-6,7,7a,8,9,10,11,11a-Octahydro-5-keto-5H-dibenzo [a,c]cycloheptatriene	2-12 μ	-	Spec	Gutsche	JACS	73 (1951) 786
$C_{15}H_{18}O$	2-β-Phenethyl-3-methyl-Δ^2-cyclohexenone	-	-	Freq	Stork	JACS	73 (1951) 3544
$C_{15}H_{18}O$	Styryl cyclohexyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
$C_{15}H_{18}O_2$	α-(1,4-Dimethyl-7-hydroxy-5,6,7,8-tetrahydro-6-naphthyl) propionic acid lactone	-	-	Group freq, Struct	Daubin	JACS	77 (1955) 4609
$C_{15}H_{18}O_2$	dl-Pentadeca-trans-8,10,12-triene-4,6-diyne-1,4-diol	-	S	Band freq, I	Hill	JCS	- (1955) 1770
$C_{15}H_{18}O_2$	2-Phenylcyclohept-2-	-	-	Ident	Ginsburg	JACS	76 (1954) 3628

$C_{15}H_{18}O_3$	2-Benzoylcyclohexylacetic acid	-	-	Group freq	Ginsburg	JCS	-	(1954)	2361
$C_{15}H_{18}O_3$	d-β-Desmotropo-ψ-santonin	-	-	Group freq, Struct	Daubin	JACS	77	(1955)	4609
$C_{15}H_{18}O_3$	1-Keto-Δ^{2},4(10) santadien-12,7-olide	-	-	Group freq, Struct	Daubin	JACS	77	(1955)	4609
$C_{15}H_{18}O_3$	Methyl α-(2-hydroxy-1,2,3,4-tetrahydro-2-naphthyl)vinyl acetate	-	S	Band freq	Dreiding	JACS	75	(1953)	3717
$C_{15}H_{18}O_3$	Parasantoxide	2-12 μ	Sol	Struct	Woodward	JACS	72	(1950)	1009
$C_{15}H_{18}O_3$	Santonin	835-3020	L	Group freq, I	Gunstone	JCS	-	(1955)	1130
		2-15 μ	S,Sol	Struct	Kanzawa	JACS	80	(1958)	3705
$C_{15}H_{18}O_4$	3-Carbomethoxy-4-methyl-ar-2-tetralol acetate	3.29-11.70 μ	Sol	Freq, I	Dreiding	JOC	19	(1954)	241
$C_{15}H_{18}O_4$	Helenalin	700-3600	S	Spec, Struct	Adams	JACS	71	(1949)	2546
$C_{15}H_{18}O_5$	Ethyl 4,5,6-trimethoxy-indene-2-carboxylate	-	Sol	Group freq	Koo	JACS	75	(1953)	1889
$C_{15}H_{18}O_5$	Helenalin oxide	-	-	Struct	Adams	JACS	71	(1949)	2551
$C_{15}H_{18}O_6$	Tutin	-	S	Group freq	Fletcher	JCS	-	(1954)	1953
$C_{15}H_{18}O_6$	β-Tutin	-	S	Group freq	Fletcher	JCS	-	(1954)	1953
$C_{15}H_{18}O_6$	neo-Tutin	-	S	Group freq	Fletcher	JCS	-	(1954)	1953
$C_{15}H_{18}O_7$	Picrotin	-	S,Sol	Group freq, Struct	Benstead	JCS	-	(1952)	1042
		2-16 μ	S	Spec, Struct	Conroy	JACS	74	(1952)	491

$C_{15}H_{18}O_7$	Picrotoxic acid	-	S,Sol	Group freq, Struct	Benstead	JCS	- (1952) 1042
$C_{15}H_{18}O_7$	α-Picrotoxinic acid	-	-	Band freq, Struct	Conroy	JACS	73 (1951) 1889
		-	S,Sol	Group freq, Struct	Benstead	JCS	- (1952) 1042
		2-16 μ	S	Spec, Struct	Conroy	JACS	74 (1952) 491
$C_{15}H_{18}Si$	Methylphenyl-β-phenylethylsilane	2-16 μ	Sol	Group freq	Kniseley	SA	15 (1959) 651
$C_{15}H_{18}Si$	Trimethyl-m-xenyl-silane	20-160 μ	Sol	Spec, Iso, Ident	Clark	JACS	73 (1951) 3798
$C_{15}H_{18}Si$	Trimethyl-o-xenyl-silane	20-160 μ	Sol	Spec, Iso	Clark	JACS	73 (1951) 3798
$C_{15}H_{18}Si$	Trimethyl-p-xenyl-silane	20-160 μ	Sol	Spec, Iso	Clark	JACS	73 (1951) 3798
$C_{15}H_{19}BrO_3$	2-Bromo derivative of 1,2-dihydro-santonin	2-15 μ	S,Sol	Struct	Kanzawa	JACS	80 (1958) 3705
$C_{15}H_{19}BrO_4$	Bromodehydrotetra-hydrohelenalin	-	-	Struct	Adams	JACS	71 (1949) 2554
$C_{15}H_{19}Cl$	9-Chloromethyl-sym-octahydroanthracene	-	Sol	Band freq	Scheer	JACS	77 (1955) 3300
$C_{15}H_{19}Cl$	9-Chloromethyl-sym-octahydrophen-anthrene	-	Sol	Band freq	Scheer	JACS	77 (1955) 3300
$C_{15}H_{19}N$	Desoxy-apo-β-erythroidinol	-	-	Group freq, Struct	Grundon	JACS	75 (1953) 2541
$C_{15}H_{19}N$	5,5-Dimethyl-3-isopropylidene-2-phenylpyrroline	6.4 μ	Sol	Substitution effect	Meyers	JOC	24 (1959) 1233

$C_{15}H_{19}NO$	Benzo[j]-7-keto-1-azabicyclo[6.4.0] dodecane	-	Sol	Group freq	Leonard	JACS	76 (1954)	3193
$C_{15}H_{19}NO$	1-Cyclohexyl-2-benzoylethylene-imine	2-16 μ 700-4000	S,Sol Sol	Spec, Group freq Spec, Freq	Cromwell Adelfang	JACS JACS	73 (1951) 82 (1960)	1044 4241
$C_{15}H_{19}NO$	1,4-Dimethyl-3-butyl-carbostyril	2-16 μ	Sol	Spec, Band freq	Cook	JOC	22 (1957)	211
$C_{15}H_{19}NO$	6-Methoxy-10-methyl-1,4,4a,9,10,10a-hexahydrophen-anthridine	2-15 μ	Sol,S	Band freq	Wildman	JACS	76 (1954)	152
$C_{15}H_{19}NO_4$	6-(4'-Carbethoxy) butyl-2-hydroxy-5-oxo-6,7-dihydro-1,5H-pyrindine	-	Sol	Band freq, I	Ramirez	JACS	77 (1955)	1035
$C_{15}H_{19}NO_4$	Ethyl 2-methyl-6-(2'-oxocyclohexyloxy) nicotinate	2-16 μ	Sol	Spec, Struct	Ramirez	JOC	19 (1954)	183
$C_{15}H_{19}NO_4$	1-Methyl-6-(4'-carbomethoxy) butyl-2,5-dioxo-1,2,6,7-tetrahydro-1,5H-pyrindine	-	Sol	Band freq, I	Ramirez	JACS	77 (1955)	1035
$C_{15}H_{19}NO_5$	2-Ethoxycarbonyl-amino-4,6-dimethoxy-3,7-dimethylcoumarone	-	-	Struct, Group freq	Dean	JCS	- (1955)	2166
$C_{15}H_{19}NO_5$	3-Ethyl-4-hydroxy-1-methyl-5,7,8-trimethoxy-2-quinolone	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589

$C_{15}H_{19}NO_6$	N-Carbethoxycotarnine	-	-	Struct	Whaley	JOC	19 (1954)	666
$C_{15}H_{19}NO_6$	O^3,O^4,N-Triacetyl-l-epinephrine	2-12 μ	S,Sol	Spec	Welsh	JACS	74 (1952)	4967
$C_{15}H_{19}N_3O$	N-Benzyl-O,N-di(2-cyano-2-propyl) hydroxylamine	-	-	Band freq, Group freq	Gingras	JCS	- (1954)	3508
$C_{15}H_{19}N_3O$	N,O-Di(2-cyano-2-propyl)-N,m-tolyl-hydroxylamine	-	-	Group freq, I	Gingras	JCS	- (1954)	1920
$C_{15}H_{19}N_3O$	N,O-Di(2-cyano-2-propyl)-N,o-tolyl-hydroxylamine	-	-	Group freq, I	Gingras	JCS	- (1954)	1920
$C_{15}H_{19}N_3O$	N,O-Di(2-cyano-2-propyl)-N-p-tolyl-hydroxylamine	-	-	Group freq, I	Gingras	JCS	- (1954)	1920
$C_{15}H_{20}$	Chamazulenogen	-	-	Review	Gordon	CR	50 (1952)	127
$C_{15}H_{20}$	9-Methyl-sym-octa-hydroanthracene	-	Sol	Band freq	Scheer	JACS	77 (1955)	330
$C_{15}H_{20}$	9-Methyl-sym-octa-hydrophenanthrene	-	L,Sol	Band freq	Scheer	JACS	77 (1955)	3300
		2-15 μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{15}H_{20}ClN_3$	7-Chloro-4-diethyl-aminoethylamino-quinoline	2.5-3.5 μ	Sol	H bond, Spec	Nachod	JACS	81 (1959)	2897
$C_{15}H_{20}N_2O$	Anagyrine, Monolupine, Rhambinine	700-1800	-	Spec	Marion	JACS	70 (1948)	3076
		-	Sol	Group freq	Marion	JACS	73 (1951)	305
		-	-	Band freq, Group freq	Thygarajan	CR	54 (1954)	1019
$C_{15}H_{20}N_2O$	2,6-Dicyanoethyl-isophorone	5.5-8 μ	Sol	Group freq	Bruson	JACS	75 (1953)	3585

$C_{15}H_{20}N_2O_2$	isopherone	3.5-8 μ	Sol	Group freq	Bruson	JACS	75 (1953) 3585
$C_{15}H_{20}N_2O\cdot HBr$	5-Methyl-7-diethylaminomethyl-8-quinolinol hydrobromide	-	-	Struct	Edgerton	JACS	74 (1952) 5209
$C_{15}H_{20}N_2O$	Thermopsine	-	Sol	Group freq	Marion	JACS	73 (1951) 305
		700-1700	Sol	Spec, Ident	Marion	JACS	73 (1951) 1769
		-	-	Band freq, Group freq	Thyagarajan	CR	54 (1954) 1019
$C_{15}H_{20}N_2O_2\cdot 2HCl$	5-Methyl-7-(ethyl-β-hydroxyethylaminomethyl)-8-quinolinol dihydrochloride	-	-	Struct	Edgerton	JACS	74 (1952) 5209
$C_{15}H_{20}N_2O_3$	Apospermostrychnine	-	-	Group freq	Anet	JCS	- (1955) 2253
$C_{15}H_{20}N_2O_3S$	5,5-Dimethyl-2-phenacetylaminomethylthiazolidine-4-carboxylic acid	-	-	Spec	Davis	JOC	13 (1948) 682
$C_{15}H_{20}N_4O_4$	2-Methyl-5-isopropylcyclopentanone-2,4-dinitrophenylhydrazone	2-15 μ	S	Spec, Ident	Meinwald	JACS	76 (1954) 4571
$C_{15}H_{20}N_4O_5$	syn-6,6-Dimethyl-2-methoxycyclohexanone-2,4-dinitrophenylhydrazone	2-16 μ	Sol	Spec, Group freq	Ramirez	JACS	76 (1954) 1037
$C_{15}H_{20}N_4O_6$	Geronic acid-2,4-dinitrophenylhydrazone	-	S	Ident	Meinvald	JACS	77 (1955) 1617
$C_{15}H_{20}N_4O_7$	3-Methyloctahydropyrrocoline picrate	650-3800	Sol	Spec	Leonard	JACS	72 (1950) 4931

$C_{15}H_{20}N_4O_8$	1,2-Dimethyl-1-aza-cyclooctan-3-one picrate	-	-	Band freq	Leonard	JACS	74 (1952) 1704
$C_{15}H_{20}N_4O_8$	dl-1,2-Dimethyl-2-ethyl-3-piperidone picrate	-	-	Freq	Leonard	JACS	75 (1953) 1674
$C_{15}H_{20}O$	Desazadesoxytetra-hydro-β-erythro-idinol	-	-	Group freq	Weinstock	JACS	75 (1953) 2546
$C_{15}H_{20}O$	o-{1-β-Ethanol-2-methyl -1,3-butadienyl} ethylbenzene	-	-	Freq	Boekelheide	JACS	74 (1952) 1066
$C_{15}H_{20}O$	9-Hydroxymethyl-sym-octahydrophenanthrene	-	Sol	Band freq	Scheer	JACS	77 (1955) 3300
$C_{15}H_{20}O_2$	Aristolactone	-	S,Sol	Band freq, Struct	Stenlake	JCS	- (1955) 2114
$C_{15}H_{20}O_2$	Desazatetrahydro-α-erythroidinol	-	-	Band freq	Godfrey	JACS	77 (1955) 3342
$C_{15}H_{20}O_2$	Isoaristolactone	-	Sol	Group freq, I	Stenlake	JCS	- (1955) 2114
$C_{15}H_{20}O_2$	β-Isopropyl-γ(-3-methylbut-2-enyl) tropolone	-	Sol	Group freq	Bryant	JOC	19 (1954) 1889
$C_{15}H_{20}O_3$	Anhydrodihydro-ψ-santonin	-	S	Group freq	Chopra	JCS	- (1955) 588
$C_{15}H_{20}O_3$	Deoxysantoninic acid	2-15	S,Sol	Struct	Kanzawa	JACS	80 (1958) 3705
$C_{15}H_{20}O_3$	1,2-Dihydrosantonin	2-15	S,Sol	Struct	Kanzawa	JACS	80 (1958) 3705

$C_{15}H_{20}O_3$	1-Ketosanten-12,7-olide	-	Sol	Group freq	Dauben	JACS	77 (1955)	606
$C_{15}H_{20}O_3$	Methyl α-(2-hydroxy-1,2,3,4-tetrahydro-2-naphthyl)butyrate	-	S	Band freq	Dreiding	JACS	75 (1953)	3717
$C_{15}H_{20}O_3$	2-[2-(2-Methyl-3-oxo-1-cyclohexenyl) ethyl]-1,3-cyclo-hexanedione	-	Sol	Spec	Ananchenko	IANS	- (1960)	1644
$C_{15}H_{20}O_3$	2-Methyl-2-[2-(3-oxo-1-cyclohexenyl) ethyl]-1,3-cyclo-hexanedione	1550-1750	Sol	Spec	Ananchenko	IANS	- (1960)	1644
$C_{15}H_{20}O_4$	Dehydrotetrahydro-helenalin	-	-	Struct	Adams	JACS	71 (1949)	2554
$C_{15}H_{20}O_4$	Diethy ethylphenyl-malonate	2-15 μ	L	Freq, Spec	Abramovitch	CJC	36 (1958)	151
		1700-1800	L,Sol	Group freq, Iso	Abramovitch	CJC	37 (1959)	1146
$C_{15}H_{20}O_4$	Dihydrohelenalin	-	-	Struct	Adams	JACS	71 (1949)	2554
$C_{15}H_{20}O_4$	ψ-Santonic acid	-	-	Band freq	Cocker	JCS	- (1949)	1170
		-	-	Ident, Struct	Daubin	JACS	77 (1955)	4609
$C_{15}H_{20}O_4$	ψ-Santonin	-	Sol,S	Group freq, Struct	Chopra	JCS	- (1955)	588
		-	-	Ident	Dauben	JACS	77 (1955)	2451
$C_{15}H_{20}O_4$	Pseudosantonin	1600-1800	Sol,S	Spec, Group freq, Struct	Dauben	JACS	75 (1953)	3352
$C_{15}H_{20}O_8$	Anisatin	2-16 μ	S	Group freq, Spec	Lane	JACS	74 (1952)	3211
$C_{15}H_{20}O_8$	Anisatinic acid	2-16 μ	S	Spec, Freq	Lane	JACS	74 (1952)	3211

$C_{15}H_{21}BrO_4$	1-Keto-7-hydroxy-10-bromosanten-12,5-olide	-	-	Group freq	Dauben	JACS	77 (1955) 2451
$C_{15}H_{21}ClN_4O_4S_2$	4a-Chloro-1,4,4a,8a-tetrahydro-1,4-methanonaphthalene-5,8-bis-(dimethylaminosulfonimide	-	S	Group freq	Adams	JACS	75 (1953) 667
$C_{15}H_{21}NO$	1-Methyl-3-(3-hydroxypropyl)-4-phenyl-1,2,5,6-tetrahydropyridine	-	-	Group freq	Mc Elvain	JACS	76 (1954) 5625
$C_{15}H_{21}NO \cdot HCl$	1-Methyl-3-(3-hydroxypropyl)-4-phenyl-1,2,5,6-tetrahydropyridine hydrochloride	-	S	Group freq	Mc Elvain	JACS	76 (1954) 5625
$C_{15}H_{21}NO_2$	γ-Hydroxy-γ-phenylbutyropiperidine	1500-3500	S	Assign, Spec	Cromwell	JACS	80 (1958) 4573
$C_{15}H_{21}NO_2$	2-Propyl-3-benzoyl-4-ethyloxazolidine	-	L	Group freq	Nace	JACS	75 (1953) 3646
$C_{15}H_{21}NO_2 \cdot HCl$	Ethyl 1-methyl-4-phenylpiperidine-4-carboxylate hydrochloride	650-5000	S	Spec	Manning	APS	10 (1956) 85
$C_{15}H_{21}NO_2S$	β-Benzylsulfonyl-α-n-amylpropionitrile	-	-	Spec	Ross	JACS	73 (1951) 540
$C_{15}H_{21}NO_3$	Desethyllycoramine	2-15 μ	S	Substitution effect	Wildman	JACS	76 (1954) 152
$C_{15}H_{21}NS$	β-Benzylmercapto-α-n-amylpropioni-	-	-	Spec	Ross	JACS	73 (1951) 540

$C_{15}H_{21}N_3O_2$	Physostigmine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
$C_{15}H_{21}N_5O_8$	Di-n-butyl iso-nitramine	600-1600	L,S, Sol	Freq	George	CJC	37 (1959)	679
$C_{15}H_{22}$	Benzylcyclooctane	-	-	Ident	Cope	JACS	75 (1953)	3208
$C_{15}H_{22}BrNO_3$	2-Bromo-3-methyl-4-nitro-4,6-di-t-butyl-2,5-cyclo-hexadien-1-one	3.36-6.95μ	Sol	Group freq, I	Albert	JACS	76 (1954)	4979
$C_{15}H_{22}ClNO_3$	2-Chloro-3-methyl-4-nitro-4,6-di-t-butyl-2,5-cyclohexadien-1-one	3.40-6.95μ	Sol	Group freq, I	Albert	JACS	76 (1954)	4979
$C_{15}H_{22}Cl_2O$	2,4-Dichloro-3-methyl-4,6-di-t-butyl-2,5-cyclohexadien-1-one	3.4-6.85μ	Sol	I	Forman	JACS	76 (1954)	4977
$C_{15}H_{22}N_2$	1-$\Delta^{5,11}$-Di dehydro-sparteine	-	S,Sol	Band freq	Leonard	JACS	77 (1955)	1552
$C_{15}H_{22}N_2 \cdot 2HClO_4$	1-$\Delta^{5,11}$-Didehydro-sparteine diper-chlorate	-	S	Band study	Leonard	JACS	77 (1955)	1552
$C_{15}H_{22}N_2 \cdot 2HClO_4$	$\Delta^{1(6),11(16)}$-Didehydro-sparteinium diper-chlorate	-	S	Band study	Leonard	JACS	77 (1955)	1552
$C_{15}H_{22}N_2O_5$	2,4-Dinitro-3-methyl-4,6-di-t-butyl-2,5-cyclohexadien-1-one	3.38-6.47μ	Sol	Group freq, I	Albert	JACS	76 (1954)	4979
$C_{15}H_{22}N_4O_4$	Diisobutyl ketone-2,4-dinitrophenyl-hydrazone	6-15μ	S	Spec	Ross	AC	25 (1953)	1288

$C_{15}H_{22}N_4O_4$	2-Nonanone-2,4-dinitrophenyl hydrazone	2-15 μ	S	Spec, Ident	Jones	AC	28 (1956) 191
$C_{15}H_{22}O$	1-(Cyclohexylidene-acetyl)-2-methyl-cyclohexene	2-16 μ	Sol	Spec	Turner	JACS	72 (1950) 4166
$C_{15}H_{22}O$	α-Cyperone	11.28 μ	-	Band freq, Ext coefficient	Cardwell	JCS	- (1955) 525
$C_{15}H_{22}O$	β-Cyperone	11.28 μ	-	Band freq, Ext coefficient	Cardwell	JCS	- (1955) 525
$C_{15}H_{22}O$	d-α-Cyperone	800-3400	L	Spec, Freq, Ident	Howe	JCS	- (1955) 2423
$C_{15}H_{22}O$	d-6-epi-α-Cyperone	800-3400	L	Spec, Freq	Howe	JCS	- (1955) 2423
$C_{15}H_{22}O$	Desazadesoxyhexahydro-β-erythroidinol	-	-	Group study	Weinstock	JACS	75 (1953) 2546
$C_{15}H_{22}O$	2,3,4,5,7,8,9,10,11,4a,11a,11b-Dodecahydro-5-oxo-1H-cyclohepta[a]naphthalene	-	Sol	Group freq	Rosenfelder	JCS	- (1954) 2955
$C_{15}H_{22}O$	2,3,4,6,7,8,9,10,11,6a,11a,11b-Dodecahydro-6-oxo-1H-cyclohepta[a]naphthalene	-	Sol	Group freq	Rosenfelder	JACS	76 (1954) 2955
$C_{15}H_{22}O$	Ethynyl-β-ionol	-	-	Group freq	Oroshnik	JACS	76 (1954) 2325
$C_{15}H_{22}O$	Hexyl p-xylyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
$C_{15}H_{22}O$	Octyl phenyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954) 2526
$C_{15}H_{22}O_2$	1-Cyclohexylidene-2-(5'-methoxy-2'-oxo-cyclohexylidene-1')ethane	-	-	Group study	Milas	JACS	77 (1955) 4180

$C_{15}H_{22}O_2$	Desazahexahydro-α-erythroidinol	-	-	Band freq, Struct	Godfrey	JACS	77	(1955)	3342
$C_{15}H_{22}O_2$	Dihydroaristo lactone	-	Sol	Group freq	Stenlake	JCS	-	(1955)	2114
$C_{15}H_{22}O_2$	2-Methyl-2-(2-cyclohexylideneethyl)-1,3-cyclohexanedione	1550-1750	Sol	Spec	Ananchenko	IANS	-	(1960)	1644
$C_{15}H_{22}O_2$	4,4,8-Trimethyltricyclo[6.3.1.01:5]dodecane-2,9-dione	-	Sol	Group freq	Aebi	JCS	-	(1953)	3124
$C_{15}H_{22}O_3$	1,2,4,5-Tetrahydrosantonin	2-15μ	S,Sol	Struct	Kanzawa	JACS	80	(1958)	3705
$C_{15}H_{22}O_4$	Adhumulinic acid	2.5-15μ	Sol	Struct	Rigby	JACS	77	(1955)	2828
$C_{15}H_{22}O_4$	Dihydropseudosantonin	1600-1800	S	Spec, Struct, Group freq	Dauben	JACS	75	(1953)	3352
$C_{15}H_{22}O_4$	Humulinic acid	- 2.5-15μ	S Sol	Group freq, Struct Struct	Harris Rigby	JCS JACS	- 77	(1952) (1955)	1906 2828
$C_{15}H_{22}O_4$	Iresin	2-16μ	Sol	Spec, Group freq	Djerassi	JACS	76	(1954)	2966
$C_{15}H_{22}O_4$	Isohumulinic acid	-	S	Group freq, Struct	Harris	JCS	-	(1952)	1906
$C_{15}H_{22}O_4$	2-(β-Phenyl-α,β-dihydroxyethyl)-4,4,5,5-tetramethyl-1,3-dioxolane	-	-	Band freq	Smith	JOC	16	(1951)	972
$C_{15}H_{22}O_4$	Tetrahydrohelenalin	700-3600	-	Spec, Struct	Adams	JACS	71	(1949)	2546
$C_{15}H_{22}O_4$	4,4,6,6-Tetramethyl 2-isovalerylcyclohexane-1,3,5-dione	1500-2700	L,Sol	H bond, Assign	Chan	JCS	-	(1956)	3495

$C_{15}H_{22}O_5$	Ethyl 2-methyl-3-hydroxy-4-(3,5-dimethoxyphenyl) butyrate	-	-	Group study, Anal	Adams	JACS	71 (1949) 1624
$C_{15}H_{22}O_5$	5-Methyl-1β,6β-epoxy-perhydro-(4aα,8aα)-naphthalene-4β,6-diol diacetate	-	-	Band freq	Beyler	JACS	74 (1952) 1406
$C_{15}H_{22}O_5$	5-Methyl-4β,6β-epoxy-perhydro-(4aα,8aα)-naphthalene-1β,6-diol diacetate	-	-	Band freq	Beyler	JACS	74 (1952) 1406
$C_{15}H_{22}O_5$	5-Methylperhydro-(4aα,8aα)naphthalene-1β,4β-diol-6-one diacetate	-	-	Band freq	Beyler	JACS	74 (1952) 1406
$C_{15}H_{22}O_5$	5-Methylperhydro-(4aβ,8aβ)naphthalene-1α,4α-diol-6-one-diacetate	-	-	Band freq	Beyler	JACS	74 (1952) 1406
$C_{15}H_{22}O_5$	Tetrahydrohelenalin oxide	-	-	Struct	Adams	JACS	71 (1949) 2551
$C_{15}H_{22}O_{10}$	D-Mannopyranose-1,2-(methyl orthoacetate)-triacetate	2-15μ	S	Spec	Tipson	JRNB	62 (1959) 257
$C_{15}H_{22}O_{10}$	3-Methyl-D-glucose-tetraacetate	8-15μ	S	Spec	Kuhn	AC	22 (1950) 276
$C_{15}H_{22}O_{10}$	Methyl tetraacetyl-α-D-galactoside	2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953) 1463
		-	S	Band freq	Barker	JCS	- (1954) 3468

$C_{15}H_{22}O_{10}$	Methyl tetraacetyl-β-D-galactoside	8-15μ	S	Spec	Kuhn	AC	22	(1950)	276
		2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25	(1953)	1463
		-	S	Band freq	Barker	JCS	-	(1954)	3468
$C_{15}H_{22}O_{10}$	Methyl tetraacetyl-α-D-glucoside	8-15μ	S	Spec	Kuhn	AC	22	(1950)	276
		-	Sol	Anal, Band freq, I	Whistler	AC	25	(1953)	1463
$C_{15}H_{22}O_{10}$	Methyl tetraacetyl-β-D-glucoside	8-15μ	S	Spec	Kuhn	AC	22	(1950)	276
		-	Sol	Anal, Band freq, I	Whistler	AC	25	(1953)	1463
		800-3000	S	Freq	Barker	N	186	(1960)	307
$C_{15}H_{22}O_{10}$	Methyl 2,3,5,6-tetra-O-acetyl-α-D-manno-furanoside	-	S	Band freq, I	Barker	JCS	-	(1954)	4550
		700-1000	S	Group freq, Band freq, I	Barker	JCS	-	(1954)	3468
$C_{15}H_{22}O_{10}$	Methyl tetracetyl-α-D-mannoside	2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25	(1953)	1463
		-	S	Band freq, I	Barker	JCS	-	(1954)	3468
$C_{15}H_{22}O_{10}$	Methyl tetraacetyl-β-D-mannoside	2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25	(1953)	1463
		-	S	Band freq, I	Barker	JCS	-	(1954)	3468
$C_{15}H_{22}O_{10}$	D-Talopyranose-1,2 (methyl orthoacetate) triacetate	2-15μ	S	Spec	Tipson	JRNB	62	(1959)	257
$C_{15}H_{22}O_{10}$	1,2,3,4-Tetra-O-acetyl-6-O-methyl-α-D-glucopyranose	-	S	Band freq, I	Barker	JCS	-	(1954)	3468
$C_{15}H_{22}O_{10}$	Triacetyl-β-D-talose-1,2-(methyl orthoacetate)	2-15μ	S	Spec, Config	Isbell	JRNB	57	(1956)	179
$C_{15}H_{23}BrN_2O_9S$	S-(Tetracetyl-β-D-galactopyranosyl) thiuronium bromide	8-15μ	S	Spec	Bonner	JACS	73	(1951)	2241

$C_{15}H_{23}BrO$	2-Bromo-3-methyl-4,6-di-t-butylphenol	2.83-7.21 μ	Sol	Table, I	Forman	JACS 76 (1954) 4977
$C_{15}H_{23}ClN_2O_3$	5-Chloro-3,6-bis-butylamino-2-methoxy-p-benzoquinone	2200-800	Sol	Band freq	Buckley	JCS - (1957) 4891
$C_{15}H_{23}ClO$	2-Chloro-3-methyl-4,6-di-t-butylphenol	2.8-7.2 μ	L	Table, I	Forman	JACS 76 (1954) 4977
$C_{15}H_{23}Cl_3OSi$	Trichlorosilylnonyl phenyl ether	-	-	Inductive effect	Josien	CPR 249 (1959) 826
$C_{15}H_{23}IN_2O_2$	3-(β-Dimethylamino-ethyl)-5,6-dimethoxy-indole methiodide	-	S	Freq	Walker	JACS 77 (1955) 3844
$C_{15}H_{23}NO$	Benzo[c]-7-hydroxy-azocyclododecane	-	-	Group study	Leonard	JACS 76 (1954) 3193
$C_{15}H_{23}NO$	Benzo[c]-1-methyl-7-hydroxyazacyclo-hendecane	-	Sol	Group freq, Band freq	Leonard	JACS 76 (1954) 3193
$C_{15}H_{23}NO$	α-Cyperone oxime	11.28 μ	-	Band freq, Ext coefficient	Cardwell	JCS - (1955) 525
$C_{15}H_{23}NO$	β-Cyperone oxime	11.28 μ	-	Band freq, Ext coefficient	Cardwell	JCS - (1955) 525
$C_{15}H_{23}NO$	2-Piperidinothymol	-	S	Group freq	Eastman	JACS 76 (1954) 4118
$C_{15}H_{23}NO_2$	Octahydro-apo-β-erythroidine	2-15 μ	S	Spec, Group freq	Grundon	JACS 74 (1952) 2637
$C_{15}H_{23}NO_2$	Tetrahydrodesmethoxy-	-	-	Group freq	Boekelheide	JACS 75 (1953) 2558

$C_{15}H_{23}NO_2$	Tetrahydrodesmethoxy-	-	-	Group freq	Boekelheide	JACS	75	(1953)	2558
$C_{15}H_{23}NO_3$	2-Nitro-3-methyl-4,6-di-t-butylphenol	2.99-6.96 μ	Sol	Group freq, I	Albert	JACS	76	(1954)	4979
$C_{15}H_{23}NO_4$	Actidione	2-15 μ	Sol	Spec, Struct, Anal	Kornfeld	JACS	71	(1949)	150
$C_{15}H_{23}NO_5$	1-Cyclohexyl-4,4-dicarbethoxy-2-azetidinone	2-15 μ	Sol	Spec	Sheehan	JACS	73	(1951)	1761
$C_{15}H_{23}NO_9$	Methyl 3-acetamido-2,4,5-tri-O-acetyl-3-deoxy-β-D-glucopyranoside	-	S	Band freq, I	Barker	JCS	-	(1954)	3468
$C_{15}H_{23}N_3O_5$	2-Amino-4-hydroxy-5-(2'-tetrahydropyranoxy)-6-(2'-tetrahydropyranoxymethyl) pyrimidine	650-3600	S	Group study, Struct	Tanner	SA	8	(1956)	9
$C_{15}H_{23}N_3O_{12}S$	S-(Tetraacetyl-β-D-glucopyranosyl) thiuronium nitrate	8-15 μ	S	Spec	Bonner	JACS	73	(1951)	2241
$C_{15}H_{24}$	Aromadendrene	-	-	Band freq	Birch	JCS	-	(1953)	715
$C_{15}H_{24}$	Caryophyllene	-	Sol	Group freq	Aebi	JCS	-	(1953)	3124
$C_{15}H_{24}$	Clovene	-	-	Ident	Lutz	JCS	-	(1954)	2265
$C_{15}H_{24}$	Pseudoclovene	-	-	Ident	Lutz	JCS	-	(1954)	2265
$C_{15}H_{24}$	Cyperene-II	800-3600	L	Spec, Struct, Freq	Narasimhan	PIAS	43	(1956)	156
$C_{15}H_{24}$	1,3-Di-t-butyl-5-methylbenzene	-	Sol	Spec, Assign, Freq	Mc Caulay	JACS	76	(1954)	2354
$C_{15}H_{24}$	Isocaryophyllene	-	Sol	Group freq	Aebi	JCS	-	(1953)	3124

$C_{15}H_{24}$	Longifolene	-	-	Band freq, Struct	Zeiss	JACS	76 (1954) 1653
$C_{15}H_{24}$	1-Methyl-3-5-di-t-butylbenzene	700-1000	S	Group study	Bellamy	JCS	- (1955) 2818
$C_{15}H_{24}$	2-Methyl-2-phenyl-octane	2-15 μ	L	Spec, Struct	Hawkes	SA	16 (1960) 633
$C_{15}H_{24}$	Metrosiderene	-	-	Group freq, Struct	Corbett	JCS	- (1954) 1179
$C_{15}H_{24}$	1,3,5-Triisopropyl-benzene	5-6 μ	-	Spec	Young	AC	23 (1951) 709
		-	Sol	Spec, Freq, Assign	Mc Caulay	JACS	76 (1954) 2354
		868	Sol	Freq, I	La Lau	SA	14 (1959) 181
$C_{15}H_{24}$	2,2,4-Trimethyl-4-(m-tolyl)pentane	-	-	Ident, Struct, Anal	Sanford	JACS	75 (1953) 6326
$C_{15}H_{24}$	2,2,4-Trimethyl-4-(p-tolyl)pentane	-	-	Ident, Struct, Anal	Sanford	JACS	75 (1953) 6326
$C_{15}H_{24}ClN_5$	2,4-Di(cyclohexyl) amino-6-chloro-1,3,5-triazine	2-16 μ	S	Spec, Struct	Padgett	JACS	80 (1958) 803
$C_{15}H_{24}N_2$	1-Δ^5-Dehydro-sparteine	-	Sol	Band freq	Leonard	JACS	77 (1955) 1552
$C_{15}H_{24}N_2 \cdot HClO_4$	1-Δ^5-Dehydro-sparteine mono-perchlorate	-	S,Sol	Band freq	Leonard	JACS	77 (1955) 1552
$C_{15}H_{24}N_2 \cdot HClO_4$	$\Delta^{1(6)}$-Dehydro-sparteinium perchlorate	-	S,Sol	Band freq	Leonard	JACS	77 (1955) 1552
$C_{15}H_{24}N_2 \cdot HClO_4$	$\Delta^{11(16)}$-Dehydro-sparteinium	-	Sol	Band freq	Leonard	JACS	77 (1955) 1552
$C_{15}H_{24}N_2 \cdot 2HClO_4$	$\Delta^{1(6)}$-Dehydro-sparteinium						

	sparteinium		Sol	Band freq	Leonard	JACS	77	(1955)	1552
$C_{15}H_{24}N_2 \cdot 2HClO_4$	$\Delta^{1(6)}$-Dehydro-sparteinium diperchlorate	-	S	Band freq	Leonard	JACS	77	(1955)	1552
$C_{15}H_{24}N_2 \cdot 2HClO_4$	$\Delta^{11(16)}$-Dehydro-sparteinium diperchlorate	-	S	Band freq	Leonard	JACS	77	(1955)	1552
$C_{15}H_{24}N_2O$	Isolupanine	-	Sol	Group freq	Marion	JACS	73	(1951)	305
$C_{15}H_{24}N_2O$	Lupanine	-	Sol	Group freq	Marion	JACS	73	(1951)	305
$C_{15}H_{24}N_2O_3$	3,6-bis-butylamino-2-methoxy-p-benzo-quinone	2200-800	Sol	Band freq	Buckley	JCS	-	(1957)	4891
$C_{15}H_{24}N_2S$	N-Phenyl-N'-N'-dibutylthiourea	-	-	Band freq	Buswell	JPC	44	(1940)	1126
$C_{15}H_{24}N_4O_4$	2,4-Diamino-5-(2'-tetrahydropyranoxy)-6-(2'-tetrahydro-pyranoxymethyl) pyrimidine	650-3600	S	Group study, Freq	Tanner	SA	8	(1956)	9
$C_{15}H_{24}N_4O_7$	N-Methyloctylamine picrate	650-3500	S	Spec	Leonard	JACS	74	(1952)	1704
$C_{15}H_{24}N_4O_7$	Tri-n-propylamine picrate	-	S	Spec	Mitchell	JACS	65	(1943)	128
$C_{15}H_{24}O$	2,4-Di-s-butyl-1-methoxybenzene	900-1030	Sol	Group freq	Puttnam	JCS	-	(1960)	2934
$C_{15}H_{24}O$	2-Methyl-4,6-di-s-butylphenol	900-1030 650-1400	Sol Sol	Group freq Spec	Puttnam Shrewsbury	JCS SA	- 16	(1960) (1960)	2934 1294
$C_{15}H_{24}O$	2-Methyl-4,6-di-t-butylphenol	2.5-3.6 μ 3 μ	Sol,S S,L, Sol	Spec, Freq H bond	Coggeshall Sears	JACS JACS	69 71	(1947) (1949)	1620 4110

$C_{15}H_{24}O$	6-Methyl-2,4-di-t-butylphenol	-	Sol	Spec	Goddue	JACS	82 (1960) 4533
$C_{15}H_{24}O$	4-Methyl-2,5-di-s-butylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{15}H_{24}O$	4-Methyl-2,5-di-t-butylphenol	-	Sol	Spec	Goddu	JACS	82 (1960) 4533
		3500-3800	Sol	Freq, Hammett const	Puttnam	JCS	- (1960) 5100
$C_{15}H_{24}O$	4-Methyl-2,6-di-s-butylphenol	-	-	Freq shift	Coggeshall	JACS	69 (1947) 1620
		900-1030	Sol	Group freq	Puttnam	JCS	- (1960) 5100
		3500-3800	Sol	Group freq, Hammett constant	Puttnam	JCS	- (1960) 2934
		650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{15}H_{24}O$	4-Methyl-2,6-di-t-butylphenol	3 μ	Sol,S	Spec, Freq shift	Coggeshall	JACS	69 (1947) 1620
		2.6-3.6 μ	S	Spec, Struct	Mc Kinley	JACS	69 (1947) 1624
		3 μ	Sol, L,S	H bond	Sears	JACS	71 (1949) 4110
		2-12 μ	L	Spec	Poti	AC	25 (1953) 1461
		-	-	I	Brown	JCP	24 (1956) 1281
		2.95-3.38 μ	Sol	I	Hughes	JCP	24 (1956) 489
		-	Sol	Spec	Goddu	JACS	82 (1960) 4533
		3500-3800	Sol	Group freq, Hammett constant	Puttnam	JCS	- (1960) 5100
		650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
		-	-	Quant anal	Spell	AC	32 (1960) 1811
$C_{15}H_{24}O$	o-Noxylphenol	2.84 μ	Sol	Anal	Simard	AC	23 (1951) 1384
$C_{15}H_{24}O$	2-tt-Octyl-4-methylphenol	3 μ	Sol, L,S	H bond	Sears	JACS	71 (1949) 4110
$C_{15}H_{24}O$	2,4,5-Tri-isopropylphenol	650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294
$C_{15}H_{24}O$	2,4,6-Tri-isopropylphenol	2-16 μ	Sol	Spec, Group freq, Anal	Morton	JACS	76 (1954) 2973
		650-1400	Sol	Spec	Shrewsbury	SA	16 (1960) 1294

$C_{15}H_{24}O_2$	Carissone	-	-	Group freq	Barton	JCS	-	(1954) 3492
$C_{15}H_{24}O_2$	1-Cyclohex-3-enyl-2-cyclohexylidene-propane-1,3-diol	-	-	Ident, Group freq	Hawkins	JCS	-	(1955) 1462
$C_{15}H_{24}O_2$	Decahydro-4,9-dimethyl-10-hydroxy-6-iso-propenyl-3 oxo-naphthalene	-	-	Group freq	Mc Quillin	JCS	-	(1955) 528
$C_{15}H_{24}O_2$	Deoxotetrahydrosantonin	2-15μ	S,Sol	Struct	Kanzawa	JACS	80	(1958) 3705
$C_{15}H_{24}O_2$	2,5-Di-t-butyl-4-methoxyphenol	3200-3800	Sol	Spec, Freq	Cook	JACS	77	(1955) 1672
$C_{15}H_{24}O_2$	2,6-Di-t-butyl-4-methoxyphenol	3μ 3200-3800	Sol Sol	H bond Spec, Group freq	Sears Cook	JACS JACS	71 77	(1949) 4110 (1955) 1672
$C_{15}H_{24}O_2$	Ethyl chrysanthemumate cyclopropane	3-11μ	L,S	Spec, Struct	Allen	JOC	22	(1957) 1291
$C_{15}H_{24}O_2$	α-4-Ethyl-3-methyl-2-phenyl-2,4-hexanediol	-	-	Ident	Zimmerman	JACS	76	(1954) 2294
$C_{15}H_{24}O_2$	β-4-Ethyl-3-methyl-2-phenyl-2,4-hexanediol	-	-	Ident	Zimmerman	JACS	76	(1954) 2294
$C_{15}H_{24}O_2$	2-Oxo-4,4,8-trimethyl-5β-tricyclo$[6.3.1.0^{1:5}]$ dodecane-9α-ol	-	-	Stretch freq	Aebi	JCS	-	(1954) 4659
$C_{15}H_{24}O_2$	2-Oxo-4,4,8-trimethyl-5β-tricyclo$[6.3.1.0^{1:5}]$ dodecan-9β-ol	-	-	Stretch freq	Aebi	JCS	-	(1954) 4659
$C_{15}H_{24}O_2$	4,4,8-Trimethyl-2-oxotricyclo$[6.3.1.0^{1:5}]$dodecan-9-ol	-	Sol	Group freq, Struct, Iso	Aebi	JCS	-	(1953) 3124

$C_{15}H_{24}O_3$	Ethyl decahydro-3-keto-8,8-dimethyl-10-hydroxy-2-naphthoate	2.5-16 μ	S	Spec, Group freq	Stauffacher	HCA	37 (1954) 1227
$C_{15}H_{24}O_3S$	γ-Methyl-β-isopropyl-β-hydroxy-n-butyl p-tolyl sulfone	-	-	Group study	Field	JACS	76 (1954) 5582
$C_{15}H_{24}O_4$	Dihydrolumerlinic acid	2-10 μ	S	Spec, Struct, Group freq	Harris	JCS	- (1952) 1906
$C_{15}H_{24}O_4$	Ethyl 2-acetyl-3-(2,2-dimethyl-6-ketocyclohexyl) propionate	2.5-16 μ	-	Spec, Group freq	Stauffacher	HCA	37 (1954) 1227
$C_{15}H_{24}O_4$	Isodihydroiresin	-	Sol	Band freq	Djerassi	JACS	76 (1954) 2966
$C_{15}H_{24}O_4$	Tetrahydropseudo-santonin	1600-1750	S	Spec, Struct, Group freq	Dauben	JACS	75 (1953) 3357
$C_{15}H_{24}O_4 \cdot XH_2O$	Tetrahydro-ψ-santonic acid (hydrated)	-	-	Band freq, H bond	Cocker	JCS	- (1949) 1170
$C_{15}H_{24}O_9 \cdot H_2O$	Aucubin	755-3356	S	Table, I	Briggs	JCS	- (1954) 4182
$C_{15}H_{25}NO_2$	Hexahydrodesmethoxy-β-erythroidinol	- -	- -	Ident, Struct Struct, Iso	Boekelheide Boekelheide	JACS JACS	75 (1953) 2550 75 (1953) 2558
$C_{15}H_{26}$	1,3-Dicyclopentyl-cyclopentane	3-14.7 μ	Sol,L	Struct, Anal	Francis	AC	25 (1953) 1466
$C_{15}H_{26}$	Dihydrocyperene-II	800-3600	L	Spec, Freq, Struct	Narasimhan	PIAS	43 (1956) 156
$C_{15}H_{26}$	Dihydrohumulene	700-1500	L	Spec, Group freq	Clemo	JCS	- (1952) 665
$C_{15}H_{26}N_2$	dl-Spartalupine	-	-	Ident	Carmack	JACS	77 (1955) 4435

$C_{15}H_{26}N_2$	l-Spartalupine	-	-	Ident	Carmack	JACS	77	(1955)	4435
$C_{15}H_{26}N_2$	d,l-or-dl-Sparteine	1-12μ	L	Spec	O'Byrne	JOSA	23	(1933)	92
		600-3800	Sol,S	Spec	Leonard	JACS	72	(1950)	1316
$C_{15}H_{26}N_2$	(dl-or l)-α-iso-Sparteine	600-3800	Sol,S	Spec	Leonard	JACS	72	(1950)	1346
$C_{15}H_{26}N_2 \cdot H_2SO_4 \cdot 5H_2O$	Sparteine sulfate pentahydrate	1-9μ	L	Spec	O'Byrne	JOSA	23	(1933)	92
$C_{15}H_{26}O$	l-Cedrol	-	-	Struct, Ident	Stork	JACS	77	(1955)	1072
$C_{15}H_{26}O$	β-(4,8-dimethylnonyl)furan	2-15μ	L	Spec	Quilico	TE	1	(1957)	186
$C_{15}H_{26}O$	Ethyl-β-ionol	2-16μ	-	Spec, Group freq	Oroshnick	JACS	76	(1954)	2325
$C_{15}H_{26}O$	Guaiol	3600-3650	Sol	Group freq, Group study	Cole	JCS	-	(1959)	1218
$C_{15}H_{26}OSi$	Trimethylsilyl-hexyl phenyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{15}H_{26}O_2$	Hexahydroaristolactone	-	S,Sol	Band freq, Group freq, Struct	Stenlake	JCS	-	(1955)	2114
$C_{15}H_{26}O_2$	3,6,6,10-Tetramethylcyclohendecane-1,2-dione	740-3500	L	Table	Fawcett	JCS	-	(1954)	2669
$C_{15}H_{26}O_4$	Diethyl (1-methylpentenyl-4)ethylmalonate	-	-	Struct	Wood	JACS	75	(1953)	5511
$C_{15}H_{26}O_4$	Hexahydropseudosantonin	1600-1800	S	Spec, Struct, Group freq	Dauben	JACS	75	(1953)	3352
$C_{15}H_{26}O_5$	Methyl β-(1-methyl-2-hydroxy-2-carbethoxymethyl-cyclohexyl)propionate	-	Sol	Band freq	Dreiding	JOC	19	(1954)	241
$C_{15}H_{26}Si$	Phenyltriisopropylsilane	-	-	Band freq	George	JACS	77	(1955)	1677

$C_{15}H_{27}BrO$	2-Bromocyclopentadecanone	-	-	Spec	Leonard	JACS	80	(1958)	6039
$C_{15}H_{27}N$	N-(1,3-Dimethylbutyl)-3,3,5-trimethyl-5-cyclohexenimine	-	-	Band freq	Smith	JACS	75	(1953)	3316
$C_{15}H_{27}NO$	Pellitorine	2.5-14 μ	S	Spec, Band freq	Crombie	JCS	-	(1952)	4338
$C_{15}H_{27}N_5O_6$	Tetra-L-alanyl-L-alanine	-	S	Struct comparison	Zahn	A	636	(1960)	132
$C_{15}H_{28}$	1,1-Dicyclohexylpropane	-	-	Band freq	Bomstein	AC	25	(1953)	512
		15-35 μ	S	Spec, Struct	Bentley	SA	15	(1959)	165
$C_{15}H_{28}$	1,3-Dicyclohexylpropane	8000-9000	Sol	Group anal	Hibbard	AC	21	(1949)	486
		-	-	Band freq	Bomstein	AC	25	(1953)	512
$C_{15}H_{28}$	1-Octylcycloheptene	-	-	Spec, Freq	Brini	BSCF	-	(1959)	1188
$C_{15}H_{28}$	Tetrahydrocyperene-II	800-3600	L	Spec, Freq, Struct	Narasimhan	PIAS	43	(1956)	156
$C_{15}H_{28}$	Tetrahydrohumulene	700-1500	L	Spec, Group freq	Clemo	JCS	-	(1952)	665
$C_{15}H_{28}$	Tetrahydroisozingiberene	-	-	Ident, Spec	Corbett	JCS	-	(1954)	1179
$C_{15}H_{28}$	Tetrahydrometrosiderene	-	-	Ident, Spec	Corbett	JCS	-	(1954)	1179
$C_{15}H_{28}ClNO_3$	Dodecyl N-chloroacetylcarbamate	650-4000	Sol	Spec	Pianka	JCS	-	(1960)	983
$C_{15}H_{28}O$	Cyclopentadecanone	-	G,Sol	Group freq	Josien	CPR	246	(1958)	1849
		-	Sol	Group freq	Leonard	JACS	80	(1958)	6039
		-	Sol	Group freq	Burer	HCA	43	(1960)	1487
$C_{15}H_{28}O_2$	15-Hydroxypentadecanoic acid lactone	5.4-10.8 μ	-	Spec	Allen	JOC	14	(1949)	754
$C_{15}H_{28}O_2$	Lauryl acrylate	2-15 μ	L	Spec, Assign	Walton	JACS	79	(1957)	3985
$C_{15}H_{28}O_4$	Diethyl di-t-butylmalonate	2-15 μ	L	Spec, Group freq	Abramovitch	CJC	36	(1958)	151

$C_{15}H_{29}N$	Aminotetrahydrohumulene	800-1500	L	Spec, Group freq	Clemo	JCS	-	(1952)	665
$C_{15}H_{29}N$	Pentadecanonitrile	-	-	Group freq	Kitson	AC	24	(1952)	334
$C_{15}H_{29}NO$	3,3-Dimethyl-1-N-(α, α, α', α'-tetramethylpiperidyl)-2-butanone	-	L	Group freq	Leonard	JACS	77	(1955)	3272
$C_{15}H_{29}NO_2$	1-Methyl-1-azacyclopentadecan-8-ol-9-one	-	Sol	Group freq	Leonard	JACS	76	(1954)	5708
$C_{15}H_{29}NO_4$	Diethyl γ - γ'-isopropylimino-bis-butyrate	-	L	Group freq	Leonard	JACS	76	(1954)	3463
$C_{15}H_{29}N_5O$	2-Lauroxy-4,6-diamino-1,3,5-triazine	2-16 μ	S	Spec, Struct	Padgett	JACS	80	(1958)	803
$C_{15}H_{30}$	Cyclopentadecane	650-1600	S.L	Spec	Billetter	HCA	41	(1958)	338
$C_{15}H_{30}$	Hexahydrohumulene	700-1500	L	Spec, Group freq	Clemo	JCS	-	(1952)	665
$C_{15}H_{30}$	1-Pentadecene	- -	- S	Group freq Band assign	Bonino Harrah	TFS JCP	25 33	(1929) (1960)	876 298
$C_{15}H_{30}$	Triisoamylene	1250-1550	-	Spec	Barnes	IEC	15	(1943)	659
$C_{15}H_{30}N_2$	2-Cyanoethyldodecylamine	2-16 μ	L	Spec, Group freq	Dubrow	JOC	17	(1952)	1043
$C_{15}H_{30}N_6$	N,N',N"-Tri-isobutylmelamine	2-16 μ	S	Spec, Struct	Padgett	JACS	80	(1958)	803
$C_{15}H_{30}N_6$	N,N',N"-Tri-n-butylmelamine	2-16 μ	L	Spec, Struct	Padgett	JACS	80	(1958)	803
$C_{15}H_{30}O$	β-(4,8-Dimethylnonyl)tetrahydrofuran	2-15 μ	L	Spec	Quilico	TE	1	(1957)	186

$C_{15}H_{30}O_2$	2-n-Butyl-2-ethyl-nonanoic acid	7-15	Sol	Spec, Band freq, Struct	Freeman	JACS	74 (1952)	2523
$C_{15}H_{30}O_2$	4-n-Butyl-4-ethyl-nonanoic acid	7-15 μ	Sol	Spec, Band freq, Struct	Freeman	JACS	74 (1952)	2523
$C_{15}H_{30}O_2$	5-n-Butyl-5-ethyl-nonanoic acid	7-15 μ	Sol	Spec, Band freq, Struct	Freeman	JACS	74 (1952)	2523
$C_{15}H_{30}O_2$	Methyl myristate	1-12 μ	Sol	Spec, Ext coefficient	O'Connor	JAOC	28 (1951)	154
$C_{15}H_{30}O_2$	n-Pentadecanoic acid	710-730	S	Band freq, Spec	Chapman	JCS	- (1957)	4487
		2-15 μ	S	Spec, Anal	Meiklejohn	AC	29 (1957)	329
$C_{15}H_{30}O_4$	1-Monolaurin	650-3500	S	Struct	Chapman	JCS	- (1956)	55
$C_{15}H_{30}O_4$	2-Monolaurin	650-3500	S	Spec, Struct	Chapman	JCS	- (1956)	55
$C_{15}H_{30}Si$	Cyclopentamethylene-diisoamylsilane	2-35 μ	L	Spec, Assign	Oshesky	JACS	79 (1957)	2057
$C_{15}H_{31}Cl_3OSi$	Trichlorosilyl-undecyl butyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{15}H_{31}N$	Aminohexahydro-humulene	700-1500	L	Spec, Group freq	Clemo	JCS	- (1952)	665
$C_{15}H_{31}NO$	cis-2-Aminocyclo-pentadecanol	-	Sol	Freq, Assign	Sicher	CCCC	24 (1959)	950
$C_{15}H_{31}NO$	trans-2-Aminocyclo-pentadecanol	-	Sol	Freq, Assign	Sicher	CCCC	24 (1959)	950
$C_{15}H_{31}NO$	2-n-Propyl-3-(α,γ-dimethylbutyl)-4,5,5-trimethyl-oxazolidine	1080-1190	-	Band freq	Bergmann	JACS	73 (1951)	5662
$C_{15}H_{31}NO_2$	1,2-Propanediol-dicyclo-hexylamine adduct	1000-3750	S	H bond	Nakagama	BCSJ	33 (1960)	433

	hexylamine adduct			H bond	Nakagama	BCSJ	33 (1960)	433
$C_{15}H_{31}NO_2$	1,3-Propanediol-dicyclohexylamine adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{15}H_{31}NO_3$	Dicyclohexylamine-glycerol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{15}H_{32}$	Isopentadecane	1250-1625	-	Spec	Barnes	IEC	15 (1943)	659
$C_{15}H_{32}$	Pentadecane	-	-	Group anal	Hastings	AC	24 (1952)	612
		8-13μ	S	Freq	Stein	JCP	22 (1954)	1993
		700-3000	Sol	Ext coefficient	Jones	SA	9 (1957)	235
$C_{15}H_{32}O$	3,3-Di-n-butylheptanol-2	665-5000	L	Group freq	Ziess	JACS	75 (1953)	897
$C_{15}H_{32}Si$	Cyclopentamethylene-di-N-amylsilane	2-35μ	L	Spec, Assign	Oshesky	JACS	79 (1957)	2057
$C_{15}H_{32}Si$	Cyclopentamethylene-di-isoamylsilane	2-35μ	L	Spec, Assign	Oshesky	JACS	79 (1957)	2057
$C_{15}H_{33}N$	Triisoamylamine	1-12μ	L	Spec	Bell	JACS	49 (1927)	1837
		0.6-2.4μ	L	Group study	Ellis	JACS	50 (1928)	685
$C_{15}H_{33}NO$	n-(α,γ-Dimethylbutyl)-N-n-butyl-2-amino-3-methyl-3-butanol	1070-3320	-	Band freq	Bergmann	JACS	73 (1951)	5662
		-	Sol	Group freq, H bond	Bergmann	JACS	75 (1953)	68
$C_{15}H_{33}O_3P$	Trineopentyl phosphite	750-1600	L,Sol	Spec, Group freq	Bellamy	JCS	- (1952)	475
$C_{15}H_{33}O_3B$	Tri-n-amyl borate	670-1800	S	Spec, Freq	Werner	AJC	8 (1955)	355
$C_{15}H_{34}N_2O$	Urea-n-tetradeane complex	-	-	Freq, Struct	Scrocco	AAN	24 (1958)	435
$C_{15}H_{34}OSi$	Trimethylsilyloctyl butyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{15}H_{34}OSi$	Trimethylsilyldecyl ethyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{15}H_{34}OSi$	Trimethylsilylundecyl methyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826

C_{16} COMPOUNDS

$C_{16}H_4Cl_4O_4$	3,2'-Dioxo-5,5',7,7'-tetrachloro-$\Delta^{2,3'}$-bibenzofuran	2-14 μ	S	Spec	Stefanye	JOC	20 (1955)	813
$C_{16}H_6Br_2Cl_2N_2O_3$	4,4'-Dichloro-5,5'-dibromoindigo	-	S	H bond	Weinstein	JACS	78 (1956)	2387
$C_{16}H_6Br_4N_2O_2$	5,5',7,7'-Tetrabromo-indigo	- 2-3 μ	S S	H bond Spec	Weinstein Wyman	JACS JACS	78 (1956) 78 (1956)	2387 4599
$C_{16}H_6Cl_4O_3$	3-Hydroxy-5,5',7,7'-tetrachloro-2,3'-bibenzofuran	2-14 μ	S	Spec	Stefanye	JOC	20 (1955)	813
$C_{16}H_8Br_2N_2O_2$	5,5'-Dibromoindigo	-	S	H bond	Weinstein	JACS	78 (1956)	2387
$C_{16}H_8Br_2O_2$	3,3'-Dibromo-2,2'-dibenzofuran	600-1600	S	Spec	Toda	BCSJ	33 (1960)	1287
$C_{16}H_8Cl_2N_2O_4$	4,4'-Dichloro-indigo	-	S	H bond	Weinstein	JACS	78 (1956)	2387
$C_{16}H_8Cl_2N_2O_4$	bis-(p-Chloro-benzoyl)furoxan	-	S,Sol	Table, I, Group freq	Boyer	JACS	77 (1955)	4238
$C_{16}H_8Cl_2N_4O_2$	bis-(p-Chloro-benzoyl)furoxan-azine	-	S,Sol	Table, I, Group freq	Boyer	JACS	77 (1955)	4238

$C_{16}H_8F_2N_2O_2$	5,5'-Difluoro-indigo	-	S	H bond	Weinstein	JACS	78 (1956)	2387
$C_{16}H_8F_2N_2O_2$	7,7'-Difluoro-indigo	-	S	H bond	Weinstein	JACS	78 (1956)	2387
$C_{16}H_8I_2O_2$	3,3'-Diiodo-2,2'-dibenzofuran	600-1600	S	Spec	Toda	BCSJ	33 (1960)	1287
$C_{16}H_8N_4O_8$	bis-(m-Nitro-benzoyl)furoxan	-	S	Table, I, Group freq	Boyer	JACS	77 (1955)	4238
$C_{16}H_8N_4O_8$	bis-(p-Nitro-benzoyl)furoxan	-	S	Table, I, Group freq	Boyer	JACS	77 (1955)	4238
$C_{16}H_8N_6O_6$	bis-(m-Nitro-benzoyl)furoxan-azine	-	S	Table, I, Group freq	Boyer	JACS	77 (1955)	4238
$C_{16}H_8N_6O_6$	bis-(p-Nitro-benzoyl)furoxan-azine	-	S	Table, I, Group freq	Boyer	JACS	77 (1955)	4238
$C_{16}H_8O_2$	Pyrenequinone-3,8	-	S	Group freq	Josien	JACS	73 (1951)	478
$C_{16}H_8O_2$	Pyrenequinone 3,10	-	S	Group freq	Josien	JACS	73 (1951)	478
		1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{16}H_8O_2S_2$	Thioindigo	1650	S	Group freq	Flett	JCS	- (1948)	1441
		2-7 μ	S	Bond & Group freq, Struct	Brode	JACS	76 (1954)	1034
		-	S	H bond	Weinstein	JACS	78 (1956)	2387
$C_{16}H_9NOS$	1-Ketoquinolino-(3':2'-3:4)-2-thioisochromen	-	-	Struct	Kiang	JCS	- (1951)	1909

$C_{16}H_9NO_3$	9,10-Methylene-dioxy-7-oxo-7H-dibenzo [f,hi] - pyrrocoline	-	S	Group freq	Cook	JCS	-	(1954)	4176
$C_{16}H_{10}$	1,4-Diphenyl-1,3-butadiyne	-	S	Group freq	Armitage	JCS	-	(1954)	147
$C_{16}H_{10}$	Fluoranthrene	690-2020	Sol	Spec	Cannon	SA	4	(1951)	373
$C_{16}H_{10}$	Pyrene	660-2020	Sol	Spec	Cannon	SA	4	(1951)	373
$C_{16}H_{10}N_2$	Diphenylfumaro-dinitrile	-	Sol	Group freq, I	Felton	JCS	-	(1955)	2170
$C_{16}H_{10}N_2O_2$	Benzoyl cyanide dimer	750-4000	S	Spec, Struct, Anal	Marrel	JACS	71	(1949)	34
$C_{16}H_{10}N_2O_2$	Indigo	2-7μ	S	Band & Group freq	Brode	JACS	76	(1954)	1034
		700-2000	S	Spec, Band freq	Bergmann	JACS	77	(1955)	1549
		-	S	H bond	Weinstein	JACS	78	(1956)	2387
		2-3μ	S	Spec	Wyman	JACS	78	(1956)	4599
$C_{16}H_{10}N_2O_2$	i-Indigo	700-2000	S	Spec, Group freq	Bergmann	JACS	77	(1955)	1549
$C_{16}H_{10}N_2O_2$	Indirubin	700-2000	S	Spec, Group freq	Bergmann	JACS	77	(1955)	1549
$C_{16}H_{10}N_2O_4$	Dibenzoylfuroxan	600-4000	S,Sol	Spec, Group freq, I	Boyer	JACS	77	(1955)	4238
$C_{16}H_{10}N_4O$	3-(2'-Quinazolyl)-4-quinazolone	718-2915	S	Table, Group freq, I	Culbertson	JACS	76	(1954)	3533
$C_{16}H_{10}N_4O$	3-(4'-Quinazolyl)-4-quinazolone	702-2915	S	Table, I, Group freq	Culbertson	JACS	76	(1954)	3533
$C_{16}H_{10}N_4O_2$	Dibenzoylfuroxan-azine	-	S,Sol	Table, I, Group freq	Boyer	JACS	77	(1955)	4238
$C_{16}H_{10}N_8$	Tetraazaporphin	400-4000	S	Spec, H bond	Mason	JCS	-	(1958)	976
$C_{16}H_{10}O_2$	2,2'-Dibenzofuran	600-1600	S	Spec	Todd	JACS	33	(1960)	4287

				Spec, H bond	Mason	JCS	-	(1958)	976
$C_{16}H_{10}O_2$	2,2'-Dibenzofuran	600-1600	S	Spec	Toda	BCSJ	33	(1960)	1287
$C_{16}H_{10}O_2$	Dibenzoylacetylene	6.14-14.20 μ	S	Table, Group freq	Kuhn	JACS	72	(1950)	5058
$C_{16}H_{10}O_2$	2-Phenyl-1,4-naphthoquinone	1600-1800	Sol	Group freq	Josien	JCP	21	(1955)	331
$C_{16}H_{10}O_4$	1-Acetoxyanthraquinone	1679	Sol	Group freq	Flett	JCS	-	(1948)	1441
		2-15 μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{16}H_{10}O_4$	2-Acetoxyanthraquinone	1679	Sol	Group freq	Flett	JCS	-	(1948)	1441
$C_{16}H_{11}DN_2O$	1-Phenylazo-2-naphthol-d_1	600-1700	S	Assign, Struct	Hadzi	JCS	-	(1956)	2143
$C_{16}H_{11}DN_2O$	2-Phenylazo-1-naphthol-d_1	600-1700	S	Assign, Struct	Hadzi	JCS	-	(1956)	2143
$C_{16}H_{11}DN_2O$	4-Phenylazo-1-naphthol-d_1	600-1700	S	Assign, Struct	Hadzi	JCS	-	(1956)	2143
$C_{16}H_{11}BrO_2$	cis-Bromodibenzoylethylene	6.07-14.6 μ	S	Table, Group freq	Kuhn	JACS	72	(1950)	5058
$C_{16}H_{11}BrO_2$	trans-Bromodibenzoylethylene	6.02-14.30 μ	S	Table, Group freq	Kuhn	JACS	72	(1950)	5058
$C_{16}H_{11}NO$	2-Phenyl-3-cyanoindone	-	-	Spec	Bergmann	BSCF	-	(1959)	634
$C_{16}H_{11}NO_2$	5-Benzoyl-8-hydroxyquinoline	3300-3400	Sol	Freq, H bond	Badger	JCS	-	(1958)	3437
$C_{16}H_{11}NO_2S$	2-Nitro-3,5-diphenylthiophene	-	-	Ident	Parham	JACS	77	(1955)	68
$C_{16}H_{11}NO_3$	1-Acetamidoanthraquinone	1645-1705	-	Group freq	Flett	JCS	-	(1948)	1441

$C_{16}H_{11}NO_3$	4,5-Dihydro-9,10-methylenedioxy-7-oxo-7H-dibenzo [f,hi] pyrrocoline	-	S	Ident	Cook	JCS	- (1954)	4176
$C_{16}H_{11}NO_3$	1,4-Diphenyl-2,3,5-pyrrolidinetrione	2-16 μ	S	Spec	Skinner	JACS	72 (1950)	5569
$C_{16}H_{11}NO_3$	4,4-Diphenyl-2,3,5-pyrrolidinetrione	2-16 μ	S	Spec	Skinner	JACS	72 (1950)	5569
$C_{16}H_{11}NO_3$	1-(3',4'-Methylene-dioxybenzoyl)indole	700-1500	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{16}H_{11}NO_3S$	Naphthoquinone mono-benzenesulfonimide	2-15 μ	Sol	Freq	Tsou	JACS	77 (1955)	4613
$C_{16}H_{11}NO_4$	N-(4-Acetoxy-1-naphthyl)maleimide	2-15 μ	Sol	Freq	Tsou	JACS	77 (1955)	4613
$C_{16}H_{11}NO_4S$	1,2-Naphthoquinone-1-oxime benzene-sulfonic ester	-	-	Group freq	Curry	JACS	75 (1953)	5740
$C_{16}H_{11}NO_4S$	1,2-Naphthoquinone-2-oxime benzene-sulfonic ester	-	-	Group freq	Curry	JACS	75 (1953)	5740
$C_{16}H_{11}NO_6$	α-Carboxy-β-(o-nitrostyryl) tropolone	-	S	Ident, Group & Band freq	Tarbell	JACS	76 (1954)	2470
$C_{16}H_{11}N_3O_3$	Para red	650-5000	S,Sol	Spec, Table, Anal	Kendall	AC	25 (1953)	382
$C_{16}H_{12}$	1,2,5,6-Dibenz-cyclooctatetraene	2-16 μ	Sol	Spec	Cope	JACS	73 (1951)	1668
$C_{16}H_{12}$	α-Phenylnaphthalene	660-2020	Sol	Spec	Cannon	SA	4 (1951)	373

$C_{16}H_{12}ClNO_2$	3,5-Diphenyl-5-chloromethyl-2-isooxazol-4-one	-	-	Struct, I	Stevens	JOC	19 (1954)	533
$C_{16}H_{12}ClNO_3$	2-(4-chlorobenzoyl)-1-nitro-3-phenyl-cyclopropane	2-16μ	S	Spec, Struct	Allen	JOC	22 (1957)	1291
		3-11μ	S	Ident	Allen	JOC	22 (1957)	1291
$C_{16}H_{12}ClNO_3$	N,N-Dibenzoylglycyl chloride	2-8μ	Sol	Spec, Group freq	Sheehan	JACS	74 (1952)	4555
$C_{16}H_{12}INO_4S$	p-Phthalimidomethyl-phenyl iodomethyl sulfone	-	S	Substitution effect	Momose	CPBT	6 (1958)	412
$C_{16}H_{12}N_2$	1-Azuleneazobenzene	-	-	Spec	Anderson	JACS	75 (1953)	4980
$C_{16}H_{12}N_2$	3,5-Diphenylpyrid-azine	-	Sol	Ident	Wasserman	JOC	19 (1954)	515
$C_{16}H_{12}N_2$	1-Methyl-ψ-indolo (3':2'-3:4)quinoline	-	-	Band freq	Braunholtz	JCS	- (1955)	381
$C_{16}H_{12}N_2HCl$	1-Methyl-ψ-indolo (3':2'-3:4)quinoline hydrochloride	-	-	Band freq	Braunholtz	JCS	- (1955)	381
$C_{16}H_{12}N_2$	Phenylazo-α-naphthalene	-	S	Freq	LeFevre	AJC	10 (1957)	26
$C_{16}H_{12}N_2$	Phenylazo-β-naphthalene	600-1700	S	Freq	LeFevre	AJC	10 (1957)	26
$C_{16}H_{12}N_2O$	1-Phenylazo-2-naphthol	600-1800	S	Spec, Assign	LeFevre	AJC	6 (1953)	341
		600-1700	S	Assign, Struct	Hadzi	JCS	- (1956)	2143
$C_{16}H_{12}N_2O$	2-Phenylazo-1-naphthol	600-1700	S	Assign, Struct, Spec	Hadzi	JCS	- (1956)	2143
$C_{16}H_{12}N_2O$	4-Phenylazo-1-naphthol	600-1700	S	Assign, Struct, Spec	Hadzi	JCS	- (1956)	2143

$C_{16}H_{12}N_2O_2$	2,4-Diphenoxy-pyrimidine	2-25 μ	S	Struct, Group freq	Short	JCS	- (1952)	168
$C_{16}H_{12}N_2O_2$	3-Phenylimino-4-phenylpyrrolidine-2,5-dione	2-16 μ	-	Spec, Struct, Group freq	Skinner	JACS	75 (1953)	977
$C_{16}H_{12}N_2O_2S_2$	Sulfisatyde	-	S	Band & Group freq	Bergmann	JACS	77 (1955)	1549
$C_{16}H_{12}N_2O_4$	Isatyde	-	S	Group freq	Bergmann	JACS	77 (1955)	1549
$C_{16}H_{12}N_2O_4$	1-(4-Nitrophenyl)-5-phenyl-2,3-pyrrolidinedione	2-16 μ	Sol	Spec, Group freq	Vaughan	JOC	18 (1953)	382
$C_{16}H_{12}N_2O_4$	5-(4-Nitrophenyl)-1-phenyl-2,3-pyrrolidinedione	2-16 μ	Sol	Spec, Group freq	Vaughan	JOC	18 (1953)	382
$C_{16}H_{12}N_2O_5$	1-(3',4'-Methylene-dioxy-6'-nitrobenzoyl)-2,3-dihydroindole	700-1500	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{16}H_{12}N_2O_6$	O-Acetylpolystictin	670-3600	S	Spec, Group freq, Struct	Cavill	JCS	- (1953)	525
$C_{16}H_{12}N_4O_4$	1-(2,4-Dinitro-phenyl)-5-methyl-3-phenylpyrazole	-	S	Group Study	Henbest	JCS	- (1952)	4536
$C_{16}H_{12}N_4O_4$	1-Phenylbut-3-yn-1-one-2,4-dinitro-phenylhydrazone	-	S	Group freq	Henbest	JCS	- (1952)	4536
$C_{16}H_{12}N_8O_8$	1,2-Cyclobutane-dione 2,4-dinitro-phenylosazone	-	S	Freq	Ramirez	JACS	76 (1954)	491
$C_{16}H_{12}N_8O_8$	Maleic dialdehyde 2,4-dinitrophenyl-hydrazone	2-16 μ	S	Spec	Schepartz	JAOC	26 (1950)	367

$C_{16}H_{12}O$	Methyl 9-phenanthryl ketone	670-3500	Sol,S	Spec, Table, Band freq	Hunsberger	JACS	74 (1952)	4839
$C_{16}H_{12}O_2$	cis-Dibenzoyl-ethylene	6.06-14.5 μ	S	Table, Group freq	Kuhn	JACS	72 (1950)	5058
$C_{16}H_{12}O_2$	trans-Dibenzoyl-ethylene	6.06-14.5 μ	S	Table, Group freq	Kuhn	JACS	72 (1950)	5058
$C_{16}H_{12}O_2$	9,10-Dihydrophenanthrene [9:10,3:2] cyclopropane-1-carboxylic acid	-	S	Freq	Reid	JCS	- (1955)	1193
$C_{16}H_{12}O_2$	Methyl 9-anthroate	-	-	Band freq	Bartlett	JACS	76 (1954)	1088
		-	-	Freq	Greene	JACS	77 (1955)	3852
$C_{16}H_{12}O_2$	Methyl 10-hydroxy-9-phenanthryl ketone	670-3500	Sol,S	Spec, Table, Band freq	Hunsberger	JACS	74 (1952)	4839
$C_{16}H_{12}O_2$	Methyl 9-phenanthrenecarboxylate	670-3500	Sol,S	Spec, Table, Band freq	Hunsberger	JACS	74 (1952)	4839
$C_{16}H_{12}O_3$	2-Carbethoxy-fluorenone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{16}H_{12}O_3$	2,3-Dimethyl-5-hydroxyanthraquinone	-	-	Spec	Inhoffen	CCA	29 (1957)	329
$C_{16}H_{12}O_3$	3'-Methoxyflavone	-	Sol	Group freq	Shaw	JCS	- (1955)	655
$C_{16}H_{12}O_3$	4'-Methoxyflavone	-	Sol	Group freq	Shaw	JCS	- (1955)	655
$C_{16}H_{12}O_3$	7-Methoxyflavone	-	Sol	Group freq	Shaw	JCS	- (1955)	655
$C_{16}H_{12}O_3$	Methyl 10-hydroxy-9-phenanthrenecarboxylate	670-3500	Sol,S	Spec, Table, Band Freq	Hunsberger	JACS	74 (1952)	4839

$C_{16}H_{12}O_3$	1-Methoxy-2-methyl-anthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{16}H_{12}O_3$	Methyl 1-methyl-fluorenone-7-carboxylate	-	Sol,S	Group freq	Mulholland	JCS	-	(1954)	4676
$C_{16}H_{12}O_3$	α-Phenyl-β-benzoyl-β-propiolacetone	-	Sol	Spec, Band freq	Bartlett	JACS	73	(1951)	4275
$C_{16}H_{12}O_4$	Benzil-o-carboxylic acid, normal methyl ester	-	S	Group freq, Taut	Grove	JCS	-	(1951)	877
$C_{16}H_{12}O_4$	α-Carboxy-β-styryl-tropolone	-	S	Ident, Group & Band freq, Struct	Tarbell	JACS	76	(1954)	2470
$C_{16}H_{12}O_4$	Di-m-cresotide	1700-1800	S,Sol	Group freq	Short	JCS	-	(1952)	206
$C_{16}H_{12}O_4$	Di-o-cresotide	1700-1800	S,Sol	Group freq	Short	JCS	-	(1952)	206
$C_{16}H_{12}O_4$	Di-p-cresotide	1700-1800	S,Sol	Group freq	Short	JCS	-	(1952)	206
$C_{16}H_{12}O_4$	1,2-Dimethoxy-anthraquinone	-	Sol	Freq	Wiles	JCS	-	(1956)	4811
$C_{16}H_{12}O_4$	1,3-Dimethoxy-anthraquinone	-	Sol	Freq	Wiles	JCS	-	(1956)	4811
$C_{16}H_{12}O_4$	1,4-Dimethoxy-anthraquinone	1675 -	Sol -	Freq Struct	Flett Wiles	JCS JCS	- -	(1948) (1956)	1441 4811
$C_{16}H_{12}O_4$	1,5-Dimethoxy-anthraquinone	-	-	Struct	Wiles	JCS	-	(1956)	484
$C_{16}H_{12}O_4$	1,8-Dimethoxy-anthraquinone	-	Sol	Freq	Wiles	JCS	-	(1956)	4811
$C_{16}H_{12}O_4$	2,3-Dimethoxy-anthraquinone	-	Sol	Freq	Wiles	JCS	-	(1956)	4811

	anthraquinone								
$C_{16}H_{12}O_4$	2,6-Dimethoxy-anthraquinone	-	Sol	Freq	Wiles	JCS	-	(1956)	4811
$C_{16}H_{12}O_4$	2,7-Dimethoxy-anthraquinone	-	Sol	Freq	Wiles	JCS	-	(1956)	4811
		2-15μ	S	Freq assign	Bloom	JCS	-	(1959)	178
$C_{16}H_{12}O_4$	Diphenyl fumarate	-	Sol	Group & Band freq, I	Goodwin	JACS	75	(1953)	4273
$C_{16}H_{12}O_4$	3-Hydroxy-3'-methoxy-flavone	-	Sol	Group freq	Shaw	JCS	-	(1955)	655
$C_{16}H_{12}O_4$	3-Hydroxy-7-methoxy-flavone	-	Sol	Group freq	Shaw	JCS	-	(1955)	655
$C_{16}H_{12}O_4$	5-Hydroxy-3'-methoxy-flavone	-	Sol	Group freq	Shaw	JCS	-	(1955)	655
$C_{16}H_{12}O_4$	5-Hydroxy-4'-methoxy-flavone	-	Sol	Group freq	Shaw	JCS	-	(1955)	655
$C_{16}H_{12}O_4$	5-Hydroxy-7-methoxy-flavone	-	Sol	Group freq	Shaw	JCS	-	(1955)	655
$C_{16}H_{12}O_4$	1-Methoxy-2-methyl-3-hydroxyanthra-quinone	2-15μ	S	Freq assign	Bloom	JCS	-	(1959)	178
$C_{16}H_{12}O_4S_2$	Dimethylanthraquinone-1,4-disulfenate	5-8μ	Sol	Struct	Bruice	JACS	81	(1959)	3416
$C_{16}H_{12}O_5$	1,8-Dihydroxy-3-methoxy-6-methyl-anthraquinone	2-15μ	S	Freq, Assign	Bloom	JCS	-	(1959)	178
$C_{16}H_{12}O_5$	1-Hydroxy-3-methoxy-2-hydroxymethyl-anthraquinone	-	-	Group freq	Briggs	JCS	-	(1953)	3068
		2-15μ	S	Freq assign	Bloom	JCS	-	(1959)	178

$C_{16}H_{12}O_6$	1,5-Dihydroxy-3,7-dimethoxyanthraquinone	2-15μ	S	Freq assign	Bloom	JCS	- (1959)	178
$C_{16}H_{12}O_6$	1,3,5-Trihydroxy-2-methoxy-6-methylanthraquinone	2-15μ	S	Freq assign	Bloom	JCS	- (1959)	178
$C_{16}H_{12}O_6$	1,4,5-Trihydroxy-2-methyl-7-methoxyanthraquinone	2-15μ	S	Freq assign	Bloom	JCS	- (1959)	178
$C_{16}H_{12}O_7$	Diphenyl fumarate ozonide	-	Sol	Group & Band freq	Goodwin	JACS	75 (1953)	4273
$C_{16}H_{12}O_7$	Isorhamnetin	-	L	Freq	Inglett	JOC	23 (1958)	93
$C_{16}H_{12}S$	2,4-Diphenylthiophene	-	-	Ident	Parham	JACS	76 (1954)	4960
$C_{16}H_{13}BrN_4O_4$	2-Bromo-1-tetralone syn-2,4-dinitrophenylhydrazone	-	Sol	Band & Group freq	Ramirez	JACS	75 (1953)	6026
$C_{16}H_{13}BrO$	Bromodypnone	2-16μ	Sol	Spec	Stevens	JOC	19 (1954)	522
$C_{16}H_{13}BrO_2$	α-Bromodiphenacyl	2-16μ	Sol	Spec	Berson	JACS	74 (1952)	5175
		2-15μ	Sol	Spec, Struct	Wasserman	JACS	75 (1953)	96
		2-16μ	Sol	Spec, Struct	Stevens	JOC	19 (1954)	522
$C_{16}H_{13}BrO_2$	β-Bromodiphenacyl	2-16μ	Sol	Spec, Group freq	Berson	JACS	74 (1952)	96
		2-15μ	Sol	Spec, Struct	Wasserman	JACS	75 (1953)	96
		2-16μ	Sol	Spec, Struct	Stevens	JOC	19 (1954)	522
$C_{16}H_{13}ClO$	Chlorodypnone	2-16μ	Sol	Spec	Stevens	JOC	19 (1954)	522
$C_{16}H_{13}ClO_2$	α-Chlorodiphenacyl	2-16μ	Sol	Spec, Struct	Stevens	JOC	19 (1954)	522

$C_{16}H_{13}ClO_2$	β-Chlorodiphenacyl	2-16μ	Sol	Spec, Struct	Stevens	JOC	19 (1954)	522
$C_{16}H_{13}IO$	Iododypnone	2-16μ	Sol	Spec	Stevens	JOC	19 (1954)	522
$C_{16}H_{13}IO_2$	α-Iododiphenacyl	2-16μ	Sol	Spec, I, Struct	Stevens	JOC	19 (1954)	522
$C_{16}H_{13}IO_2$	β-Iododiphenacyl	2-16μ	Sol	Spec, I, Struct	Stevens	JOC	19 (1954)	522
$C_{16}H_{13}N$	2,4-Diphenylpyrrole	-	Sol	Ident	Wasserman	JOC	19 (1954)	515
$C_{16}H_{13}N$	N-Phenyl-α-naphthyl-amine	-	Sol	Band freq, I	Russel	JCS	- (1954)	483
$C_{16}H_{13}N$	N-Phenyl-β-naphthyl-amine	-	Sol	Band freq, I	Russel	JCS	- (1954)	483
$C_{16}H_{13}NO$	β-(o-Anisyl)cinnamo-nitrile	-	Sol	Group freq	Elderfield	JACS	76 (1954)	3439
$C_{16}H_{13}NO$	α,β-Diphenyl-β-methoxyacrylonitrile	-	Sol	Group freq	Russel	JACS	76 (1954)	5714
$C_{16}H_{13}NO$	1-Methyl-2-phenyl-4-quinolone	1450-4000 -	S -	Spec, Freq Spec	Price Witkop	AJC JACS	12 (1952) 74 (1952)	589 3855
$C_{16}H_{13}NO$	α-Phenyl-4-methoxy-cinnamonitrile	-	-	Struct	Rorig	JACS	75 (1953)	5381
$C_{16}H_{13}NO_2$	1-Acetamidoan-throne	1637-3130	S	Group freq	Flett	JCS	- (1948)	1441
$C_{16}H_{13}NO_2$	4-Acetamido-anthrone	1652-3310	S	Group freq	Flett	JCS	- (1948)	1441
$C_{16}H_{13}NO_2$	1-Dimethylamino-anthraquinone	1650	-	Freq	Flett	JCS	- (1948)	1441
$C_{16}H_{13}NO_2$	2-Dimethylamino-anthraquinone	1650	-	Freq	Flett	JCS	- (1948)	1441

$C_{16}H_{13}NO_2$	1,5-Diphenyl-2,3-pyrrolidinedione	2-16 μ	Sol	Spec, Group freq	Vaughan	JOC	18 (1953)	382
		-	-	Group freq	Vaughan	JOC	20 (1955)	143
$C_{16}H_{13}NO_2$	3-(2'-Fluorenyl)-2-oxazolidine	-	-	Group freq	Sawicki	JACS	75 (1953)	4596
$C_{16}H_{13}NO_2$	7-Hydroxy-1-methyl-2-phenyl-4-quinolone	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{16}H_{13}NO_2$	7-Methoxy-2-phenyl-4-quinolone	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{16}H_{13}NO_2$	7-Methoxy-3-phenyl-4-quinolone	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{16}H_{13}NO_3$	2-Benzoyl-1-nitro-1-phenylcyclo-propane	2-8	S	Spec, Struct	Allen	JOC	22 (1957)	1291
$C_{16}H_{13}NO_3$	1-(3',4'-methylene-dioxybenzoyl)-2,3-dihydroindole	700-3000	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{16}H_{13}NO_3S$	5,8-Dihydro-1,4-naphthoquinone monobenzene sulfonimide	-	-	Group freq	Adams	JACS	74 (1952)	2605
$C_{16}H_{13}NO_4$	α-Carboxy-β-(o-aminostyryl) tropolone	-	S	Ident, Group & Band	Tarbell	JACS	76 (1954)	2470
$C_{16}H_{13}NO_4$	N,N-Dibenzoylglycine	2-8 μ	Sol	Spec, Group freq	Sheehan	JACS	74 (1952)	4555
$C_{16}H_{13}NO_4S$	p-Phthalimidomethyl phenyl methyl	-	S	Substition effect	Momose	CPBT	6 (1958)	412
$C_{16}H_{13}NO_5$	Actinomycinol B	2-15.5 μ	S	Spec, Group freq	Johnson	JOC	- (1952)	2672
		-	-	Group freq	Datta	JCS	- (1954)	3461

$C_{16}H_{13}NO_5$	Actinomycinol B	2-15.5μ	S	Spec, Group freq	Johnson	JCS	- (1952)	2672
$C_{16}H_{13}N_3O$	N-Acetyl-3,5-diphenyl-1,2,4-triazole	-	-	Group freq	Potts	JCS	- (1954)	3461
$C_{16}H_{13}N_3O$	4-Benzylidene-3-amino-1-phenyl-5-pyrazolone	400-4000	-	Freq	Gagnon	CJC	37 (1959)	110
$C_{16}H_{13}N_3OS$	5-Benzylidene-4-oxo-2-phenylhydrazono-thiazolidine	-	-	Ident	Mackie	JCS	- (1954)	3919
$C_{16}H_{13}N_3O_4S$	2-Thio-3-o-nitro-phenyl-5-p-hydroxylbenzyl hydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{16}H_{13}N_5O_3$	1-Phenyl-3-methyl-4-m-nitrophenylazo-5-pyrazolone	-	Sol	Spec	Toda	NKZ	80 (1959)	402
$C_{16}H_{13}N_5O_3$	1-Phenyl-3-methyl-4-p-nitrophenylazo-5-pyrazolone	-	Sol	Spec	Toda	NKZ	80 (1959)	402
$C_{16}H_{13}O_6$	Peonidine	1000-1800	S	Spec	Gayon	BSCF	- (1960)	934
$C_{16}H_{14}$	9-Allylfluorene	700-1400	Sol	Spec	Scherf	CJC	38 (1960)	697
$C_{16}H_{14}$	Bicyclooctatetraenyl	-	-	Ident	Cope	JACS	75 (1953)	3208
$C_{16}H_{14}$	1,4-Dimethylanthracene	3.0-14.0μ	Sol,S	Spec, Table	Mosby	JOC	18 (1953)	964
$C_{16}H_{14}$	2,3-Dimethylanthracene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
$C_{16}H_{14}$	2,6-+2,7-Dimethyl-anthracenes	650-2040	S	Spec	Cannon	SA	4 (1951)	373

$C_{16}H_{14}$	9,10-Dimethyl-anthracene	650-2040	Sol	Spec	Cannon	SA	4 (1951)	373
$C_{16}H_{14}$	meso-Dimethyl-anthracene	-	-	Spec	Buu - hoi	BSCF	- (1958)	1404
$C_{16}H_{14}$	1,7-Dimethyl-phenanthrene	-	-	Ident	Wiesner	JACS	76 (1954)	6068
		2-15μ	Sol	Spec, Ident	Mosettig	JOC	20 (1955)	884
$C_{16}H_{14}$	1,9-Dimethyl-phenanthrene	650-2040	Sol	Spec	Cannon	SA	4 (1951)	373
$C_{16}H_{14}$	4,5-Dimethyl-phenanthrene	5-14.5μ	S	Spec, Table	Mosby	JOC	19 (1954)	294
$C_{16}H_{14}$	9,10-Dimethyl-phenanthrene	7.3-14μ	S	Spec, Table	Mosby	JOC	19 (1954)	294
		2-15μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{16}H_{14}$	10,10-Dimethyl-dibenzofulvene	1250-4000	Sol	Spec	Wood	AC	30 (1958)	1339
$C_{16}H_{14}$	Diphenylbutadiene	640-2000	S	Spec	Cannon	SA	4 (1951)	373
$C_{16}H_{14}$	9-Ethylphenanthrene	2-15μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{16}H_{14}ClNO_2$	α-Chlorodiphenacyl oxime	-	-	Struct	Stevens	JOC	19 (1954)	533
$C_{16}H_{14}ClNO_2$	β-Chloroethyl N-2-fluorenylcarbamate	-	-	Group freq	Sawacki	JACS	75 (1953)	4596
$C_{16}H_{14}ClNO_2$	cis-3,5-Diphenyl-5-chloromethyl-4-hydroxy-2-isoxazoline	-	-	Ident	Stevens	JOC	19 (1954)	533
$C_{16}H_{14}ClNO_2$	trans-3,5-Diphenyl-5-chloromethyl-4-hydroxy-2-isoxazo-	-	-	Ident	Stevens	JOC	19 (1954)	533

$C_{16}H_{14}Cl_2O_4$	Dimethyl 2,3-dichloro-5-phenylcyclohexa-1,3-diene-1,4-dicarboxylate	-	-	Band freq	Burnell	JCS	- (1954)	3636
$C_{16}H_{14}N_2O$	Glycosin	-	-	Ident	Chatterjee	JACS	75 (1953)	4365
		2-12μ	Sol	Spec, Group freq, Struct	Chatterjee	JACS	76 (1954)	2459
$C_{16}H_{14}N_2O$	10-Keto-1,6-diaza-3:4,8:9-dibenzobicyclo [5.3.0.] deca-3,8-diene	-	-	Group freq, Struct	Hatt	JCS	- (1952)	199
$C_{16}H_{14}N_2OS$	2-Benzylamino-5-phenyl-4-(5)-thiazolone	650-4000	S	Spec	Taylor	JACS	76 (1954)	1866
$C_{16}H_{14}N_2OS$	5-Benzyl-3-phenyl-2-thiohydantoin	2.5-15μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{16}H_{14}N_2OS$	4-o-Mercaptophenyl-3-methyl-1-phenyl-pyrazolone	-	-	Group study	Glauert	JCS	- (1952)	240
$C_{16}H_{14}N_2OS$	α-Thiocyano-α-Phenyl-N-benzyl-acetamide	-	S	Group freq	Taylor	JACS	76 (1954)	1866
$C_{16}H_{14}N_2O_2$	1-Anilino-5-Phenyl-2,3-pyrrolidine-dione	-	Sol	Group freq	Vaughan	JOC	20 (1955)	143
$C_{16}H_{14}N_2O_2$	1,4-bis-Methylamino-anthraquinone	3240	-	Group freq	Flett	JCS	- (1948)	1441
$C_{16}H_{14}N_2O_2$	1-Phenyl-4-carboxanilido-2-azetidinone	2-11μ	Sol	Spec	Sheehan	JACS	73 (1951)	1761

$C_{16}H_{14}N_2O_2$	1-Phenyl-3,4-epoxy-butane-1,2-dione-2-phenylhydrazone	-	Sol	Band freq	Russel	JACS	75 (1953)	5315
$C_{16}H_{14}N_2O_2$	3-(1-Phenyl-2-nitro-ethyl) indole	-	S,Sol	Group freq	Noland	JACS	77 (1955)	456
$C_{16}H_{14}N_2O_2S$	5-p-Hydroxybenzyl-3-phenyl-2-thio-hydantoin	2.5-15 μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{16}H_{14}N_2O_3$	1-(2'-amino-4',5'-methylenedioxy-benzoyl)-2,3-dihydro-indole	700-3500	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{16}H_{14}N_2O_3S$	5-(3,4-Dihydroxy-benzyl)-3-phenyl-2-thiohydantoin	2.5-15 μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{16}H_{14}N_2O_4$	Benzoyl cyanide dimer diamide	750-4000	-	Spec, Struct, Anal	Marvel	JACS	71 (1949)	34
$C_{16}H_{14}N_2O_4$	L-erythro-2-Phenyl-4-hydroxy-methyl-5-p-nitro-phenyl-Δ^2-oxazoline	-	-	Group freq	Moersch	JACS	76 (1954)	1703
$C_{16}H_{14}N_2O_5$	p,p'-Diacetoxyazoxy-benzene	-	S	Ident	Leonard	JOC	17 (1952)	1071
$C_{16}H_{14}N_4OS$	5-Methyl-3-(phenyl-p-azophenyl)-2-thiohydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{16}H_{14}N_4O_4$	4-Phenyl-3-buten-2-one-2,4-dinitro-phenylhydrazone	2-15 μ	S	Band spec, Ident	Jones	AC	28 (1956)	191

	phenylhydrazone						28 (1958)	494
$C_{16}H_{14}N_4O_4$	Phenyl propenyl ketone 2,4-dinitrophenylhydrazone	-	Sol	Band & Group freq	Ramirez	JACS	75 (1953)	6026
$C_{16}H_{14}N_4O_4$	1-Tetralone syn-2,4-dinitrophenylhydrazone	-	Sol	Band & Group freq	Ramirez	JACS	75 (1953)	6026
$C_{16}H_{14}N_4O_5$	3-(2,4-Dinitrophenylhydrazino)-1-phenylbut-2-en-1-one	-	S	Group freq	Henbest	JCS	- (1952)	4536
$C_{16}H_{14}N_4O_5$	2-Methoxy-1-indanone syn-2,4-dinitrophenaylhydrazone	-	Sol	Band & Group freq	Ramirez	JACS	75 (1953)	6026
$C_{16}H_{14}N_4O_6$	α-Acetoxyacetophenone syn-2,4-dinitrophenylhydrazone	-	Sol	Band & Group freq	Ramirez	JACS	75 (1953)	6026
$C_{16}H_{14}N_4O_7$	1,3-Dimethylindole picrate	650-1750	-	Spec	Snyder	JACS	70 (1948)	1703
$C_{16}H_{14}N_6O_4$	Fumaric dialdehyde bis-p-nitrophenylhydrazone	-	S	Spec	Hufford	JACS	74 (1952)	3014
$C_{16}H_{14}N_8O_8$	Biacetyl di-2,4-dinitrophenylhydrazone	6-15μ	S	Spec, Table	Ross	AC	25 (1953)	1288
$C_{16}H_{14}O$	4-Acetylstilbene	5-15μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{16}H_{14}O$	Dypnone	-	-	Ident	Elderfield	JACS	76 (1954)	5437
		2-16μ	Sol	Spec	Stevens	JOC	19 (1954)	522
$C_{16}H_{14}O$	p-Phenylcrotonophenone	650-4000	S,Sol	Group freq, I	Cromwell	JACS	75 (1953)	6252

$C_{16}H_{14}O$	2-Methyl 3-phenyl-indone	-	-	Spec	Bergmann	BSCF	- (1959)	634
$C_{16}H_{14}O$	3-Methyl-2-phenyl-indone	-	-	Spec	Bergmann	BSCF	- (1959)	634
$C_{16}H_{14}OS_2$	Benzil monoethylene-thioketal	-	Sol	Band freq	Fieser	JACS	76 (1954)	1945
$C_{16}H_{14}O_2$	1,2,5,6-Dibenz-1,5-cyclooctadiene-3-ol-7-one hemiketal	2-16μ	S	Spec	Cope	JACS	73 (1951)	1668
$C_{16}H_{14}O_2$	1,1-Dibenzoylethane	-	-	Group freq	Dreiding	JACS	75 (1953)	3723
$C_{16}H_{14}O_2$	1,2-Dibenzoylethane	650-1740	Sol	Freq shift	Bellamy	JCS	- (1955)	4221
$C_{16}H_{14}O_2$	cis-1,3-Diphenyl-2,3-epoxybutanone-1	2-15μ	Sol	Spec, Struct	Wasserman	JACS	75 (1953)	96
$C_{16}H_{14}O_2$	trans-1,3-Diphenyl-2,3-epoxybutanone-1	2-15μ -	Sol -	Spec, Struct Ident	Wasserman Wasserman	JACS JACS	75 (1953) 77 (1955)	96 590
$C_{16}H_{14}O_2$	1,2-Diphenyl-2-methyl-1,3-propanedione	-	Sol	Band freq	House	JACS	76 (1954)	1235
$C_{16}H_{14}O_2$	3-Methoxymethylene-4-keto-1,2,3,4-tetrahydrophenanthrene	-	Sol	Band freq	Djerassi	JACS	76 (1954)	1741
$C_{16}H_{14}O_2$	3-Methyl-3-formyl-4-keto-1,2,3,4-tetrahydrophenanthrene	-	-	Band freq	Djerassi	JACS	76 (1954)	1741
$C_{16}H_{14}O_2S$	9-Fluorenyl allyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{16}H_{14}O_2S_2$	Dibenzyldithio-	2.5-16μ	Sol	Struct	Nyquist	SA	15 (1959)	514

$C_{16}H_{14}O_2S_2$	Diphenyldithio succinate	2.5-16 μ	Sol	Struct	Nyquist	SA	15 (1959)	514
$C_{16}H_{14}O_3$	3,5-Diethylnaphthalene-1,2-dicarboxylic acid anhydride	3-12 μ	Sol	Spec	Modest	JACS	72 (1950)	577
$C_{16}H_{14}O_3$	Ethyl o-Benzoylbenzoate	2-15 μ	S	Spec	Kendall	AS	7 (1953)	179
$C_{16}H_{14}O_3$	2-(4-Ethylbenzoyl) benzoic acid	5.5-6.5 μ	Sol	Ident	Sawicki	AC	31 (1959)	523
$C_{16}H_{14}O_3$	7-Methoxyflavanone	-	Sol	Group freq	Shaw	JCS	- (1955)	655
$C_{16}H_{14}O_3$	Methyl 6-methyl-2-benzoylbenzoate	6-13 μ	Sol	Anal	Newman	JACS	73 (1951)	4627
$C_{16}H_{14}O_3$	6-Methyl-2-(phenylmethoxyhydroxy) methylbenzoic acid γ-lactone	6-13 μ	Sol	Anal	Newman	JACS	73 (1951)	4627
$C_{16}H_{14}O_3$	3-Phenyl-4-methoxycoumarin	2-12 μ	Sol	Spec, Group freq	Wildi	JOC	19 (1951)	407
$C_{16}H_{14}O_3$	p-Phenylphenacyl acetate	-	-	Ident	Klohs	JACS	75 (1953)	3595
		-	-	Ident	Klohs	JACS	75 (1953)	4925
		-	-	Ident	Klohs	JACS	76 (1954)	1152
$C_{16}H_{14}O_3S_2$	bis-(2-Benzo-1,4-oxathienyl) ether	-	-	Group study, Struct	Parham	JACS	76 (1954)	1068
$C_{16}H_{14}O_4$	4-Acetoxy-2-(2-carboxy-2-propyl)-1-naphthol lactone	-	-	Group freq, Struct	Aparicio	JCS	- (1952)	4666
$C_{16}H_{14}O_4$	1-Acetoxy-1,4,11,12-tetrahydroanthraquinone	-	-	Spec	Inhoffen	CCA	29 (1957)	329

$C_{16}H_{14}O_4$	Di-(p-toluoyl) peroxide	-	Sol	Table, Group freq	Davison	JCS	- (1951)	2456
$C_{16}H_{14}O_4$	Isocoumaranone	-	-	Ident	Wasserman	JACS	75 (1953)	2056
		-	-	Band freq	Wasserman	JACS	77 (1955)	973
$C_{16}H_{14}O_4$	Phthalan peroxide	2-16 μ	S	Spec	Entel	JACS	74 (1952)	441
$C_{16}H_{14}O_5$	1-Acetoxy-8-hydroxy-1,4,11,12-tetrahydroanthraquinone	-	-	Spec	Inhoffenn	CCA	29 (1957)	329
$C_{16}H_{14}O_5$	1-Acetoxy-8-hydroxy-5,8,11,12-tetrahydroanthraquinone	-	-	Spec	Inhoffenn	CCA	29 (1957)	329
$C_{16}H_{14}O_5$	4-Acetoxy-5,10-dihydroxy-1,4,11,12-tetrahydroanthrone	-	-	Spec	Inhoffenn	CCA	29 (1957)	329
$C_{16}H_{14}O_5$	4-Acetoxy-8,10-dihydroxy-1,4,11,12-tetrahydroanthrone	-	-	Spec	Inhoffenn	CCA	29 (1957)	329
$C_{16}H_{14}O_6$	Di-(p-methoxybenzoyl) peroxide	-	Sol	Table, Group freq	Davison	JCS	- (1951)	2456
$C_{16}H_{14}O_6$	2-Naphthyl-β-D-glucofururono-lactone	2-14 μ	Sol	Spec, Band freq, Assign	Tsou	JACS	74 (1952)	5605
$C_{16}H_{15}DO_2$	erythro-2-Deutero-1,2-diphenylethyl acetate	1900-2600	L	Spec	Curtin	JACS	75 (1953)	6011
$C_{16}H_{15}DO_2$	threo-2-Deutero-1,2-diphenylethyl acetate	1900-2600	L	Spec	Curtin	JACS	75 (1953)	6011

	acetate							
$C_{16}H_{15}BrN_4O_4$	α-Bromobutyrophenone syn-2,4-dinitrophenylhydrazone	- 2-16 μ	Sol Sol	Band freq, Group freq Spec, Symmetry	Ramirez Ramirez	JACS JACS	75 (1953) 76 (1954)	6026 1037
$C_{16}H_{15}BrN_4O_4$	α-Bromobutyrophenone anti-2,4-dinitrophenylhydrazone	- 2-16 μ	Sol Sol	Band freq, Group freq Spec, Symmetry	Ramirez Ramirez	JACS JACS	75 (1953) 76 (1954)	6020 1037
$C_{16}H_{15}ClO_5$	7-Chloro-4,6-dimethoxy-6'-methylgris-2'-en-3,4'-dione	- -	S S	Ident Group freq	Mulholland Mulholland	JCS JCS	- (1952) - (1952)	3987 3984
$C_{16}H_{15}ClO_5$	7-Chloro-4,6-dimethoxy-6'-methylgris-3'-en-3,2'-dione	- -	S S	Ident Group freq	Mulholland Mulholland	JCS JCS	- (1952) - (1952)	3987 3987
$C_{16}H_{15}ClO_6$	Griseofulvic acid	700-1900 - -	- - Sol	Spec Struct Spec	Grove Grove Duncanson	JCS JCS JCS	- (1952) - (1952) - (1957)	3949 3977 3555
$C_{16}H_{15}F_3O$	Di-p-tolyl-(trifluoromethyl) carbinol	-	-	Group freq	Kaluszyner	JACS	77 (1955)	4164
$C_{16}H_{15}F_3O_3$	Di-p-methoxyphenyl-(trifluoromethyl) carbinol	-	-	Group freq	Kaluszyner	JACS	77 (1955)	4164
$C_{16}H_{15}NO$	N-Allylbenzanilide	-	-	Group freq, Struct	Lauer	JACS	76 (1954)	3974
$C_{16}H_{15}NO$	trans-2-phenyl-3-p-toluylethyleneimine	2-16 μ	S,Sol	Group freq, Spec	Cromwell	JACS	73 (1951)	1044

$C_{16}H_{15}NO$	N-o-xylylphthal-imidine	-	S	Group freq	Halt	JCS	- (1952)	199
$C_{16}H_{15}NO_2$	N-Benzoyl-8-hydroxy-1,2,3,4-tetrahydro-quinoline	-	-	Group freq	Ek	JACS	76 (1954)	5579
$C_{16}H_{15}NO_2$	Δ^{6}-10,16-Diketoiso-morphinene	2.5-10.5μ	Sol	Spec, Struct	Gates	JACS	72 (1950)	1141
$C_{16}H_{15}NO_2$	N-o-Hydroxymethyl-benzylphthal-imidine	-	Sol	Group freq	Halt	JCS	- (1952)	199
$C_{16}H_{15}NO_2$	N-Phenyl-β-benzoylpropion-amide	700-4000	S,Sol	Band assign, Struct, Taut	Cromwell	JACS	80 (1958)	4573
$C_{16}H_{15}NO_2$	2-Phenyl-4-methyl-7-methoxy-3,1,4a-benzoxazine	6-11.7μ	Sol	Table, I, Group freq, Spec	Patrick	JOC	19 (1954)	1824
$C_{16}H_{15}NO_2.HCl$	2-Phenyl-4-methyl-7-methoxy-3,1,4a-benzoxazine hydro-chloride	6-8μ	Sol	Spec, Group freq	Patrick	JOC	19 (1954)	1824
$C_{16}H_{15}NO_2$	2-Phenyl-N-piperonyl-ideneethylamine	-	Sol	Group freq	Goulden	JCS	- (1953)	997
$C_{16}H_{15}NO_3$	α-Benzoin oxime acetate	6600-7400 7000	Sol -	Spec, H bond Absorp. band	Hilbert Wulf	JACS JCP	58 (1936) 6 (1938)	548 702
$C_{16}H_{15}NO_3$	β-Benzoin oxime acetate	6900-7200 700	- -	H bond, Spec Absorp. band	Hilbert Wulf	JACS JCP	58 (1936) 6 (1938)	548 702
$C_{16}H_{15}NO_3$	4,9-Diketo-1,2,3,4,9,10,11,12-octa-hydrophenenthrene cis-10,12-lactam	-	-	Band freq	Ginsburg	JCS	- (1953)	1524

$C_{16}H_{15}NO_3$	anti-Phenyl 2-hydroxy-5-methylphenyl ketoxime acetate	6700-7200	Sol	Spec, H bond	Blatt	JACS	58 (1936)	1903
$C_{16}H_{15}NO_3S$	5,8,5a,8a-Tetrahydro-1,4-naphthoquinone monobenzenesulfonimide	-	-	Group freq	Adams	JACS	74 (1952)	2605
$C_{16}H_{15}NO_4$	2-Phenyl-4-methyl-4-hydroperoxy-7-methoxy-3,1,4a-benzoxazine	2.83-11.73μ	Sol	Table, Spec, Group freq	Patrick	JOC	19 (1954)	1824
$C_{16}H_{15}NO_4S$	1-Benzenesulphonyl-1,2,3,4-tetrahydro-7-methoxy-4-oxoquinoline	600-1700	S	Spec, Struct	Braunholtz	JCS	- (1957)	4166
$C_{16}H_{15}NO_4S$	p-Formylaminomethylphenyl benzoylmethyl sulfone	-	S	Freq	Momose	CPBT	6 (1958)	412
$C_{16}H_{15}N_3O$	Anhydro-5-acetamido-3-benzylpyridino-(1';2',1;2)glyoxalinium hydroxide	-	-	Group study	Bristow	JCS	- (1954)	616
$C_{16}H_{15}N_3O$	4-Benzylidine-3-amino-1-phenyl-5-pyrazolin-5-ol	400-4000	-	Freq, Discussion	Gagnon	CJC	37 (1959)	110
$C_{16}H_{15}N_5O_2$	1-[2',4'-(diacetamino)phenyl] benzotriazole	-	S	Band freq, H bond	O'Sullivan	JCS	- (1960)	3653

$C_{16}H_{15}N_5O_3.H_2O$	3'-Acetamido-4-acetoxy-2,2'-dimethyl-6:7-benzopteridine hydrate	-	Sol	Group freq, Struct	Osdene	JCS	- (1955)	2027
$C_{16}H_{16}$	Cyclohexadeca-1,3,9,11-tetrayene	3-15 μ	S	Spec	Wolovsky	JACS	81 (1959)	4600
$C_{16}H_{16}$	Cyclooctatetraene dimer (liq mP 14°C)	300-3800	L	Spec, Table	Lord	JACS	76 (1954)	2518
$C_{16}H_{16}$	Cyclooctatetraene dimer (solid mP 43°C)	284-3800	L	Spec, Table, I, Struct	Lord	JACS	76 (1954)	2518
$C_{16}H_{16}$	p,p'-Dimethylene-1,2-diphenylethane	3-12 μ	Sol	Spec	Cram	JACS	73 (1951)	5691
$C_{16}H_{16}$	2,2'-Dimethyl-trans-stilbene	960	Sol	Struct	Orr	SA	8 (1956)	218
$C_{16}H_{16}$	1,3-Diphenyl-1-butene	-	-	Band freq	Mayo	JACS	75 (1953)	6133
$C_{16}H_{16}$	Distyrene oil	1000-2000 800-1950	Sol -	Spec Spec	Muller Barnes	IEC IEC	13 (1941) 15 (1943)	667 659
$C_{16}H_{16}$	sym-Hexahydropyrene (3.4.5,8.9.10)	650-2000	Sol	Spec	Cannon	SA	4 (1951)	373
$C_{16}H_{16}$	unsym-Hexahydropyrene (1,2,2a,3,4,5)	650-2010	Sol	Spec	Cannon	SA	4 (1951)	373
$C_{16}H_{16}$	1-Methyl-2,3,6,7-dibenz-2,6-cycloheptadiene	2-16 μ	Sol	Spec	Cope	JACS	73 (1951)	1673

$C_{16}H_{16}$	1-Methyl-3-phenyl-indan(m.p. 9.50)	2-16 μ	-	Struct, Anal	Corson	JOC	19 (1954)	17
$C_{16}H_{16}$	1-Methyl-3-phenyl-indan (m.p.25.5°)	2-16 μ	-	Struct, Anal	Corson	JOC	19 (1954)	17
$C_{16}H_{16}$	1-Methyl-3-phenyl-indan	-	-	Band freq	Mayo	JACS	75 (1953)	6133
$C_{16}H_{16}BrN$	3'-Bromo-4'-dimethyl-aminostilbene	5-15 μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{16}H_{16}BrN$	4'-Bromo-4-dimethyl-aminostilbene	5-15 μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{16}H_{16}Br_2O_4$	1-Bromo-1- [(hydroxy-acetoxy-p-bromo-phenyl)-methyl] cyclo-hexane-2-carboxylic acid γ-lactone	2-16 μ	Sol	Spec, Iso	Bartlett	JACS	73 (1951)	4275
$C_{16}H_{16}ClN$	2-Chloro-4-dimethyl-aminostilbene	5-15 μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{16}H_{16}ClN$	2'-Chloro-4-dimethyl-aminostilbene	5-15 μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{16}H_{16}ClN$	4'-Chloro-4-dimethyl aminostilbene	5-15 μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{16}H_{16}ClNO_2$	2-Chloro-3-(2'-diethylaminovinyl) 1,4-naphthaquinone	2200-8000	Sol	Absorption band	Buckley	JCS	- (1957)	4891
$C_{16}H_{16}ClNO_4S$	4-Carbomethoxy-5, 5-dimethyl-2-thia-zolidine- α-phenoxy-β-chloroacrylic acid, γ-lactam	2.5-15 μ	Sol	Spec, Band freq	Wasserman	JACS	74 (1952)	4093

$C_{16}H_{16}Cl_2O_3Si_2$	bis-(p-Chlorophenyl-vinyl)-disiloxane-diol	-	L	Band freq, Assign	Frisch	JACS	74 (1952)	4584
$C_{16}H_{16}F_{14}O_4$	bis-2,2,3,3,4,4,4-Heptafluorobutyl suberate	-	L	Group freq	Rappaport	JACS	75 (1953)	2695
$C_{16}H_{16}N_2$	3-(1-Phenyl-2-amino-ethyl) indole	-	Sol	Group freq	Noland	JACS	77 (1955)	456
$C_{16}H_{16}N_2$	5,7,12,14-Tetrahydro-6,13-diazanaphthacene	-	-	Prep. of derivatives	Halt	JCS	- (1952)	199
$C_{16}H_{16}N_2O$	N-o-Aminomethyl-benzylphthalimidine	-	S	Group freq, Struct	Halt	JCS	- (1952)	199
$C_{16}H_{16}N_2O_2$	N,N'-Disalicylidene-ethylenediamine	-	Sol,L	H bond, Correlation	Reeves	CJC	38 (1960)	1249
$C_{16}H_{16}N_2O_2$	dl-Lysergic acid	-	-	Ident	Kornfeld	JACS	76 (1954)	5256
$C_{16}H_{16}N_2O_3$	p-Nitrobenzoyl-d-amphetamine	650-4000	-	Spec	Chatten	AC	31 (1959)	1581
$C_{16}H_{16}N_2O_3$	p-Nitrobenzoyl-dl-amphetamine	650-4000	-	Spec	Chatten	AC	31 (1959)	1581
$C_{16}H_{16}N_2O_5$	Methyl α-phthal-imidoacetamido-senecioate	2-11μ	Sol	Spec, Band freq, Struct	Sheehan	JACS	73 (1951)	4373
$C_{16}H_{16}N_4$	Fumaric dialdehyde bis-phenylhydrazone	-	-	Spec	Hufford	JACS	74 (1952)	3014
$C_{16}H_{16}N_4O_3S$	N-(phenyl-p-azo-phenyl)thio-carbamyl-dl-serine	600-4000	S	Spec	Epp	AC	29 (1957)	1283

$C_{16}H_{16}N_4O_4$	Butyrophenone syn-dinitrophenyl-hydrazone	-	Sol	Band freq, Group freq	Ramirez	JACS	75 (1953)	6026
$C_{16}H_{16}N_4O_4$	anti-Bytyrophenone-2,4-dinitrophenyl-hydrazone	2-16μ	Sol	Spec, Group freq	Ramirez	JACS	76 (1954)	1037
$C_{16}H_{16}N_4O_4$	γ-Cyano-γ-(2'-nitro-4',5'-dimethoxyphenyl) pimelonitrile	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{16}H_{16}N_4O_4$	2,4-Dimethylaceto-phenone-2,4-dinitro-phenylhydrazone	2-15μ	S	Band spec, Ident	Jones	AC	28 (1956)	191
$C_{16}H_{16}N_4O_5$	α-Methoxypropio-phenone-syn-2,4-dinitrophenyl-hydrazone	- 2-16μ	Sol Sol	Band freq Spec	Ramirez Ramirez	JACS JACS	75 (1953) 76 (1954)	6026 1037
$C_{16}H_{16}N_4O_5$	α-Phenyl-α-methoxy-acetone anti-2,4-dinitrophenylhydrazone	-	Sol	Band freq, Group freq	Ramirez	JACS	75 (1953)	6026
$C_{16}H_{16}N_4O_5$	α-Phenyl-α-methoxy-propionaldehyde anti-2,4-dinitrophenyl-hydrazone	- -	Sol Sol	Band and Group freq Group shift	Ramirez Ramirez	JACS JACS	75 (1953) 76 (1954)	6026 1037
$C_{16}H_{16}O$	Benzyl-p-methyl-acetophenone	2-16μ	S	Spec, Group freq	Cromwell	JACS	73 (1951)	1044
$C_{16}H_{16}O$	2-Methyl-1,3-diphenyl-1-propene-3-ol	-	-	Group freq	Dreiding	JACS	75 (1953)	3723
$C_{16}H_{16}O$	p-Phenylbutyro-phenone	650-4000	S,Sol	Group freq, I	Cromwell	JACS	75 (1953)	6252

$C_{16}H_{16}O_2$	7-Acetoxy-1,2,3,4-tetrahydrophenanthrene	-	S,Sol	Band freq	Scheer	JACS	77 (1955)	3300
$C_{16}H_{16}O_2$	1,2-Diphenylethyl acetate	1900-2600	L	Spec	Curtin	JACS	75 (1953)	6011
$C_{16}H_{16}O_2$	1,1-Diphenyl-1-methoxy-2-propanone	-	-	Ident	Stevens	JOC	19 (1954)	538
$C_{16}H_{16}O_2$	Ethyl diphenylacetate	2-15μ	-	Absorp. freq, Struct, Anal	Rasmussen	JACS	71 (1949)	1073
$C_{16}H_{16}O_2$	2-Methyl-4-propenylphenylphenol	2.7-3.0μ	Sol	H bond	Baker	JACS	80 (1958)	5358
$C_{16}H_{16}O_2$	3,5,3',5'-Tetramethyldiphenoquinone	763-1650 1600-1800	S Sol	Table Group freq	Brown Fuson	JCS JACS	- (1954) 76 (1954)	1280 2526
$C_{16}C_{16}O_3$	2-diacetylidene	3-14μ	S	Spec, Struct	Ott	JACS	74 (1952)	6266
$C_{16}H_{16}O_3$	2,3-Dimethyl-5-hydroxy-1,4,11,12-tetrahydroanthraquinone	-	-	Spec	Inhoffen	CCA	29 (1957)	329
$C_{16}H_{16}O_3$	Lapachol methyl ether	2-12μ	Sol	Spec	Ettlinger	JACS	72 (1950)	3666
$C_{16}H_{16}O_4$	Hydroxyisolapachol methyl ether	2-12μ	Sol	Spec	Ettlinger	JACS	72 (1950)	3666
$C_{16}H_{16}O_5$	Anisilic acid	5-7μ	-	Spec, Group freq	Wasserman	JACS	75 (1953)	2056
$C_{16}H_{16}O_5$	7,8-Dimethoxy-4'-oxocyclohepteno-(2':1'-3:4) coumarin	-	S,Sol	Band & Group freq	Loewenthal	JCS	- (1953)	3962
$C_{16}H_{16}O_6$	4,6-Dimethoxy-2'-methylgrisan-3-	-	-	Ident	MacMillan	JCS	- (1953)	1637

$C_{16}H_{16}O_6$	4,6-Dimethoxy-2'-methylgrisan-3, 4',6'-trione	-	-	Ident	MacMillan	JCS	- (1953)	1697
$C_{16}H_{16}O_6$	2,3,4-Trimethoxybenzosuber-5-ene-5,6-dicarboxylic anhydride	-	-	Spec, Freq	Koo	JACS	75 (1953)	720
$C_{16}H_{16}O_7$	2-Naphthyl-β-D-glucopyruronoside	2-14μ	Sol	Spec, Assign, Band freq	Tsou	JACS	74 (1952)	5605
$C_{16}H_{16}O_8$	3-Carboxy-4-carboxyhydroxymethyl-5,6,7-trimethoxy-1-oxo-1,2,3,4-tetrahydronaphthalene lactone	-	S	Band & Group freq	Haworth	JCS	- (1954)	3611
$C_{16}H_{16}O_8$	Phenyldiacetyl-β-D-glucofururonolactone	-	Sol	Group freq, Struct	Tsou	JACS	75 (1953)	1042
$C_{16}H_{16}O_{10}$	Pentacarbomethoxybenzene	-	S	Ident	Nes	JACS	76 (1954)	3182
		-	S	Ident	Nes	JACS	76 (1954)	3186
$C_{16}H_{16}S_2$	cis-bis-(p-Tolylmercapto) ethane	-	Sol	Band freq	Truce	JACS	76 (1954)	5745
$C_{16}H_{16}S_2$	trans-1,2-bis-(p-Tolylmercapto) ethane	-	Sol	Band freq	Truce	JACS	76 (1954)	5745
$C_{16}H_{16}BrO_4$	cis-1-[(hydroxyacetoxy-p-bromophenyl)-methyl]-cyclohexane-2-carboxylic acid γ-lactone	2-16μ	Sol	Spec	Bartlett	JACS	73 (1951)	4275

$C_{16}H_{16}BrO_4$	trans-1- [(hydroxy-acetoxy-p-bromo-phenyl)-methyl] - cyclohexane-2-carboxylic acid γ-lactone	2-16μ	Sol	Spec	Bartlett	JACS	73 (1951)	4275
$C_{16}H_{17}BrO_5$	Dihydroanhydro-monocrotalic acid, +5.60°, stereo-isomer p-bromo-phenacyl ester	700-3500	Sol	Spec	Adams	JACS	74 (1952)	694
$C_{16}H_{17}BrO_5$	Dihydroanhydro-monocrotalic acid, +60.00°, stereoisomer, p-bromophenacyl ester	700-3500	Sol	Spec	Adams	JACS	74 (1952)	694
$C_{16}H_{17}ClO_5$	7-Chloro-4,6-dimethoxy-2'-methylgrisan-3, 4'-dione	-	S	Group freq	Mulholland	JCS	- (1952)	3994
$C_{16}H_{17}ClO_5$	7-Chloro-4,6-dimethoxy-6'-methylgrisan-3, 2'-dione	-	S	Group freq	Mulholland	JCS	- (1952)	3994
$C_{16}H_{17}F_3O_7$	4:6-Benzylidene-trifluoroacetyl-α-methylglucoside	1720-1820	Sol	Spec, Struct	Bourne	JCS	- (1951)	826

$C_{16}H_{17}N$	p-Dimethylamino-phenylcycloocta-tetraene	2-16 μ	Sol	Spec	Cope	JACS	73 (1951)	3424
$C_{16}H_{17}N$	2-Dimethylamino-stilbene	5-15 μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{16}H_{17}N$	3-Dimethylamino-stilbene	5-15 μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{16}H_{17}N$	4-Dimethylamino-stilbene	5-15 μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
		-	-	Absorption, Freq assign, Struct	Katritzky	JCS	- (1959)	3674
$C_{16}H_{17}N$	4-Dimethylamino-trans stilbene	960	Sol	Struct	Orr	SA	8 (1956)	218
$C_{16}H_{17}N$	Ethylaminostilbene	5-15 μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{16}H_{17}N$	N-α-Phenylpropyl-idenebenzylamine	600-4000	-	Spec, Assign	Hidalgo	ARS	53B (1957)	491
$C_{16}H_{17}NO$	Benzoyl-d-amphet-amine	650-4000	-	Spec	Chatten	AC	31 (1959)	1581
$C_{16}H_{17}NO$	3,4-Dihydro-3-benzyl-6-methyl-1,3,2-benzoxazine	2-15 μ	S	Spec	Burke	JACS	72 (1950)	4691
$C_{16}H_{17}NO$	2,3-Diphenyl-2-ethoxyethylenimine	2.5-12 μ	Sol	Spec, Group freq, Struct	Hatch	JACS	75 (1953)	38
$C_{16}H_{17}NO$	1,2,9,10,11,12-Hexahydro-9-keto-pyrrolidine-(2':3'-4:12)phenan-threne	-	-	Group freq	Ginsberg	JCS	- (1953)	1524

$C_{16}H_{17}NO$	4-(p-Methoxyphenyl)-1-methyl-2-methylene-3-cyclohexenecarbonitrile	-	-	Band freq	Novello	JACS	76 (1954)	738
$C_{16}H_{17}NO_2$	10,16-Diketoisomorphinane	2.5-10.5μ	Sol	Spec, Struct	Gates	JACS	72 (1950)	1141
$C_{16}H_{17}NO_2$	N,N-Dimethyl-6-phenylpiperonylamine	700-1477	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{16}H_{17}NO_2$	Δ^6-10-Hydroxy-16-ketoisomorphinene	2.5-10.5μ	Sol	Spec, Struct	Gates	JACS	72 (1950)	1141
$C_{16}H_{17}NO_2$	Des-N-methyl-apo-β-erythroidine	- -	- S	Spec Struct	Boekelheide Grundon	JACS JACS	74 (1952) 75 (1953)	1866 2537
$C_{16}H_{17}NO_2$	Iso-des-N-methyl-apo-β-erythroidine	2.5-15μ	S	Spec, Group freq, Struct	Grundon	JACS	75 (1953)	2537
$C_{16}H_{17}NO_2S_2$	cis-Propenyl phenyl sulfide sulfilimine	650-1575	Sol	Spec, Anal	Tarbell	JACS	74 (1952)	48
$C_{16}H_{17}NO_2S_2$	trans-Propenyl phenyl sulfide sulfilimine	650-1575	Sol	Spec, Anal	Tarbell	JACS	74 (1952)	48
$C_{16}H_{17}NO_3$	Apo-β-erythroidine methiodide betaine	2.5-15μ	S	Spec, Group freq, Struct	Grundon	JACS	75 (1953)	2537
$C_{16}H_{17}NO_3$	Caranine	- 700-1500	- Sol	Group freq Group freq	Mason Briggs	JACS AC	77 (1955) 29 (1957)	1253 904
$C_{16}H_{17}NO_3$	Crinine	- 700-1500	- S,Sol	Group freq Group freq	Mason Briggs	JACS AC	77 (1955) 29 (1957)	1253 904

			Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{16}H_{17}NO_4$	4-Acetyl-3-(2',3'-dimethoxyphenyl)-5-hydroxyhexa-2,4-diene nitrile	-	Sol	Band freq	Walker	JACS	76 (1954)	309
$C_{16}H_{17}NO_4$	Lunine (VI)	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{16}H_{17}NO_4$	Lycorine	-	-	Ident	Wildman	JACS	76 (1954)	5815
		-	-	Ident	Mason	JACS	77 (1955)	1253
		-	S	Ident	Wildman	JACS	77 (1955)	1248
		700-1500	S	Group freq	Briggs	AC	29 (1957)	904
$C_{16}H_{17}NO_6$	2-Naphthyl-β-D-glucofururonamide	2-14μ	Sol	Spec, Group assign, Band freq	Tsou	JACS	74 (1952)	5605
$C_{16}H_{17}N_3O$	Lysergic acid amide	-	-	Ident				
$C_{16}H_{18}$	2-t-Butyldiphenyl	-	S,Sol	Band freq	Cadogan	JCS	- (1954)	3352
$C_{16}H_{18}$	3-t-Butyldiphenyl	-	S,Sol	Band freq	Cadogan	JCS	- (1954)	3352
		-	-	Anal, Freq	Rondestvedt	JACS	77 (1955)	1769
$C_{16}H_{18}$	4-t-Butyldiphenyl	-	S,Sol	Band freq	Cadogan	JCS	- (1954)	3352
		-	-	Anal, Freq	Rondestvedt	JACS	77 (1955)	1769
$C_{16}H_{18}$	4,4'-Dimethyldibenzyl	3-12μ	Sol	Spec	Cram	JACS	73 (1951)	5691
$C_{16}H_{18}$	9,10-Dimethyl-1,2,3,4-tetrahydrophenanthrene	2-15μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{16}H_{18}$	2,3-Diphenylbutane	700-3100	L,S	Spec	Richards	PRS	195 (1948)	1
		-	-	Freq, Anal	Dannley	JACS	77 (1955)	1588
		-	Sol	Freq	Potts	AC	27 (1955)	1027
$C_{16}H_{18}$	1-(o-Ethylphenyl)-1-phenylethane	2-16μ	-	Spec, Struct	Corson	JOC	19 (1954)	17

$C_{16}H_{18}$	1-(p-Ethylphenyl)-1-phenylethane	2-16 μ	-	Spec, Struct	Corson	JOC	19 (1954)	17
$C_{16}H_{18}$	9-Ethyl-1,2,3,4-tetrahydrophenanthrene	2-15 μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{16}H_{18}$	1-Isobutyl-2-phenylbenzene	15-35 μ	S	Spec, Struct, Correlation	Bentley	SA	15 (1959)	165
$C_{16}H_{18}ClN_3S$	Methylene blue	6-12 μ	-	Absorption	Anderson	JOSA	39 (1949)	49
$C_{16}H_{18}INO_5$	Methyl acronylcidinium iodide (XI)	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{16}H_{18}NOP$	Octahydro-1,4-diphenyl-1,4-azaphosphine monoxide	-	S	Group freq	Mann	JCS	- (1952)	3039
$C_{16}H_{18}NAs$	Octahydro-1,4-diphenyl-1,4-azarsine	-	-	Spec, Ident	Beeby	JCS	- (1951)	886
$C_{16}H_{18}N_2O$	4,4'-Diethylazoxybenzene	1-15 μ	S,Sol, L	Assign	Maier	ZE	62 (1958)	1020
$C_{16}H_{18}N_2O_4$	N-(2-Benzyl-4-oxazoloyl)valine	650-3700	S	Spec	Adkins	JACS	72 (1950)	5401
$C_{16}H_{18}N_2O_4S$	Benzylpenicillinic acid	3-14.5 μ	Sol	Table	Trenner	JACS	70 (1948)	2897
		5.6 μ	Sol	Anal	Coy	AC	21 (1949)	669
		2-16 μ	S	Spec	Trenner	AC	22 (1950)	405
$C_{16}H_{18}N_2O_4S$	D-benzylpenicillinic acid	2-7 μ	S	Spec, Band freq	Stavely	JACS	73 (1951)	3450

$C_{16}H_{18}N_2O_4S$	2-Phenyl-α-(3-carbomethoxy-propionylamino)-2-thiazolidine-acetic acid-β-lactam	2-11 μ	Sol	Spec, Band freq	Sheehan	JACS	73 (1951)	4376
$C_{16}H_{18}N_4$	1-Benzimine-2,6-dicyano-2,6-dimethylpiperidine	2-15 μ	-	Group freq	Overberger	JACS	77 (1955)	4097
$C_{16}H_{18}N_4O$	dl-Isolysergic acid hydrazide	-	-	Ident	Kornfeld	JACS	76 (1954)	5256
$C_{16}H_{18}N_4O_2$	2-Amino-3,3-bis-(β-cyanoethyl)-5,6-dimethoxyindolenine	-	S	Freq	Walker	JACS	77 (1955)	3844
$C_{16}H_{18}N_4O_4S$	N,N-Diacetylsulfa-methazine	-	-	Group freq	Ziegler	JACS	76 (1954)	594
$C_{16}H_{18}N_4O_4Si$	p-Trimethylsilyl-benzaldehyde-2,4-dinitrophenyl-hydrazone	-	-	Group study	Frisch	JACS	75 (1953)	1249
$C_{16}H_{18}O$	5-Benzylidene-3-methyl-2-propyl Δ^2-cyclopentenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{16}H_{18}O$	6-Benzylidene-3,5,5-trimethyl-Δ^2-cyclo-hexenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{16}H_{18}O$	Dibenzylmethylcarbinol	-	-	Spec	Michinori	BCSJ	33 (1960)	1600
$C_{16}H_{18}O$	2,4-Diphenyl-3-oxapentane	-	Sol	Freq	Potts	AC	27 (1955)	1027
$C_{16}H_{18}O$	2,4,6,8,10,12-Hexa-decaheptaenal	1400-2000	S	Spec	Blout	JACS	70 (1948)	194

$C_{16}H_{18}O$	Isopropyldiphenyl-methanol	-	-	Freq, Absorption band, Assign	Michinori	BCSJ	32 (1961)	950
$C_{16}H_{18}O$	Phenoxydihydro-exo-dicyclopentadiene	-	-	Ident	Bader	JACS	75 (1953)	5967
$C_{16}H_{18}O_2$	4-Acetyl-7-phenyl-octa-4,6-dien-3-one	1200-1800	Sol	Spec, Freq	Lacey	JCS	- (1960)	3153
$C_{16}H_{18}O_2$	p,p'-Dimethoxy-	-	-	Table, Group freq	Fuson	JACS	75 (1953)	1325
$C_{16}H_{18}O_2$	1,4-Diphenoxybutane	-	-	Ident	Kharasch	JOC	18 (1953)	575
$C_{16}H_{18}O_2$	trans-Di-(m-xylyl)-diol	3μ	-	H bond	Moriconi	JOC	22 (1957)	1651
$C_{16}H_{18}O_2$	2-Methyl-1,3-diphenyl-propane-1,3-diol	-	-	Group freq	Dreiding	JACS	75 (1953)	3723
$C_{16}H_{18}O_2S_2$	Di-(2-hydroxy-3,5-dimethylphenyl) disulphide	-	S,Sol	Config., Struct, Assign	Binder	JACS	81 (1959)	3608
$C_{16}H_{18}O_2S_2$	Di-(4-hydroxy-3,5-dimethylphenyl) disulphide	-	Sol,S	Config., Struct, Assign	Binder	JACS	81 (1959)	3608
$C_{16}H_{18}O_3S$	α-Methyl-β-phenyl-β-hydroxyethyl p-tolyl sulfone	-	-	Group study	Field	JACS	75 (1953)	5582
$C_{16}H_{18}O_3Si_2$	bis-(Phenylvinyl) disiloxanediol	-	-	Band freq, Assign	Frisch	JACS	74 (1952)	4584
$C_{16}H_{18}O_4$	3,6-Di-(2-carboxy-2-propyl)-2,5-dimethylquinol diacetone	-	Sol	Group freq, Struct	Aparicio	JCS	- (1952)	4666

$C_{16}H_{18}O_4$	all trans-Dimethyl tetradeca-2,4,6,8, 10,12-hexaenedioate	- -	S S	Ident Group freq, I	Shaw Allan	JCS JCS	- (1954) - (1955)	3217 1874
$C_{16}H_{18}O_4$	Methyl cyclohexane spiro-3-(3,4-dihydro-isocoumarin-4-carboxy-late)	-	Sol	Group freq, Struct	Loewenthal	JCS	- (1952)	4799
$C_{16}H_{18}O_6$	4-Acetyl-3-(2',3'-dimethoxyphenyl)-5-hydroxyhexa-2,4-dienoic acid	-	Sol	Band freq	Walker	JACS	76 (1954)	309
$C_{16}H_{18}O_8$	2-Carbomethoxy-4,6-dimethoxycoumaran-3-one-2-β-butyric acid	-	S,Sol	Group freq, Band freq, H bond	MacMillan	JCS	- (1953)	1697
$C_{16}H_{18}O_8$	4-Diacetoxymethyl-3,7-dimethoxy-6-methylphthalide	-	S	Group freq	Grove	JCS	- (1952)	3345
$C_{16}H_{18}O_9$	Chlorogenic acid	1-15μ	S	Spec	Barnes	JACS	72 (1950)	4178
$C_{16}H_{18}O_9$	Isochlorogenic acid	1-15μ	-	Spec	Barnes	JACS	72 (1950)	4178
$C_{16}H_{19}ClO_5$	7-Chloro-4'-hydroxy-4,6-dimethoxy-2'-methylgrisan-3-one	-	S	Group freq	Mulholland	JCS	- (1952)	3994
$C_{16}H_{19}NO$	16-Ketoisomorphinane	2.5-10.5μ	Sol	Spec, Struct	Gates	JACS	72 (1950)	1141
$C_{16}H_{19}NO$	8-Oxoerythrinane	-	-	Group freq	Belleau	JACS	75 (1953)	5765
$C_{16}H_{19}NO$	dl-ϕ-Phenylephe-drine	600-1600	Sol	Spec	Kanzawa	BCSJ	29 (1956)	398

$C_{16}H_{19}NO$	dl-d-Phenylephedrine	600-1600	Sol	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{16}H_{19}NO.HCl$	d-Phenylephedrine hydrochloride	600-1600	S	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{16}H_{19}NO.HCl$	dl-Phenylephedrine hydrochloride	600-1600	S	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{16}H_{19}NO_2$	Dihydro-des-N-methylapo-β-erythroidine	-	-	Group freq, Struct	Grundon	JACS	75 (1953)	2537
$C_{16}H_{19}NO_2$	10-Hydroxy-16-keto-isomorphinane	2.5-10.5μ	Sol	Spec, Struct	Gates	JACS	72 (1950)	1141
$C_{16}H_{19}NO_2S_2$	n-Propyl phenyl sulfide sulfilimine	650-1575	Sol	Spec, Anal	Tarbell	JACS	74 (1952)	48
$C_{16}H_{19}NO_3$	2-(2-carboxy-2-propyl)-4-(2-cyano-2-propoxy)-3,6-dimethylphenol lactone	-	-	Group freq	Aparicio	JCS	- (1952)	4666
$C_{16}H_{19}NO_3$	α-Erythroidine	2.5-15μ	S	Struct, Group freq, Spec	Boekelheide	JACS	7 (1953)	2550
$C_{16}H_{19}NO_3.HCl$	α-Erythroidine hydrochloride	2.5-15μ -	S -	Spec Band study	Bockelheide Godfrey	JACS JACS	75 (1953) 77 (1955)	2563 3342
$C_{16}H_{19}NO_3.HCl$	β-Erythroidine hydrochloride	2.5-15μ -	S -	Spec Band study	Bockelheide Godfrey	JACS JACS	75 (1953) 77 (1955)	2563 3342
$C_{16}H_{19}NO_3$	Lunacrine(V)	1450-4000	S,Sol	Freq	Price	AJC	12 (1959)	589
$C_{16}H_{19}NO_3$	1-Phenyl-4-ethyl-4-n-butyl-2,3,5-pyrrolidinetrione	-	-	Spec	Skinner	JACS	72 (1950)	5569

$C_{16}H_{19}NO_3$	1-(2-Phenylethyl)-4,4-diethyl-2,3,5-pyrrolidinetrione	-	-	Spec	Skinner	JACS	72 (1950)	5569
$C_{16}H_{19}NO_3S$	N-Benzenesulfonylephedrine	650-4000	-	Spec	Chatten	AC	31 (1959)	1581
$C_{16}H_{19}NO_4$	Benzoylecgonine	2-15μ	S	Spec	Findlay	JACS	76 (1954)	2855
$C_{16}H_{19}N_2O_4P$	N-Dibenzylphosphonylglycine	3-15μ	L,S	Spec, Freq, Group freq	Li	JACS	77 (1955)	3519
$C_{16}H_{19}N_3$	4-Dimethylaminoazobenzene	600-1700	S	Spec, Freq	LeFevre	AJC	10 (1957)	26
$C_{16}H_{19}N_3O_3$	Isofebrifugine	-	-	Group freq, Struct, Ident	Baker	JOC	18 (1953)	178
$C_{16}H_{19}N_3O_3.H_2O.2HCl$	3 [β-Keto-γ-(3-hydroxy-2-piperidyl)propyl] 4-quinazolone dihydrochloride	-	-	Ident	Baker	JOC	17 (1952)	132
$C_{16}H_{19}N_3O_3.2HCl$	(d-3-[β-Keto-(3-hydroxy-2-piperidyl)propyl] 4-quinazolone dihydrochloride	650-4000 650-4000	- -	Spec, Ident Group study	Ablondi Baker	JOC JOC	17 (1952) 18 (1953)	14 178
$C_{16}H_{20}$	1,2,3,4,5,8-Hexamethylnaphthalene	2-16μ	S	Spec	Mosby	JACS	74 (1952)	2564
$C_{16}H_{20}$	5-[10]-Paracyclophyne	-	-	Freq	Cram	JACS	77 (1955)	4090
$C_{16}H_{20}ClNO_6$	Ethyl 2-(2',2'-dicarbethoxy)-ethyl-6-chloronicotinate	-	Sol	Band freq, I	Ramirez	JACS	77 (1955)	1035

$C_{16}H_{20}N_2$	2,5-Dicyano-2,5-dimethyl-3-phenylhexane	-	-	Group & Band fre	Gingras	JCS	- (1954)	3508
$C_{16}H_{20}N_2$	N,N'-Dimethyl-p,p'-diaminobibenzyl	-	-	Table	Fuson	JACS	75 (1953)	1327
$C_{16}H_{20}N_2$	2,4,6-Octatrienal-azine	1400-2000	S	Spec	Blout	JACS	70 (1948)	194
$C_{16}H_{20}N_2O.2HBr$	5-Methyl-7-(1-piperidylmethyl)-8-quinolinol dihydrobromide	-	-	Struct	Edgerton	JACS	74 (1952)	5209
$C_{16}H_{20}N_2O_2$	2,5-Dimethylquinol di-(2'-cyano-2'-propyl)ether	-	-	Group freq	Aparicio	JCS	- (1950)	4666
$C_{16}H_{20}N_2O_3$	4-N,N-Dipropyl-amido-7-methyl-isatin	1500-3500	S,Sol	Freq, Assign, Struct	Sadler	JCS	- (1959)	667
$C_{16}H_{20}N_2O_4$	D-4,4'-Dicarboxy-1,1',3,3',5,5'-hexamethyl-2,2'-bipyrryl	700-1800	S	Spec	Webb	JOC	18 (1953)	1413
$C_{16}H_{20}N_2O_4$	dl-4,4'-Dicarboxy-1,1',3,3',5,5'-hexamethyl-2,2'-bipyrryl	700-1800	S	Spec	Webb	JOC	18 (1953)	1413
$C_{16}H_{20}N_2O_9$	Methyl cladinoside 3,5-dinitrobenzoate	-	-	Group study	Flynn	JACS	76 (1954)	3121

	3,5-dinitrobenzoate				Flynn	JACS	76 (1954)	3121
$C_{16}H_{20}O$	5,6,7,7a,8,9,10,11,12,12a-Decahydro-5-ketobenzo[a]heptalene	2-12μ	-	Spec	Gutsche	JACS	73 (1951)	786
$C_{16}H_{20}O$	1,4,5,6,7,8,9,10,11,12-Decahydro-5-oxo-2,3-benzoheptalene	-	-	Group freq	Ginsberg	JCS	- (1954)	2361
$C_{16}H_{20}O$	1,14-Dimethyl-2-keto-$\Delta^{1(11),6,9}$-Octahydrophenanthrene	2-12μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{16}H_{20}O$	6-Keto-4-[10]-paracyclophene	-	-	Freq	Cram	JACS	77 (1955)	4090
$C_{16}H_{20}O_2$	1,4-(5',6'-Diketodecamethylene) benzene	-	Sol	Group freq	Cram	JACS	76 (1954)	2743
$C_{16}H_{20}O_2$	trans-2,4,6,12,14-Hexadecapentaen-9-yne-8,11-diol	-	S	Group freq, I	Allan	JCS	- (1955)	1874
$C_{16}H_{20}O_2$	1,4-(5-Hydroxy-6'-$\Delta^{4'}$-decamethylene) benzene	-	Sol	Group freq	Cram	JACS	76 (1954)	2743
$C_{16}H_{20}O_2$	1-Keto-7-methoxy-12-methyl-1,2,3,4,9,10,11,12-octahydrophenanthrene	-	-	Band freq	Stork	JACS	73 (1951)	3544
$C_{16}H_{20}O_2$	9-Keto-7-methoxy-12-methyl-1,2,3,4,9,10,11,12-octahydrophenanthrene	-	-	Group freq, Struct	Deno	JOC	19 (1954)	2015

$C_{16}H_{20}O_2$	2-[β-m-methoxyphenethyl]-3-methyl-Δ^2-cyclohexenone	-	-	Freq	Stork	JACS	73 (1951)	3544
$C_{16}H_{20}O_3$	2-Benzoylcycloheptylacetic acid	-	-	Group freq	Ginsberg	JCS	- (1954)	2361
$C_{16}H_{20}O_4$	2-(2',3',4'-Trimethoxyphenyl)cyclohept-2-enone	-	L	Group freq	Ginsberg	JACS	76 (1954)	3628
$C_{16}H_{20}O_5$	Glaucanol	-	-	Group study	Ham	JACS	76 (1954)	6066
$C_{16}H_{20}O_7$	3-Acetyl-4:6-benzylidene-α-methylglucoside	1720-1820	Sol	Spec, Struct, Group freq	Bourne	JCS	- (1951)	826
$C_{16}H_{20}O_7$	Methyl picrotoxate	2-16μ	S	Spec, Band freq	Conroy	JACS	74 (1952)	491
$C_{16}H_{20}Si$	Diphenyl-n-butylsilane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{16}H_{20}Si$	Di-β-phenylethylsilane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{16}H_{21}N$	Erythrinane	-	-	Band study	Belleau	JACS	75 (1953)	5765
$C_{16}H_{21}N$	5,5-Dimethyl-3-isopropylidene-2-m-tolylpyrroline	6.39μ	Sol	Freq	Meyers	JOC	24 (1959)	1233
$C_{16}H_{21}N$	5,5-Dimethyl-3-isopropylidene-2-o-tolylpyrroline	6.39μ	Sol	Freq	Meyers	JOC	24 (1959)	1233
$C_{16}H_{21}N$	5,5-Dimethyl-3-isopropylidene-2-p-tolylpyrroline	6.39μ	Sol	Freq	Meyers	JOC	24 (1959)	1233

	p-tolylpyrroline							
$C_{16}H_{21}NO$	N-Benzoylcamphenilylamine	-	-	Ident	Vaughan	JACS	75 (1953)	3168
$C_{16}H_{21}NO_2$	3-Acetyl-1,2,3,3a,4,8b-hexahydro-1-hydroxy-1,4,8b-trimethylcyclopent [b] indole	-	-	Group study	Robinson	JCS	- (1953)	2596
$C_{16}H_{21}NO_2$	N-Cyclohexyl-β-benzoylpropionamide	700-4000	S,Sol	Band assign, Struct, Taut	Cromwell	JACS	80 (1958)	4573
$C_{16}H_{21}NO_2$	2-(β-Phenylacetamidoethyl)cyclohexanone	-	-	Group freq	Belleau	JACS	75 (1953)	5765
$C_{16}H_{21}NO_3$	Dihydro-β-erythroidine	2.5-15 μ	S	Spec, Group freq, Struct	Boekelheide	JACS	75 (1953)	2550
		-	-	Group freq, Struct	Weinstock	JACS	75 (1953)	2546
$C_{16}H_{21}NO_4$	4-Hydroxy-3-(2'-hydroxyisoamyl)-8-methoxy-1-methyl-2-quinolone	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{16}H_{21}NO_7S$	Monocrotaline sulfite	600-4000	S	Spec, Struct	Adams	JACS	74 (1952)	5612
$C_{16}H_{21}NO_7S.HCl$	Monocrotaline sulfite hydrochloride	600-4000	-	Spec, Struct	Adams	JACS	74 (1952)	5876
$C_{16}H_{21}N_5O_8S$	5-Nitroso-6-amino-4-triacetyl-D-xylosidamino-2-methylthiopyrimidine	1450-1800	S	H bond, Spec	Brownlie	JCS	- (1948)	2265
		2-15 μ	-	Spec assign	Brownlie	JCS	- (1950)	3062

$C_{16}H_{22}$	9-Ethyl-1,2,3,4,5,6,7,8-octahydrophenanthrene	2-15μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{16}H_{22}$	cis-5- [10] Paracyclophene	-	-	Group freq	Cram	JACS	77 (1955)	4090
$C_{16}H_{22}$	2-Phenyl-2,6-dimethylbicyclo [3.2.1] octane	670-2150	Sol	Spec	Ipatieff	JOC	17 (1952)	143
$C_{16}H_{22}Cl_2N_2O_2$	2,5-Dichloro-3-butylamino-6-(2-butylaminovinyl) benzoquinone	-	Sol	Absorption	Buckley	JCS	- (1957)	4891
$C_{16}H_{22}N_2O_2$	Ethyl α-(N-ethyl-N-γ'-cyanopropylamino) phenylacetate	-	-	Group freq	Leonard	JACS	75 (1953)	3727
$C_{16}H_{22}O$	o-Bornylphenol	1050-1800	-	Absorp freq, Spec	Barnes	IEC	15 (1943)	659
$C_{16}H_{22}O$	p-Bornylphenol	1050-1800	-	Absorp freq, Spec	Barnes	IEC	15 (1943)	659
$C_{16}H_{22}O$	(10-p)cyclophanone-1	-	Sol	Group freq	Schubert	JACS	76 (1954)	5462
$C_{16}H_{22}O$	1,14-Dimethyl-2-keto-$\Delta^{1(12),6}$-decahydroanthracene	2-12μ	Sol	Band freq	Woodward	JACS	74 (1952)	4223
$C_{16}H_{22}O$	2-Isobornylphenol	3μ band	L,S, Sol	H bond	Sears	JACS	70 (1949)	4110
$C_{16}H_{22}OSi_2$	Ethylphenylsiloxyphenylethylsilane	2050-2250	S	Freq, Struct	Smith	SA	15 (1959)	412
$C_{16}H_{22}O_2$	5,8-Dimethoxy-1,2,3,4,4a,9,10,10a-octahydrophenanthrene	7.98-9.39μ	Sol	Band freq, I	Barnes	JACS	75 (1953)	3004

	4,4a,9,10,10a-octa-hydrophenanthrene			Band freq, I	Barnes	JACS	75 (1953)	3004
$C_{16}H_{22}O_2$	2-(α-Isopropoxy-benzyl)cyclohexa-none	5.84-14.09μ	S	Table, I	Dreiding	JACS	76 (1954)	3965
$C_{16}H_{22}O_2$	2-Methyl-2-[2-methyl-2-(2-cyclo-hexen-1-ylidene) ethyl] 1,3-cyclo-hexanedione	1150-1750	Sol	Spec, Assign	Ananchenko	IANS	- (1960)	1644
$C_{16}H_{22}O_2$	1'-Spirocyclohexyl-(2',3'-2,3)-(1,4-dimethoxybenzo) cyclopentane	7.53-10.37μ	Sol	Band freq	Barnes	JACS	75 (1953)	3004
$C_{16}H_{22}O_2S_2$	meso-3,4-Di-(5-methoxy-2-thienyl) hexane	3-14.5μ	S	Band freq, Group freq	Sice	JACS	75 (1953)	1628
$C_{16}H_{22}O_3$	3,3-Dimethyl-2-keto-butyl mesitoate	-	L	Group freq	Leonard	JACS	77 (1955)	3272
$C_{16}H_{22}O_3$	1,14-Dimethyl-2-keto-6,7-dihydroxy $\Delta^{1(11),9}$-decahydro-phenanthrene	2-12μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{16}H_{22}O_3$	2-Methyl-2-[2-(2-methyl-3-oxo-1-cyclohexenyl)ethyl] 1,3-cyclohexanedione	1550-1750	Sol	Spec, Association	Ananchenko	IANS	- (1960)	1644
$C_{16}H_{22}O_4$	Dibutyl phthalate	1000-1800	-	Spec	Barnes	IEC	15 (1943)	659
		2-14μ	L	Spec	Kapff	JCP	16 (1948)	446
		1740	Sol	Absorp band, Freq	Hampton	AC	21 (1949)	914
		3-15μ	L,S	Low temp.	Walsh	JCP	18 (1950)	552
		2-15μ	L	Band freq, I, Spec	Kendall	APS	7 (1953)	179
		2-15μ	Sol	Spec, Anal, Group freq	Pristera	AC	25 (1953)	844

$C_{16}H_{22}O_4$	7,7'-Dicyclohexyl-7, 7'-butadiyn-6,6'-dihydroperoxide	-	-	Group freq	Milas	JACS	75 (1953)	5970
$C_{16}H_{22}O_5$	2-Hydroxy-2-(2',3', 4'-trimethoxyphenyl) cycloheptanone	-	L	Group freq	Ginsberg	JACS	76 (1954)	3628
$C_{16}H_{22}O_5$	2,2,3-Trimethyl-3-amyl-o-perphthalate	5-15 μ	Sol	Spec, Group study	Minkoff	PRS	224 (1954)	176
$C_{16}H_{22}O_6$	Di-t-butyl perphthalate	-	Sol	Table, Group freq	Davison	JCS	- (1951)	2456
		665-5000	Sol	Freq	Ory	AC	32 (1960)	509
$C_{16}H_{22}O_8$	Coniferin	600-4000	-	Spec, Group freq	Herzert	JOC	25 (1960)	405
$C_{16}H_{22}O_{10}$	scyllo-Quercitol pentaacetate	-	S	Group & Band freq	Barker	JCS	- (1954)	4211
$C_{16}H_{22}O_{10}$	l-ribo-Quercitol pentaacetate	-	S	Group & Band freq	Barker	JCS	- (1954)	4211
$C_{16}H_{22}O_{11}$	Pentaacetyl-α-D-galactose	2-15 μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953)	1463
$C_{16}H_{22}O_{11}$	Pentaacetyl-β-D-galactose	2-15 μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953)	1463
		-	S	Band freq, I	Barker	JCS	- (1954)	3468
$C_{16}H_{22}O_{11}$	1,2,3,4,6-Penta-O-acetyl-α-D-glucopyranose	-	S	Band freq, I	Barker	JCS	- (1954)	3468
$C_{16}H_{22}O_{11}$	Pentaacetyl-α-D-gulose	8-15 μ	S	Spec	Kuhn	AC	22 (1950)	276
		7.5-15 μ	S	Spec, Anal	Bonner	JACS	73 (1951)	2659
		2-15 μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953)	1463
		-	S	Group & Band freq, I	Barker	JCS	- (1954)	4211
		800-3000	S	Freq	Barker	N	186 (1960)	307

		800-3000	S	Freq	Barker	N	186 (1960)	307
$C_{16}H_{22}O_{11}$	Pentaacetyl-β-D-glucose	8-15μ	S	Spec	Kuhn	AC	22 (1950)	276
		7.5-15μ	S	Spec, Anal	Bonner	JACS	73 (1951)	2659
		5-13μ	Sol	Spec	Tsou	JACS	74 (1952)	3066
		2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953)	1463
		-	S	Band freq, I	Barker	JCS	- (1954)	3468
		800-3000	S	Freq	Barker	N	186 (1960)	307
$C_{16}H_{22}O_{11}$	Pentaacetyl-α-D-mannose	2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953)	1463
$C_{16}H_{22}O_{11}$	Pentaacetyl-β-D-mannose	2-15μ	Sol	Anal, Band freq, I	Whistler	AC	25 (1953)	1463
		-	S	Band freq, I	Barker	JCS	- (1954)	3468
$C_{16}H_{22}O_{11}$	Pentaacetyl-α-D-talopyranose	2-15μ	S	Spec, Config.	Isbell	JRNB	57 (1956)	179
$C_{16}H_{23}ClO_2$	2,4-Di-t-butyl-6-chlorophenyl acetate	2.5-15.5μ	Sol	Spec	Wright	APS	9 (1955)	105
$C_{16}H_{23}NO_2$	N-Cyclohexyl-γ-hydroxy-γ-phenyl-butyramide	1500-3500	S,Sol	Band assign, Struct	Cromwell	JACS	80 (1958)	4573
$C_{16}H_{23}NO_2$	Des-N-methyldihydro-β-erythroidinol	-	-	Ident	Boekelheide	JACS	75 (1953)	2558
		-	-	Group freq, Struct	Weinstock	JACS	75 (1953)	2546
$C_{16}H_{23}NO_3$	Tetrahydro-β-erythroidine	-	-	Group freq, Iso	Boekelheide	JACS	75 (1953)	2550
$C_{16}H_{23}NO_4$	N-Carbethoxymethyl-N-γ-carbethoxypropylaniline	-	-	Group freq	Leonard	JACS	75 (1953)	3727
$C_{16}H_{23}NO_6$	Monocrotaline	-	-	Band & Group freq	Adams	JACS	74 (1952)	5612
		600-4000	Sol	Spec	Adams	JACS	74 (1952)	5876
$C_{16}H_{23}NO_7S$	Dihydromonocrotaline sulfite	600-4000	-	Spec, Struct	Adams	JACS	74 (1952)	5612
		600-4000	-	Spec, Struct	Adams	JACS	74 (1952)	5876

$C_{16}H_{23}NO_7S.HCl$	Dihydromonocrotaline sulfite hydrochloride	600-4000	-	Spec, Struct	Adams	JACS	74 (1952)	5612
		600-4000	-	Spec, Struct	Adams	JACS	74 (1952)	5876
$C_{16}H_{23}NO_{10}$	2-Acetamido-1,3,4,6-tetra-8-acetyl-2-deoxy-α-D-gluco-pyranose	-	S	Band freq, I	Barker	JCS	- (1954)	3468
		-	S	Group & Band freq, I	Barker	JCS	- (1954)	4211
$C_{16}H_{24}$	1,4-Decamethylene-benzene	-	L	Group study	Cram	JACS	76 (1954)	2743
		-	-	Freq	Cram	JACS	77 (1955)	4090
$C_{16}H_{24}N_2O_2$	N,N,N',N'-Tetraallyl-succinamide	-	-	Group study	Butler	JACS	77 (1955)	1767
$C_{16}H_{24}O$	1-Cyclohexylidene-2-(5'-methoxy-2'-methyl-enecyclohexylidene-1) ethane	-	-	Freq	Milas	JACS	77 (1955)	4180
$C_{16}H_{24}O$	Heptyl p-xylyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{16}H_{24}O$	Nonyl phenyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{16}H_{24}O$	1,2,3,4,5,6,8,9,10,11,12,5a,12a,12b-Tetra-decahydro-6-oxodicyclo-hepta [a,c] benzene	-	Sol	Group freq	Rosenfelder	JCS	- (1954)	2955
$C_{16}H_{24}O_2$	1,4-(5',6'-Dihydroxy-decamethylene)benzene (mp 101-2°)	-	Sol	Group freq	Cram	JACS	76 (1954)	2743
$C_{16}H_{24}O_2$	1,4-(5',6'-Dihydroxy-decamethylene)benzene-(mp 102-3°)	-	Sol	Group freq	Cram	JACS	76 (1954)	2743

(mp 102-3°)

$C_{16}H_{24}O_2$	2-(3,7-Dimethyl-2, 6-octadienyl)-1,3-cyclohexanedione	1550-1750	Sol	Spec, Assign	Ananchenko	IANS	- (1960)	1644
$C_{16}H_{24}O_2$	4a,7-Dimethyl-1,2,3, 4,4a,4bα,5,6,7,8,8aβ 9,10,10aα-tetradeca-hydro-2,8-phenanthr-enedione	-	-	Ident, Config.	Renfrow	JACS	75 (1953)	1347
$C_{16}H_{24}O_2$	trans-anti-trans-4a, 7-dimethyltetradeca-hydro-2,8-phenan-threnedione	-	-	Ident, Config.	Renfrow	JACS	75 (1953)	1347
$C_{16}H_{24}O_3$	Methyl oxoaristate	-	-	Group freq	Stenlake	JCS	- (1955)	2114
$C_{16}H_{24}O_4$	Cyclohexyl fumarate	2-16μ	L,Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{16}H_{24}O_4$	Cyclohexyl maleate	2-16μ	L,Sol	Spec, Ident	Walton	AC	28 (1956)	1388
$C_{16}H_{24}O_4$	Dihydropseudosantonin methyl ester	1600-1800	Sol	Spec, Group freq, Struct	Dauben	JACS	75 (1953)	3352
$C_{16}H_{24}O_4$	6-Methyl-7-vinylidene-hendecan-6-ol-5,5-dicarboxylic acid lactone	2-16μ	S	Spec, Struct,	Wotiz	JOC	20 (1955)	155
$C_{16}H_{25}Cl_3OSi$	Trichlorosilyldecyl phenyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{16}H_{25}N$	p-Dimethylaminophenyl-cyclooctane	2-16μ	Sol	Spec	Cope	JACS	73 (1951)	3424
$C_{16}H_{25}NO$	Benzo[c]-1-methyl-7-hydroxyazacyclodo-decane	-	Sol	Group freq	Leonard	JACS	76 (1954)	3193
$C_{16}H_{25}NO$	Neoherculin	-	-	Group freq, Struct	Crombie	JCS	- (1955)	995

$C_{16}H_{25}NO_5$	1-(4'-Methylcyclohexyl)-4,4-dicarbethoxy-2-azetidinone	2-11μ	Sol	Spec	Sheehan	JACS	73 (1951)	1761
$C_{16}H_{25}NO_6$	Desoxyretrone cinemonocrotalate	600-4000	S	Spec	Adams	JACS	74 (1952)	5612
		600-4000	S	Spec	Adams	JACS	74 (1952)	5876
$C_{16}H_{25}N_3$	1-6-cyanosparteine	-	Sol	Group freq	Leonard	JACS	77 (1955)	1552
$C_{16}H_{25}N_3.HI$	1-6-cyanosparteine hydriodide	-	-	Band freq	Leonard	JACS	77 (1955)	1552
$C_{16}H_{26}$	1,4-Bis-(n-pentyl) benzene	-	-	Band study	Cram	JACS	76 (1954)	2743
$C_{16}H_{26}$	n-Decylbenzene	15-35μ	S	Spec, Struct, Correlation	Bentley	SA	15 (1959)	165
$C_{16}H_{26}$	2-Phenyldecane	2-15.5μ	L	Spec, Struct, Ident	Lenmanan	JOC	19 (1954)	468
$C_{16}H_{26}O$	Allyl-β-ionol	-	-	Group freq	Oroshnik	JACS	76 (1954)	2325
$C_{16}H_{26}O$	2,6-Di-t-butyl-4-ethylphenol	-	-	Freq shift	Coggeshall	JACS	69 (1947)	1620
		-	Sol	Spec	Goddu	JACS	82 (1960)	4533
		650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294
$C_{16}H_{26}O$	2,4-Dimethyl-6-t-octylphenol	3μ	Sol	H bond	Sears	JACS	71 (1949)	4110
$C_{16}H_{26}O_2$	2,6-Di-t-butyl-4-ethoxyphenol	3μ	Sol	H bond	Sears	JACS	71 (1949)	4110
$C_{16}H_{26}O_2$	2-(3,7-Dimethyl-2-octenyl)-1,3-cyclohexanedione	1550-1750	Sol	Spec, Assign	Ananchinko	IANS	- (1960)	1644
$C_{16}H_{26}O_2$	1,4-bis-(1-Hydroxycyclohexyl)-trans-1, trans-3-butadiene	-	L	Group freq, I	Allan	JCS	- (1955)	1874

$C_{16}H_{26}O_3$	2-t-Butylperoxy-4-t-butyl-2,6-dimethyl-cyclohexa-3,5-dienone	5.7-6.2 μ	Sol	Group study	Bickel	JCS	-	(1953)	3211
$C_{16}H_{26}O_3$	4-t-Butylperoxy-2-t-butyl-4,6-dimethyl-cyclohexa-2,5-dienone	5.7-6.2 μ	Sol	Group study	Bickel	JCS	-	(1953)	3211
$C_{16}H_{26}O_3$	4-t-Butylperoxy-4-t-butyl-2,6-dimethyl-cyclohexa-2,5-dienone	5.7-6.2 μ	Sol	Group study	Bickel	JCS	-	(1953)	3211
$C_{16}H_{26}O_4$	Diallyl sebacate	1050-1800 -	- Sol	Absorption freq, Spec Group freq	Barnes Davison	IEC JCS	15 -	(1943) (1953)	659 2607
$C_{16}H_{26}O_4$	Tetraacetyloctane	2.5-6.5 μ	Sol	Freq assign	Martin	JACS	81	(1959)	130
$C_{16}H_{26}O_4$	Tetrahydropseudos-antonin methyl ester	1650-1800	Sol	Spec, Group freq, Struct	Dauben	JACS	75	(1953)	3352
$C_{16}H_{26}O_5$	2,2'-Dihydroxydicyclo-heptyl ether diformate	-	-	Ident	Cope	JACS	76	(1954)	279
$C_{16}H_{26}O_9$	Hexaethyleneglycol maleate	1150-1800	S	Spec	Barnes	IEC	15	(1943)	659
$C_{16}H_{28}N_2$	1,4-bis-(Diallylamino) butane	-	-	Group indic	Butler	JACS	77	(1955)	1767
$C_{16}H_{28}N_2$	l-6-Methylsparteine	-	Sol	Band freq	Leonard	JACS	77	(1955)	1552
$C_{16}H_{28}N_2.HClO_4$	l-6-Methylsparteine perchlorate	-	Sol	Band study	Leonard	JACS	77	(1955)	1552
$C_{16}H_{28}N_4O_4S$	Biocytin	2-16 μ	-	Spec	Peck	JACS	74	(1952)	1999
$C_{16}H_{28}OSi$	Trimethylsilylheptyl phenyl ether	-	-	Inductive effect	Josien	CPR	249	(1959)	826

$C_{16}H_{28}O_4$	Hexahydropseudos-antonin methyl ester	1600-1800	Sol	Spec, Group freq, Struct	Dauben	JACS	75 (1953)	3352
$C_{16}H_{28}O_4$	Lauryl fumarate	2-15μ	L	Assign, Discussion	Walton	JACS	79 (1957)	3985
$C_{16}H_{28}Si$	Phenyl-n-decylsilane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{16}H_{29}N$	N-(1,3-Dimethylbutyl)-2-isopropyl-4-methyl-cyclohexenimine	-	-	Band freq	Smith	JACS	75 (1953)	3316
$C_{16}H_{29}NO$	N-Isobutyl-cis-2-cis-8-dodecadienamide	2.5-14μ	L	Spec	Crombie	JCS	- (1952)	2997
$C_{16}H_{29}NO$	N-Isobutyl-cis-2-trans-8-dodecadienamide	2.5-14μ	L	Spec	Crombie	JCS	- (1952)	2997
$C_{16}H_{29}NO$	N-Isobutyl-trans-2-cis-8-dodecadienamide	2.5-14μ	L	Spec	Crombie	JCS	- (1952)	2997
$C_{16}H_{29}NO$	N-Isobutyl-trans-2-trans-8-dodecadien-amide	2.5-14μ	L	Spec	Crombie	JCS	- (1952)	2997
$C_{16}H_{29}NO_2$	Dicyclohexylamine-2-butyne-1,4-diol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{16}H_{30}$	cis-Bicyclo [10,2,2] hexadecane	-	-	Band freq	Cram	JACS	76 (1954)	2743
$C_{16}H_{30}$	1,1-Dicyclohexyl-butane	- 15-35μ	- S	Band freq, Absorbance Spec, Struct, Correlation	Bomstein Bentley	AC SA	25 (1953) 15 (1959)	512 165
$C_{16}H_{30}$	1,2-Dicyclohexylbutane	-	-	Band freq, Absorbance	Bomstein	AC	25 (1953)	512
$C_{16}H_{30}$	1,3-Dicyclohexyl-	-	-	Band freq, Absorbance	Bomstein	AC	25 (1953)	512

$C_{16}H_{30}$	1,3-Dicyclohexyl-	-	-	Band freq, Absorbance	Bomstein	AC	25 (1953)	512
$C_{16}H_{30}$	1,4-Dicyclohexylbutane	-	-	Band freq, Absorbance	Bomstein	AC	25 (1953)	512
$C_{16}H_{30}$	2,2-Dicyclohexylbutane	-	-	Band freq, Absorbance	Bomstein	AC	25 (1953)	512
$C_{16}H_{30}$	9-Vinyl-6-tetradecene	-	-	Struct, Ident	Bateman	JCS	- (1950)	941
$C_{16}H_{30}N_4O_5$	Glycyl-L-eucylglycyl-L-leucine	650-4000	S	Spec, Struct	Blout	JACS	74 (1952)	1946
$C_{16}H_{30}N_6O_8$	1,7-Dicyclohexoxy-2,4,6-trinitro-2,4,6-triazoheptane	2-15 μ	S	Spec, Char. freq	Lieber	AC	23 (1951)	1594
$C_{16}H_{30}O$	Cyclohexadecanone	-	S	Group freq	Blomquist	JACS	77 (1955)	1804
$C_{16}H_{30}O$	ω-Cyclohexylamyl S-butyl ketone	-	-	Group freq	Pickard	JACS	76 (1954)	5169
$C_{16}H_{30}O_2$	Palmitoleic acid	2-15 μ	L	Spec	Hanahan	JACS	74 (1952)	5070
$C_{16}H_{30}O_4$	Diethyl decamethylene-dicarboxylate	670-3500	L	Spec, Config.	Corish	JCS	- (1958)	927
$C_{16}H_{30}O_4$	2,5-Dimethyl-2,5-di-(t-butylperoxy)hexyne-3	2-6 μ	-	pec	Milas	JACS	74 (1952)	1471
$C_{16}H_{30}O_4$	Dioctanoyl peroxide	-	-	Group freq	Davison	JCS	- (1951)	2456
$C_{16}H_{30}O_4$	Di-n-propyl sebacate	2-16 μ	Sol	Spec	Stahl	JACS	74 (1952)	5487
$C_{16}H_{30}O_4$	Hexadecanedicarboxylic acid	-	-	Assign	Ryazanove	IANS	23 (1959)	143
		650-2000	S	Spec, Struct, Temp.	Davies	TFS	56 (1960)	185
		670-2000	L,S	Spec	Corish	JCS	- (1955)	2431
		730-710	-	Correlation	Chapman	JCS	- (1957)	4489
$C_{16}H_{31}N$	ω-Cyclohexylamyl S-butyl ketimine	-	-	Group freq	Pickard	JACS	76 (1954)	5169

$C_{16}H_{31}NO$	N-Isobutyl-cis-Δ^2-dodecenamide	950-1000	L	Spec	Crombie	JCS	- (1952)	2997
$C_{16}H_{31}NO$	N-Isobutyl-trans-Δ^2-dodecenamide	950-1000	L	Spec	Crombie	JCS	- (1952)	2997
$C_{16}H_{31}NO_2$	Dicyclohexylamine-2-cis-1,4-butene diol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{16}H_{31}NO_2$	Dicyclohexylamine-2-trans-1,4-butene-diol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{16}H_{31}NO_2$	Dicyclohexylamine-1,3-butenediol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{16}H_{31}NO_2$	Dicyclohexylamine-1,4-butenediol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{16}H_{31}NO_2$	Dicyclohexylamine-2,3-butenediol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{16}H_{31}NO_2$	1-Ethyl-1-azacyclo-pentadecan-8-ol-9-one	-	Sol	Group freq	Leonard	JACS	76 (1954)	5708
$C_{16}H_{31}NO_2 \cdot HCl$	Ethyl 2,6-cis-deoxy-carpamate hydro-chloride	-	-	Ident	Govindachari	JCS	- (1955)	1563
$C_{16}H_{31}NO_4$	Diethyl γ,γ'-t-butylaminobis-butyrate	-	L	Group & Band freq	Leonard	JACS	76 (1954)	3463
$C_{16}H_{31}NO_{10} \cdot HCl$	Methylstreptobios-aminide dimethyl	-	-	Absorption	Brink	JACS	68 (1946)	2557

	Butyrate							
$C_{16}H_{31}NO_{10}.HCl$	Methylstreptobiosaminide dimethyl acetal hydrochloride	-	-	Absorption	Brink	JACS	68 (1946)	2557
$C_{16}H_{32}$	1,4-bis-(n-Pentyl) cyclohexane	-	-	Band study	Cram	JACS	76 (1954)	2743
$C_{16}H_{32}$	Butene tetramer	-	-	Band freq, Struct	Plesch	JCS	- (1947)	257
$C_{16}H_{32}$	Cyclohexadecane	650-1600	S,L	Spec	Billetter	HCA	41 (1958)	338
$C_{16}H_{32}$	n-Decylcyclohexane	15-35 μ	S	Spec, Struct, Correlation	Bentley	SA	15 (1959)	165
$C_{16}H_{32}$	1-Hexadecene	-	-	Group freq	Bonino	TFS	25 (1929)	876
		2.6-3.8 μ	Sol	Spec, Assign	Fox	PRS	175 (1940)	208
		3-9 μ	Sol	Spec	Holman	AC	28 (1956)	1533
		-	-	Band assign	Harrah	JCP	33 (1960)	298
$C_{16}H_{32}$	Tetraisobutylene	1100-1650	-	Spec	Barnes	IEC	15 (1943)	659
$C_{16}H_{32}DNO_2$	Palmitohydroxamic acid-d_1	700-4000	S,Sol	Spec, H bond	Hadzi	SA	10 (1958)	38
$C_{16}H_{32}N_2O_2$	N,N,N',N'-Tetraethyl-α-ethyl-β-methyl-glutaramide	600-4000	-	Spec	Snyder	JACS	76 (1954)	33
$C_{16}H_{32}O_2$	cis-Cyclohexadecane-1,2-diol	-	Sol	Group freq	Kuhn	JACS	76 (1954)	4323
$C_{16}H_{32}O_2$	trans-Cyclohexadecane-1,2-diol	-	Sol	Group freq	Kuhn	JACS	76 (1954)	4323
$C_{16}H_{32}O_2$	Dihydro-4-methyl-4-neopentyl-2-1',3',3'-Trimethylbutyl-dioxole	-	-	Ident	Graham	JCS	- (1954)	2180

$C_{16}H_{32}O_2$	13,13-Dimethyltetradecanoic acid	1150-1550	Sol	Partial spec	Sobotka	JACS	72 (1950)	5139
$C_{16}H_{32}O_2$	Ethyl myristate	2.9 μ	L	Optical density	Honn	JACS	71 (1949)	812
		-	L	Quantitative estimate	Barr	PR	79 (1950)	416
		1-12 μ	Sol	Spec	O'Connor	JAOC	28 (1951)	154
$C_{16}H_{32}O_2$	n-Hexadecanoic acid	2.9 μ	Sol	Optical density	Honn	JACS	71 (1949)	812
		1150-1550	Sol	Partial spec	Sobotka	JACS	72 (1950)	5139
		-	Sol	Quantitative anal	Shreve	AC	22 (1950)	1261
		2-16 μ	Sol	Spec	Shreve	AC	22 (1950)	1498
		-	Sol	Anal	Swern	JAOC	27 (1950)	17
		2-15 μ	Sol	Spec	Ard	AC	23 (1951)	133
		1650-1800	Sol	Group study	Cross	TFS	47 (1951)	354
		1-12 μ	Sol	Spec	O'Connor	JAOC	28 (1951)	154
		2-14 μ	S	Spec	Harple	AC	24 (1952)	635
		700-3500	Sol,S	Spec, Band freq	Sinclair	JACS	74 (1952)	2570
		-	-	Freq	Bratoz	SA	8 (1956)	249
		9-3 μ	Sol	Spec	Holman	AC	28 (1956)	1533
		710-730	S	Band study, Spec	Chapman	JCS	- (1957)	4489
		2-15 μ	S	Spec, Qual. anal	Meiklejohn	AC	29 (1957)	329
		-	Sol	Freq	Wenograd	JACS	79 (1957)	5844
		5.83 μ	Sol	Anal	Koral	JPC	62 (1958)	541
		5.5 μ	Sol	Group study, Ident	Sawicki	AC	31 (1959)	523
$C_{16}H_{32}O_2$	13-Methylpentadecanoic acid	1150-1550	Sol	Spec	Sobotka	JACS	72 (1950)	5139
$C_{16}H_{32}O_2$	14-Methylpentadecanoic acid	1150-1550	Sol	Spec	Sobotka	JACS	72 (1950)	5139
$C_{16}H_{32}O_3$	16-Hydroxyhexadecanoic acid	2-3.5 μ	-	Spec, H bond	Davies	JCP	8 (1940)	577
		-	Sol	Group study	Thomas	JCS	- (1951)	3307
$C_{16}H_{32}O_4$	Diethylene glycol laurate	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{16}H_{33}NO$	cis-2-Aminocyclohexadecanol	-	Sol	Freq, Assign	Sicher	CCCC	24 (1959)	950
$C_{16}H_{33}NO$	trans-2-Aminocyclo-	-	Sol	Freq, Assign	Sicher	CCCC	24 (1959)	950

$C_{16}H_{33}NO$	trans-2-Aminocyclo-hexadecanol	-	Sol	Freq, Assign	Sicher	CCCC	24 (1959)	950
$C_{16}H_{33}NO$	N-Isobutyldodecan-amide	2.5-14.5μ	S	Freq, Spec	Crombie	JCS	- (1952)	2997
$C_{16}H_{33}NO_2$	Palmitohydroxamic acid	700-4000	S,Sol	Spec, H bond	Hadzi	SA	10 (1958)	38
$C_{16}H_{33}NO_3$	Diethylene glycoldi-cyclohexylamine adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{16}H_{33}NO_3$	Dicyclohexylamine-1,2,4-butanetriol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{16}H_{33}NO_3$	Myristic acid acetamide	2-12μ	S,Sol	Assign, Spec	O'Connor	JACS	77 (1955)	892
$C_{16}H_{33}NO_3$	n-Hexadecyl nitrate	2-15μ	Sol	Spec, Struct	Carrington	SA	16 (1960)	1279
$C_{16}H_{34}$	i-Hexadecane	1150-1650	-	Spec	Barnes	IEC	15 (1943)	659
$C_{16}H_{34}$	n-Hexadecane	2-14μ	L	Absorption, Spec	Ellis	PR	27 (1926)	298
		-	-	Anal	Rosenbaum	JCP	9 (1941)	295
		8000-9000	Sol	Anal, Group study	Hibbard	AC	21 (1949)	486
		-	-	Freq	Mizushima	JACS	71 (1949)	1320
		-	-	Slection rules	Simanouti	JCP	17 (1949)	1102
		720	Sol	Optical density	Philpotts	AC	23 (1951)	268
		3.4μ	Sol	Anal	Simard	AC	23 (1951)	1384
		-	-	Group anal, Absorption	Hastings	AC	24 (1952)	612
		350-700	L	Table, Freq	Donnaud	CPR	239 (1954)	1480
		13.8μ	S	Freq	Stein	JCP	22 (1954)	1993
		.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
		700-3000	Sol	Correlation	Jones	SA	9 (1957)	235
		650-800	S	Freq shift	Martin	SA	12 (1958)	12
		15-35μ	S	Spec, Struct, Correlation	Bentley	SA	15 (1959)	165
$C_{16}H_{34}N_2O$	2-Azoxy-2,5-dimethyl-hexane	1250-1600	L	Spec, Band freq, Struct	Langley	JCS	- (1951)	2309
		-	L	Group freq, Struct	Langley	JCS	- (1951)	4191

$C_{16}H_{34}O$	Cetyl alcohol	2.5-3.9μ	Sol	Spec	Fox	PRS	162 (1937)	419
		2.7-2.95μ	Sol	H bond	Davies	JCP	6 (1938)	767
		2-3.5μ	-	H bond	Davies	JCP	8 (1940)	577
		-	-	Force constant	Richard	TFS	44 (1948)	40
		1100-1400	S	Spec	Jones	JACS	74 (1952)	2575
		700-1700	L,S	Spec	Neuilly	CPR	238 (1954)	65
		.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
		3570-3700	Sol	Freq, Correlation	Flynn	AJC	12 (1959)	575
		700-1500	L	Temp. effect	Hashikuni	JPSJ	15 (1960)	941
$C_{16}H_{34}S$	n-Hexadecyl mercaptan	-	Sol	Freq	Pozefsky	AC	23 (1951)	1611
$C_{16}H_{35}NO_2$	Dodecylammonium butyrate	1600-1750	Sol	Band assign	Kitahara	BCSJ	31 (1958)	653
$C_{16}H_{35}O_4P$	bis-2-Ethylhexyl hydrogen phosphate	670-3500	-	Spec, Assign	Bellamy	JCS	- (1953)	728
		500-4000	Sol,L	H bond	Peppard	JINC	7 (1958)	231
$C_{16}H_{35}O_8B$	Diborane ethylene oxide polymer	-	S	Spec	Stone	JCS	- (1950)	2755
$C_{16}H_{36}OSi$	Trimethylsilylnonyl butyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{16}H_{36}OSi$	Trimethylsilylundecyl ethyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{16}H_{36}O_4Si$	Tetra-t-butoxysilane	-	-	Group freq	Hyde	JACS	77 (1955)	3140
$C_{16}H_{36}O_4Si$	Silicon butoxide	-	-	Spec assign	Kriegmann	ZE	62 (1958)	1163
$C_{16}H_{36}O_7P_2$	Tetra-n-butyl pyrophosphate	2-11μ	L	Spec, Anal	Daasch	AC	23 (1951)	853
		-	-	Group freq	Bergmann	JCS	- (1952)	847
		-	-	Group freq	Bell	JACS	76 (1954)	5185
$C_{16}H_{36}Si$	Di-n-octylsilane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{16}H_{40}O_4Si_4$	Octaethylcyclotetra-siloxane	2-16μ	Sol	Spec	Young	JACS	70 (1948)	3758
		2-16μ	Sol	Freq, Spec	Smith	SA	16 (1960)	87
$C_{16}H_{40}O_{10}Si_3$	Octaethoxytrisiloxane	600-3500	L	Spec	Okuara	BCSJ	31 (1958)	154

$C_{16}H_{40}O_{10}Si_3$	Octaethoxytrisiloxane	600-3500	L	Spec	Okawara	BCSJ	31 (1958)	154
$C_{16}H_{40}O_{12}Si_4$	Octaethoxycyclotetrasiloxane	600-3500	L	Spec	Okawara	BCSJ	31 (1958)	154
$C_{16}H_{42}O_9Si_4$	Tetramethylhexaacetoxy tetrasiloxane	600-3500	L	Spec	Okawara	BCSJ	31 (1958)	154
$C_{16}H_{48}N_{12}P_4$	Dimethylamino derivative of tetrameric phosphonitrilic acid	1150-1350	-	Freq, Shift, Struct	Shaw	CIL	- (1959)	54
$C_{16}H_{48}O_6Si_7$	Hexadecamethylheptasiloxane	2.5-14 μ 400-1100	Sol -	Spec Spec	Wright Kriegsmann	JACS ZE	69 (1947) 64 (1960)	803 541
$C_{16}H_{48}O_8Si_8$	Hexadecamethylcyclooctasiloxane	2.5-14 μ	Sol	Spec	Wright	JACS	69 (1947)	803

C_{17} COMPOUNDS

$C_{17}H_9Cl_3OS$	Naphthylthio 2,3,6-trichlorobenzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_9NO_4$	5,10-Dihydro-5-oxo-10-acridinylmaleic anhydride	-	S	Band freq	Acheson	JCS	- (1954)	3240
$C_{17}H_9NS$	3-Pyrenyl isothiocyanate	600-4000	S	Spec	Ham	SA	16 (1960)	279
$C_{17}H_{10}D_4O$	3,4-Diphenylcyclopent-2-ene-1-one-2,4,5,5-d_4	-	Sol,S	Freq, Spec	Yates	JACS	80 (1958)	5896
$C_{17}H_{10}F_{22}O_4$	1,5-Pentanediol bisundecafluorocaproate	-	L	Group freq	Rappaport	JACS	75 (1953)	2695

$C_{17}H_{10}O$	Benzanthrone	-	-	Group freq	Hadzi	JACS	73 (1951)	5460
$C_{17}H_{11}BrOS$	Naphthylthio m-bromo-benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{11}BrOS$	Naphthylthio o-bromo-benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{11}BrOS$	Naphthylthio p-bromo-benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{11}BrO_3$	4-Bromo-3-keto-1,2, 3,10b-tetrahydro-fluoranthene-1-carboxylic acid	2900-3500	Sol	Spec, Freq	Weizmann	JOC	16 (1951)	1851
$C_{17}H_{11}BrO_3$	9-Bromo-3-keto-1,2, 3,10b-tetrahydro-fluoranthene-1-carboxylic acid	2900-3500	Sol	Spec, Freq	Weizmann	JOC	16 (1951)	1851
$C_{17}H_{11}ClOS$	Naphthylthio o-chlorobenzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{11}ClOS$	Naphthylthio p-chlorobenzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{11}FOS$	Naphthylthio o-fluorobenzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{11}IOS$	Naphthylthio m-iodo-benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{11}IOS$	Naphthylthio o-iodo-benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{11}IOS$	Naphthylthio p-iodo-benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{11}N$	1-Azadibenz [bf] azulene	-	-	Band freq	Muth	JACS	77 (1955)	1006

$C_{17}H_{11}N$	1-Azadibenz [bh] azulene	-	-	Band freq	Muth	JACS	77 (1955)	1006
$C_{17}H_{11}NO_3S$	Naphthylthio m-nitrobenzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{11}NO_3S$	Naphthylthio p-nitrobenzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{11}NO_4$	Benztropolone p-nitrophenyl ether	1250-1800	Sol	Table	Tarbell	JACS	72 (1950)	379
$C_{17}H_{12}$	1,2-Benzfluorene	670-3150	S	Spec, Freq	Orr	JCS	- (1950)	218
$C_{17}H_{12}$	3,4-Benzfluorene	670-3150	S	Spec, Freq	Orr	JCS	- (1950)	218
		670-2010	Sol	Spec	Cannon	SA	4 (1951)	373
$C_{17}H_{12}$	Methylpyrene	1375-1530	Sol	Group study, Ext. Coefficient	Moritz	SA	16 (1960)	74
$C_{17}H_{12}Br_2O_4$	2,3-Dibromo-1,2,3,4-tetrahydro-9,10-dimethoxy-2,3-methylene-1,4-dioxoanthracene	-	-	Band freq	Sorrie	JCS	- (1955)	2238
$C_{17}H_{12}N_2$	5-Amino-1,2-benzacridine	3 μ	Sol	Freq, Taut	Mason	JCS	- (1959)	1281
$C_{17}H_{12}N_2$	5-Amino-2,3-benzacridine	3 μ	Sol	Freq, Taut	Mason	JCS	- (1959)	1281
$C_{17}H_{12}N_2$	5-Amino-3,4-benzacridine	3 μ	Sol	Freq, Taut	Mason	JCS	- (1959)	1281
$C_{17}H_{12}N_2$	7-Amino-1,2-benzacridine	3 μ	Sol	Freq, Taut	Mason	JCS	- (1959)	1281
$C_{17}H_{12}N_2$	7-Amino-2,3-benzacridine	3 μ	Sol	Freq, Taut	Mason	JCS	- (1959)	1281
$C_{17}H_{12}N_2$	7-Amino-3,4-benzacridine	3 μ	Sol	Freq, Taut	Mason	JCS	- (1959)	1281
$C_{17}H_{12}N_2$	8-Amino-1,2-benzacridine	3 μ	Sol	Freq, Taut	Mason	JCS	- (1959)	1281
$C_{17}H_{12}N_2$	8-Amino-3,4-benzacridine	3 μ	Sol	Freq, Taut	Mason	JCS	- (1959)	1281

$C_{17}H_{12}N_2O$	1-Benzoyl-1,2-dihydro-quinaldonitrile	-	-	Ident, Freq	McEwen	CR	55 (1955)	511
$C_{17}H_{12}N_2O$	1,2-Dihydro-1-methyl-2-oxoquinolino (3':2-3:4)quinoline	-	-	Freq	Braunholtz	JCS	- (1955)	381
$C_{17}H_{12}N_2O_2$	1,4'-Dihydroquinolino (3':2',3:4)quinoline-4'-carboxylic acid	-	-	Freq	Braunholtz	JCS	- (1955)	381
$C_{17}H_{12}N_2O_2.HCl$	1,4'-Dihydroquinolino (3':2'-3:4)quinoline-4'-carboxylic acid hydrochloride	-	-	Freq	Braunholtz	JCS	- (1955)	381
$C_{17}H_{12}N_4O_7$	α-Phenylpyridine picrate	-	-	Ident	Entel	JACS	77 (1955)	611
$C_{17}H_{12}N_4O_7$	β-Phenylpyridine picrate	-	-	Ident	Entel	JACS	77 (1955)	611
$C_{17}H_{12}N_4O_7$	γ-Phenylpyridine picrate	-	-	Ident	Entel	JACS	77 (1955)	611
$C_{17}H_{12}O$	α-Naphthyl phenyl ketone	-	-	Group freq	Pickard	JACS	76 (1954)	5169
$C_{17}H_{12}OS$	Naphthylthio benzoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{12}OS$	Phenylthio α-naph-thoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{12}OS$	Phenylthio β-naph-thoate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514

$C_{17}H_{12}O_2$	1-Benzoylnaphthol-2	-	Sol	H bond	Hilbert	JACS	58 (1936)	548
$C_{17}H_{12}O_2$	Benztropolone phenyl ether	1250-1800	Sol	Table	Tarbell	JACS	72 (1950)	379
$C_{17}H_{12}O_2$	4,8-Dihydrocyclohepta [def] fluorene-9-carboxylic acid	-	S	Freq	Reid	JCS	- (1955)	1193
$C_{17}H_{12}O_2S$	Naphthyl thiosalicylate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{17}H_{12}O_5$	Dimethyl fluorenone-1,7-dicarboxylate	-	-	Ident	Mullholland	JCS	- (1954)	4676
$C_{17}H_{12}O_7$	5,7-Dihydroxy-3-methoxy-3',4'-methylenedioxy flavone	700-5000	S	Freq	Briggs	AC	29 (1957)	904
$C_{17}H_{13}Cl_2NO$	2-[β-Hydroxy-β-(2,4-dichlorophenyl) ethyl] quinoline	-	S	Spec	Bahner	JACS	74 (1952)	3932
$C_{17}H_{13}Cl_2NO$	2-[β-Hydroxy-β-(2,6-dichlorophenyl) ethyl] quinoline	-	S	Spec	Bahner	JACS	74 (1952)	3932
$C_{17}H_{13}Cl_2NO$	2-[β-Hydroxy-β-(3,4-dichlorophenyl) ethyl] quinoline	-	S	Spec	Bahner	JACS	74 (1952)	3932
$C_{17}H_{13}C_2NO_2$	N α-Di-p-chlorobenzylideneglycine methyl ester	978-1092	Sol	Group freq	Bergmann	JCS	- (1953)	2564
$C_{17}H_{13}N$	α-Naphthyl phenyl ketimine	-	-	Freq	Pickard	JACS	76 (1954)	5169
$C_{17}H_{13}NO$	N-α-Naphthylbenzamide	3μ	Sol	Freq	Russell	SA	8 (1956)	138

$C_{17}H_{13}NO_2$	4'-Cyano-4-methoxy-chalcone	-	-	Struct, Freq	Rorig	JACS	75 (1953)	5381
$C_{17}H_{13}N_3O_7$	β-Methylnaphthalene picric acid complex	3-13μ	S	Freq assign	Kross	SA	8 (1956)	142
$C_{17}H_{14}$	1,2-Cyclopentenophe-nanthrene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
$C_{17}H_{14}$	1,2-Cyclopentano-phenanthrene	650-2000	S	Struct	Cannon	SA	4 (1951)	373
$C_{17}H_{14}$	8-Methyl-8-phenyl-benzofulvene	660-4000	Sol	Spec	Wood	AC	30 (1958)	1339
$C_{17}H_{14}N_2$	1,2-Dihydro-1-methyl-quinolino (3':2'-3:4)quinoline	- 2800-3000	- S	Freq Group detection	Braunholtz Braunholtz	JCS JCS	- (1955) - (1958)	381 2780
$C_{17}H_{14}N_2.HCl$	1,2-Dihydro-1-methyl-quinolino(3':2'-3:4) quinoline hydrochloride	-	-	Freq	Braunholtz	JCS	- (1955)	381
$C_{17}H_{14}N_2$	1,4'-Dihydro-1-methyl-quinolino(3':2'-3:4) quinoline	-	-	Band freq	Braunholtz	JCS	- (1955)	381
$C_{17}H_{14}N_2O$	1-Benzoylnaphthol-2-hydrazone	6200-7100	Sol	Spec, H bond	Hendricks	JACS	58 (1936)	1991
$C_{17}H_{14}N_2O$	1-Phenylazo-2-naphthol-O-methyl derivative	-	S,Sol	Struct, Assign	Hadzi	JCS	- (1956)	2143
$C_{17}H_{14}N_2O$	2-Phenylazo-1-naphthol-O-methyl derivative	-	S,Sol	Struct, Assign, Spec	Hadzi	JCS	- (1956)	2143
$C_{17}H_{14}N_2O_2$	β-(3-Indolemethyl)-β-nitrostyrene	-	S,Sol	Group freq	Noland	JACS	76 (1954)	3227

$C_{17}H_{14}N_2O_4$	3-Carboxanilido-methyl-5-phenyl-2,4-oxazolidene-dione	2-11 μ	S	Spec	Sheehan	JACS	73 (1951)	4752
$C_{17}H_{14}N_2O_4$	α-(2'-Nitro-4',5'-dimethoxyphenyl)-β-phenylacryloni-trile	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{17}H_{14}N_2O_5$	1-(4-Methoxyphenyl)-5-(4-nitrophenyl)-2,3-pyrrolidinedione	2-16 μ	Sol	Spec, Freq	Vaughan	JOC	18 (1953)	382
$C_{17}H_{14}N_2O_5$	5-(4-Methoxyphenyl)-1-(4-nitrophenyl)-2,3-pyrrolidinedione	2-16 μ	Sol	Spec, Freq	Vaughan	JOC	18 (1953)	382
$C_{17}H_{14}N_4O_3S$	5-Carboxymethyl-3-(phenyl-p-azo-phenyl)-2-thiohydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{17}H_{14}N_4O_4$	Benzosuber-2-en-1-one 2,4-dinitro-phenylhydrazone	-	Sol	Freq	Ramirez	JACS	75 (1953)	6026
$C_{17}H_{14}N_4O_6$	2-Acetoxy-1-indanone-syn-2,4-dinitrophenyl-hydrazone	-	Sol	Freq	Ramirez	JACS	75 (1953)	6026
$C_{17}H_{14}N_4O_6$	DNP-L-Tryptophan	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469
$C_{17}H_{14}N_8O_8$	1,2-Cyclopentanedione 2,4-dinitrophenylos-azone	-	S	Freq	Ramirez	JACS	76 (1954)	491
$C_{17}H_{14}O$	3,4-Diphenyl-2-cyclo-penten-1-one	-	S,Sol	Band study	Yates	JACS	80 (1958)	5896

$C_{17}H_{14}O$	2-Methyl-3-keto-dibenzo [2,2,2] bicyclooctadiene	2-15 μ	S	Spec	Vaughan	JACS	74 (1952)	5626
$C_{17}H_{14}O_2$	2,3-Dibenzoylpropene	2-16 μ	Sol	Spec, Ident	Bailey	JACS	73 (1951)	5560
$C_{17}H_{14}O_2$	9,10-Dihydrophenanthrene [9;10,3;2] cyclopropane -1-carboxylic acid methyl ester	-	S	Freq	Reid	JCS	- (1955)	1193
$C_{17}H_{14}O_2$	3,4-Diphenyl-4-hydroxy-Δ^2-cyclopentenone	1600-1800	Sol	Freq	Fuson	JACS	76 (1954)	2526
$C_{17}H_{14}O_2$	cis-Methyldibenzoyl-ethylene	6.06-14.5 μ 2-16 μ	S Sol	Freq Spec, Ident	Kuhn Bailey	JACS JACS	72 (1950) 73 (1951)	5058 5560
$C_{17}H_{14}O_2$	trans-Methyldibenzoyl-ethylene	6.05-14.5 μ 2-16 μ	S Sol	Freq Spec, Ident	Kuhn Bailey	JACS JACS	72 (1950) 73 (1951)	5058 5560
$C_{17}H_{14}O_3$	2,3-Dibenzoyl-2-propen-1-ol	-	-	Ident, Struct	Bailey	JACS	76 (1954)	2249
$C_{17}H_{14}O_3$	2-Methyl-3-benzoxy-indone	-	-	Spec	Bergmann	BSCF	- (1959)	634
$C_{17}H_{14}O_4$	3,7-Difurfurylidene-1,2-cycloheptanedione	-	S	Group freq	Leonard	JACS	75 (1953)	4989
$C_{17}H_{14}O_4$	3',4'-Dimethoxyflavone	-	Sol	Group freq	Shaw	JCS	- (1955)	655
$C_{17}H_{14}O_4$	7,3'-Dimethoxyflavone	-	Sol	Group freq	Shaw	JCS	- (1955)	655
$C_{17}H_{14}O_4$	7,4'-Dimethoxyflavone	-	Sol	Group freq	Shaw	JCS	- (1955)	655
$C_{17}H_{14}O_4$	1,3-Dimethoxy-2-methyl-anthraquinone	2-15 μ	S	Freq, Assign, Ident	Bloom	JCS	- (1959)	178

	anthraquinone								
$C_{17}H_{14}O_5$	1,3-Dimethoxy-2-hydroxymethylanthraquinone	2-15 μ 2-15 μ	- S	Freq Freq assign, Ident	Briggs Bloom	JCS JCS	- -	(1953) (1959)	3068 178
$C_{17}H_{14}O_5$	3-Hydroxy-3',4'-dimethoxyflavone	-	Sol	Group freq	Shaw	JCS	-	(1955)	655
$C_{17}H_{14}O_5$	3-Hydroxy-7,3'-dimethoxyflavone	-	Sol	Group freq	Shaw	JCS	-	(1955)	655
$C_{17}H_{14}O_5$	3-Hydroxy-7,4'-dimethoxyflavone	-	Sol	Freq	Shaw	JCS	-	(1955)	655
$C_{17}H_{14}O_5$	5-Hydroxy-7,3'-dimethoxyflavone	-	Sol	Freq	Shaw	JCS	-	(1955)	655
$C_{17}H_{14}O_5$	1,2,3-Trimethoxyanthraquinone	- 2-15 μ	Sol S	Freq Freq assign, Ident	Wiles Bloom	JCS JCS	- -	(1956) (1959)	4811 178
$C_{17}H_{14}O_5$	1,2,4-Trimethoxyanthraquinone	-	Sol	Freq	Wiles	JCS	-	(1956)	4811
$C_{17}H_{14}O_5$	1,2,7-Trimethoxyanthraquinone	-	Sol	Freq	Wiles	JCS	-	(1956)	4811
$C_{17}H_{14}O_5$	1,4,5-Trimethoxyanthraquinone	-	Sol	Freq	Wiles	JCS	-	(1956)	4811
$C_{17}H_{14}O_6$	1,3-Dihydroxy-2,5-dimethoxy-6-methylanthraquinone	2-15 μ	S	Freq assign, Ident	Bloom	JCS	-	(1959)	178
$C_{17}H_{14}O_6$	1,5-Dihydroxy-2,3-dimethoxy-6-methylanthraquinone	2-15 μ	S	Freq assign, Ident	Bloom	JCS	-	(1959)	178
$C_{17}H_{14}O_7$	Dimethyl repandulinate	-	S	Ident	Bick	JCS	-	(1953)	692

$C_{17}H_{15}BrN_4O$	2-Bromobenzosuberone anti-2,4-dinitrophenylhydrazone	-	Sol	Band freq	Ramirez	JACS	75 (1953)	6026
$C_{17}H_{15}F_3N_2O_2$	4,4'-Diacetamido-3-trifluoromethyldiphenyl	-	-	Freq	Randle	JCS	- (1955)	1311
$C_{17}H_{15}N$	N-Benzyl-1-naphthylamine	3300-3500	S,Sol	Freq, Config.	Moritz	SA	16 (1960)	1176
$C_{17}H_{15}N$	1,4,5,6-Tetrahydro-1-azadibenz [bh] azulene	-	Sol	Freq	Muth	JACS	77 (1955)	1006
$C_{17}H_{15}N$	1,4,7,8-Tetrahydro-1-azadibenz [bf] azulene	-	Sol	Freq	Muth	JACS	77 (1955)	1006
$C_{17}H_{15}NO$	β-Benzoyl-α-o-tolylpropionitrile	-	-	Freq	Potts	JCS	- (1955)	2466
$C_{17}H_{15}NO$	2-[β-Hydroxy-β-phenylethyl]quinoline	-	S	Spec	Bahner	JACS	74 (1952)	3932
$C_{17}H_{15}NO_2$	7-Methoxy-1-methyl-2-phenyl-4-quinolone	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{17}H_{15}NO_2$	7-Methoxy-1-methyl-3-phenyl-4-quinolone	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{17}H_{15}NO_2$	8-Morpholinoperinaphthenone-7	1099-3045	S	Table	Cromwell	JACS	73 (1951)	1226
$C_{17}H_{15}NO_2$	9-Morpholinoperinaphthenone-7	1114-3045	S	Table	Cromwell	JACS	73 (1951)	1226
$C_{17}H_{15}NO_3$	5-Benzyloxyindole-3-acetic acid	2.84-7.79μ	Sol	Group freq, I	Ek	JACS	76 (1954)	5579
$C_{17}H_{15}NO_3$	7-Benzyloxyindole-3-acetic acid	-	S	Group freq	Ek	JACS	76 (1954)	5579
$C_{17}H_{15}NO_3$	1-(4-Methoxyphenyl)-3-	2-16 μ	Sol	Spec, Freq	Vaughan	JOC	18 (1953)	382

	3-acetic acid			Group freq	Ek	JACS	76 (1954)	5579
$C_{17}H_{15}NO_3$	1-(4-Methoxyphenyl)-5-phenyl-2,3-pyrrolidine-dione	2-16 μ	Sol	Spec, Freq	Vaughan	JOC	18 (1953)	382
$C_{17}H_{15}NO_3$	5-(4-Methoxyphenyl)-1-phenyl-2,3-pyrrolidinedione	2-16 μ	Sol	Spec, Freq	Vaughan	JOC	18 (1953)	382
$C_{17}H_{15}NO_3S$	cis-2-Benzylidene-3-keto-6,7-dimethoxy-2,3-dihydrobenz-1,4-thiazine	700-1950	-	Spec	Mackie	JCS	- (1949)	1315
$C_{17}H_{15}NO_3S$	trans-2-Benzylidene-3-keto-6,7-dimethoxy-2,3-dihydrobenz-1,4-thiazine	700-1950	-	Spec	Mackie	JCS	- (1949)	1315
$C_{17}H_{15}NO_4$	N,N-Diacetyl-O-benzoyl-o-aminophenol	-	Sol	Spec, Freq	Witkop	JACS	74 (1952)	3861
$C_{17}H_{15}NO_4$	N,O-Diacetyl-N-benzoyl-o-aminophenol	-	Sol	Spec, Freq	Witkop	JACS	74 (1952)	3861
$C_{17}H_{15}NO_5S$	p-Phthalimidomethyl-phenyl-β-hydroxy-ethyl sulfone	-	S	Freq	Momose	CPBT	6 (1958)	412
$C_{17}H_{15}N_3O$	N-Acetyl-3-phenyl-p-tolyl-1,2,4-triazole	-	-	Group freq	Potts	JCS	- (1954)	3461
$C_{17}H_{15}N_3O_3$	3-[β-keto-γ-(3-methoxy-2-pyridyl) propyl]-4-quinazolone	-	-	Group freq, Ident	Baker	JOC	20 (1955)	118
$C_{17}H_{15}N_5O_2S$	3-(Phenyl-p-azophenyl)-2-thiohydantoin-5-acetamide	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283

$C_{17}H_{16}$	1-Ethyl-2-methyl-phenanthrene	700-4000	S	Spec	Mossettig	JOC	20 (1955)	884
$C_{17}H_{16}ClNO_3$	Methyl-α-benzamido-β-chloro-β-phenyl-propionate	-	Sol	Struct, Group freq	Bergmann	JCS	- (1951)	2673
$C_{17}H_{16}Cl_2O_3$	bis-1-Phenyl-2-chloro-ethyl carbonate	-	S	Struct, Freq	Hales	JCS	- (1957)	618
$C_{17}H_{16}INO_2$	Anhydrolycorine methiodide	-	-	Ident	Hember	JCS	- (1954)	4622
$C_{17}H_{16}N_2O_2$	5-Benzyloxyindole-3-acetamide	2.85-6.73 μ	Sol	Band freq, I	Ek	JACS	76 (1954)	5579
$C_{17}H_{16}N_2O_2$	7-Benzyloxyindole-3-acetamide	-	Sol	Band freq	Ek	JACS	76 (1954)	5579
$C_{17}H_{16}N_2O_2$	1-Methyl-3-(1-phenyl-2-nitroethyl)indole	-	S	Freq	Noland	JACS	81 (1959)	1203
$C_{17}H_{16}N_2O_2$	2-Methyl-3-(1-phenyl-2-nitroethyl)indole	-	S	Freq	Noland	JACS	81 (1959)	1203
$C_{17}H_{16}N_2O_2$	3-(1-Phenyl-2-nitro-propyl)indole	-	S,Sol	Freq	Noland	JACS	77 (1955)	456
$C_{17}H_{16}N_2O_2$	2-Phenyltryptophan	-	S	Group freq	Kissman	JACS	75 (1953)	1967
$C_{17}H_{16}N_2O_5S$	Methyl phthalimido-penicillanate	-	-	Freq	Sheehan	JACS	75 (1953)	3292
$C_{17}H_{16}N_4O$	1-Phenyl-3-methyl-4-m-methylphenylazo-5-pyrazolone	-	Sol	Spec, Struct	Toda	NKZ	80 (1959)	402
$C_{17}H_{16}N_4O$	1-Phenyl-3-methyl-4-p-methylphenylazo-5-pyrazolone	-	Sol	Spec, Struct	Toda	NKZ	80 (1959)	402

	5-pyrazolone							
$C_{17}H_{16}N_4O_2S$	5-α-Hydroxyethyl-3-(phenyl-p-azophenyl) 2-thiohydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{17}H_{16}N_4O_4$	Benzosuberone anti-2,4-dinitrophenylhydrazone	-	Sol	Band freq	Ramirez	JACS	75 (1953)	6026
$C_{17}H_{16}N_4O_4$	Benzosuberone syn-2,4-dinitrophenylhydrazone	-	Sol	Band freq	Ramirez	JACS	75 (1953)	6026
$C_{17}H_{16}N_4O_5$	3-Methoxy-1-phenylbut-2-en-1-one-2,4-dinitrophenylhydrazone	-	S	Freq	Henbest	JCS	- (1952)	4536
$C_{17}H_{16}N_4O_5$	2-Methoxy-1-tetralone syn-2,4-dinitrophenylhydrazone	-	Sol	Band freq	Ramirez	JACS	75 (1953)	6026
$C_{17}H_{16}N_{10}O_{14}$	3-β-Aminoethyl-1-methyl-1,2,4-triazole dipicrate	-	-	Ident	Ainsworth	JACS	77 (1955)	621
$C_{17}H_{16}N_{10}O_{14}$	3-β-Aminoethyl-4-methyl-1,2,4-triazole dipicrate	-	-	Iso, Ident	Ainsworth	JACS	77 (1955)	621
$C_{17}H_{16}N_{10}O_{14}$	5-β-Aminoethyl-1-methyl-1,2,4-triazole dipicrate	-	-	Ident, Iso	Ainsworth	JACS	77 (1955)	621
$C_{17}H_{16}O$	1-Benzylcyclopropyl phenyl ketone	-	Sol	Band freq, I	Piehl	JACS	75 (1953)	5023
$C_{17}H_{16}O$	cis-3,4-Diphenylcyclopentanone	-	Sol	Freq	Yates	JACS	80 (1958)	5896
$C_{17}H_{16}O_2$	α-Ethylbenzalacetophenone oxide	1600-1800	Sol	Freq, Struct, Iso	House	JACS	80 (1958)	6389

$C_{17}H_{16}O_2$	13-α-Furyl-2,4,6,8, 10,12-tridecahexaenal	1400–2000	S	Spec	Blout	JACS	70 (1948)	194
$C_{17}H_{16}O_2$	Methyldibenzoylethane	6.00–14.5μ	S	Table	Kuhn	JACS	72 (1950)	5058
$C_{17}H_{16}O_2S$	9-(9-Allylfluorenyl) methyl sulfone	1100–1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{17}H_{16}O_3$	Ethyl β,β-diphenyl-glycidate	1600–1800	Sol	Freq, Assign, Struct	House	JACS	80 (1958)	6389
$C_{17}H_{16}O_4$	Dibenzyl malonate	-	Sol	Ident	Kissman	JACS	75 (1953)	1967
$C_{17}H_{16}O_4$	7,4'-Dimethoxyflavanone	-	Sol	Group freq	Shaw	JCS	- (1955)	655
$C_{17}H_{16}O_4$	7,4'-Dimethoxyiso-flavanone	-	Sol	Struct	Bradbury	JCS	- (1953)	871
$C_{17}H_{16}O_6$	2-Acetoxy-3-oarbethoxy-1-naphthaleneacetic acid	-	-	Band freq	Tarbell	JACS	76 (1954)	5761
$C_{17}H_{16}O_6S$	4-Diacetoxymethyl phenyl sulfone	-	S,Sol	Freq	Momose	CPBT	6 (1958)	412
$C_{17}H_{16}O_8$	Terracinoic acid diacetate	-	Sol	Freq	Pasternack	JACS	74 (1952)	1928
$C_{17}H_{16}Si$	Methylphenyl-α-naphthylsilane	2–16	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{17}H_{17}BrO_6$	7-Bromo-4,6,2'-trimethoxy-6'-methylgris-2'-ene-3,4'-dione	-	S	Band freq	MacMillan	JCS	- (1954)	2585

	3,4'-dione							
$C_{17}H_{17}ClO_6$	Griseofulvin	700-1900	-	Spec	Grove	JCS	- (1952)	3949
		-	-	Struct	Grove	JCS	- (1952)	3958
		-	S	Struct	Grove	JCS	- (1952)	3977
		700-1850	S	Spec	Mulholland	JCS	- (1952)	3987
$C_{17}H_{17}ClO_6$	Isogriseofulvin	700-1900	-	Spec	Grove	JCS	- (1952)	3949
		-	-	Struct	Grove	JCS	- (1952)	3977
$C_{17}H_{17}NO$	trans-1-Methyl-2-phenyl-3-p-tolyl-ethyleneimine	2-16 μ	S,Sol	Spec, Freq	Cromwell	JACS	73 (1951)	1044
$C_{17}H_{17}NO$	1-Phenyl-3-benzyl-amino-2-buten-1-one	650-3800	S	Table	Cromwell	JACS	71 (1949)	3337
$C_{17}H_{17}NO_2$	N-Benzyl-β-benzoyl-propionamide	700-4000	S,Sol	Assigh, Struct, Taut	Cromwell	JACS	80 (1958)	4573
$C_{17}H_{17}NO_2$	3-Benzyl-5,6-dimethoxy-indole	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{17}H_{17}NO_3$	N-(α-Acetoxybenzyl) acetanilide	-	-	Spec, Struct, Freq	Burgstahler	JACS	73 (1951)	302
		-	Sol	Struct, Freq	Snyder	JACS	73 (1951)	1836
$C_{17}H_{17}NO_3$	Benzyl α-phenyl-succinamate	2-8 μ	Sol	Spec, Freq	Sheehan	JACS	74 (1952)	4555
$C_{17}H_{17}NO_4S$	1,2,3,4-Tetrahydro-7-methoxy-4-oxo-1-toluene-p-sulphonyl-quinoline	600-1700	S	Spec, Struct	Braunholtz	JCS	- (1957)	4166
$C_{17}H_{17}NO_7$	3,4,5-Trimethoxybenzyl alcohol p-nitrobenzoate	-	-	Ident	Neuss	JACS	75 (1953)	4870
		-	S	Struct	Neuss	JACS	76 (1954)	2463
$C_{17}H_{18}$	1,1-Dimethyl-2,3-di-phenylcyclopropane	3-14 μ	L	Spec	Bridson	JCS	- (1951)	3009
$C_{17}H_{18}$	p,p'-Trimethylene-1,2-diphenylethane	3-12 μ	Sol	Spec	Cram	JACS	73 (1951)	5691

$C_{17}H_{18}$	2,4,6-Trimethyl-stilbene	5-15 μ	S	Spec, Freq	Thompson	JCS	- (1950)	214
$C_{17}H_{18}$	2,4,6-Trimethyl-trans-stilbene	960	Sol	Band study	Orr	SA	8 (1956)	218
$C_{17}H_{18}F_{14}O_4$	bis-2,2,3,3,4,4,4-Heptafluorobutyl azelate	-	L	Group freq	Rappaport	JACS	75 (1953)	2695
$C_{17}H_{18}INO_2$	2-Phenyl-N-piperonylideneethylamine methiodide	-	Sol	Group freq	Goulden	JCS	- (1953)	997
$C_{17}H_{18}N_2$	3-Durylisoindazole	-	-	Group freq	Fuson	JACS	74 (1952)	162
$C_{17}H_{18}N_2$	2-Methyl-3-(1-phenyl-2-aminoethylindole)	-	S	Freq	Noland	JACS	81 (1959)	1203
$C_{17}H_{18}N_2O$	1-(N-Benzylidene)-3-(N-salicylidene) propyldiamine	-	L,Sol	H bond, Freq	Reeves	CJC	38 (1960)	1249
$C_{17}H_{18}N_2O_2$	N-Acetyl-N'-benzoyl-N,N'-dimethyl-o-phenylenediamine	2-15 μ	Sol	Freq, Struct	Smith	JACS	71 (1949)	1082
$C_{17}H_{18}N_2O_3$	p-Nitrobenzyl-d-methamphetamine	650-4000	-	Spec	Chatten	AC	31 (1959)	1581
$C_{17}H_{18}N_2O_4$	3,5-Diacetyl-2,6-dimethyl-4-o-nitrophenyl-1,4-dihydropyridine	-	S	Freq	Berson	JACS	77 (1955)	444
$C_{17}H_{18}N_2O_4$	3,5-Diacetyl-2,6-dimethyl-4-p-nitrophenyl-1,4-dihydropyridine	-	S	Freq	Berson	JACS	77 (1955)	444

	phenyl-1,4-dihydro-pyridine							
$C_{17}H_{18}N_2O_4$	p-Nitrobenzoylephedrine	650-4000	-	Spec	Chatten	AC	31 (1959)	1581
$C_{17}H_{18}N_2O_5 \cdot HCl \cdot 3H_2O$	2-Nitromorphine hydrochloride	3000-3500	S,Sol	H bond	Boll	ACS	12 (1958)	1777
$C_{17}H_{18}N_2O_5S_2$	1,4-Diphenyl-3-(N,N-dimethanesulfonyl) amino-2-azetidinone	2-16 μ	Sol	Spec	Sheehan	JACS	73 (1951)	1204
$C_{17}H_{18}N_4O_5$	β-(Hydroxymethyl) butyrophenone-2,4-dinitrophenylhydrazone	-	Sol	Freq	Ramirez	JACS	77 (1955)	3768
$C_{17}H_{18}N_4O_5$	α-Methoxybutyrophenone	-	Sol	Freq	Ramirez	JACS	75 (1953)	6026
	anti-2,4-dinitrophenylhydrazone	2-16 μ	Sol	Spec, Freq	Ramirez	JACS	76 (1954)	1037
$C_{17}H_{18}N_4O_5$	α-Methoxybutyrophenone	-	Sol	Freq	Ramirez	JACS	75 (1953)	6026
	syn-2,4-dinitrophenylhydrazone	-	Sol	Freq, H bond	Ramirez	JACS	76 (1954)	1037
$C_{17}H_{18}N_4O_7$	1-Phenyl-2-methylpyrrolidine picrate	-	S	Ident	Leonard	JACS	75 (1953)	3727
$C_{17}H_{18}O$	4-t-Butylbenzophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{17}H_{18}O$	Mesityl o-methoxyphenyl ketone	-	Sol	Reagent	Fuson	JOC	16 (1951)	637
$C_{17}H_{18}O$	β-Mesityl-β-phenylvinyl alcohol	-	-	OH data	Fuson	JACS	68 (1946)	389
		2.7-2.9 μ	Sol	Spec	Buswell	JACS	69 (1947)	770
$C_{17}H_{18}OS$	Dibenzyl ketone ethylene hemithioketal	-	Sol	Band freq	Djerassi	JACS	75 (1953)	3704
$C_{17}H_{18}O_2$	1,1-Diphenyl-2-ethoxy-2-propen-1-ol	2-16 μ	L	Spec, Ident	Stevens	JOC	17 (1952)	1177

$C_{17}H_{18}O_2S$	9-(9-Isopropyl-fluorenyl)methyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{17}H_{18}O_3$	Formyldesoxybenzoin dimethyl acetal	-	Sol	Group freq, I	Russell	JACS	76 (1954)	5714
$C_{17}H_{18}O_3S$	Dibenzyl ketone ethylene hemithioketal sulfone	-	Sol	Group freq	Djerassi	JACS	75 (1953)	3704
$C_{17}H_{18}O_4$	1-Acetoxy-9-methyl-9-hydroxy-1,4-11,12-tetrahydroanthrone	-	-	Spec	Inhoffen	CCA	29 (1957)	329
$C_{17}H_{18}O_5$	2-Hydroxy-3-carbethoxy-1-naphthaleneacetic acid ethyl ester	-	-	Ident	Tarbell	JACS	76 (1954)	5761
$C_{17}H_{18}O_5$	1-Acetoxy-5,9-dihydroxy-9-methyl-1,4,11,12-tetrahydroanthrone	-	-	Spec	Inhoffen	CCA	29 (1957)	329
$C_{17}H_{18}O_5$	1-Acetoxy-8,9-dihydroxy-9-methyl-1,4,11,12-tetrahydroanthrone	-	-	Spec	Inhoffen	CCA	29 (1957)	329
$C_{17}H_{18}O_6$	4-(2',3'-Dimethoxy-phenyl)-5-carbethoxy-6-methyl- α-pyrone	-	Sol	Band freq	Walker	JACS	76 (1954)	309
$C_{17}H_{18}O_6$	4,6,2'-Trimethoxy-6'-methylgris-2'-en-3,4'-dione	-	-	Group study	MacMillan	JCS	- (1953)	1697
$C_{17}H_{18}O_8$	3-Carboxy-4-carbomethoxy-hydroxymethyl-5,6,7-trimethoxy-1-oxo-1,2,3,4-tetrahydronaphthalene lactone	-	S	Band freq	Haworth	JCS	- (1954)	3611

	4-tetrahydronaphthalene lactone								
$C_{17}H_{18}O_8$	Methyl 3-phenylcyclopropane-1,1,2,2-tetracarboxylate	3-11 μ	Sol,S	Spec, Struct	Allen	JOC	22	(1957)	1291
$C_{17}H_{18}O_9$	3-Acetoxy-4-diacetoxymethyl-7-methoxy-6-methylphthalide	-	S,Sol	Group freq	Duncanson	JCS	-	(1953)	3637
$C_{17}H_{18}O_9$	Cyclopolide triacetate	-	S	Group freq	Duncanson	JCS	-	(1953)	3637
$C_{17}H_{18}O_9 \cdot H_2O$	Triacetylgladiolic acid hydrate	-	S	Group freq	Grove	JCS	-	(1952)	3345
$C_{17}H_{19}ClN_2O_3S$	2-Chloro-p-phenylene-4-pivalamide-1-benzenesulfonamide	-	S	Ident, Freq	Adams	JACS	76	(1954)	3584
$C_{17}H_{19}ClO_5$	7-Chloro-4,6,2'-trimethoxy-6'-methylgris-2'-en-3-one	700-1850	S	Spec, Freq	Mulholland	JCS	-	(1952)	3987
$C_{17}H_{19}ClO_6$	7-Chloro-4,6,4'-trimethoxy-6'-methylgrisan-3,2'-dione	-	S	Group freq	Mulholland	JCS	-	(1952)	3987
$C_{17}H_{19}ClO_6$	Dihydrogriseofulvin	-	-	Struct	Grove	JCS	-	(1952)	3977
		700-1850	S	Spec, Group freq, Ident	Mulholland	JCS	-	(1952)	3987
$C_{17}H_{19}N$	4-Dimethylamino-2'-methylstilbene	5-15 μ	S	Spec, Freq	Thompson	JCS	-	(1950)	214
$C_{17}H_{19}N$	4-Dimethylamino-2'-methylstilbene-trans	960	S	Band study	Orr	SA	8	(1956)	218

$C_{17}H_{19}N$	4-Dimethylamino-3'-methylstilbene	5-15 μ	S	Spec, Freq	Thompson	JCS	- (1950)	214
$C_{17}H_{19}N$	4-Dimethylamino-4'-methylstilbene	5-15 μ	S	Spec, Freq	Thompson	JCS	- (1950)	214
$C_{17}H_{19}N$	4-Dimethylamino-4'-methylstilbene-trans	960	S	Band study	Orr	SA	8 (1956)	218
$C_{17}H_{19}N$	3,5-Diphenylpiperidine	-	-	Iso	Eliel	JACS	75 (1953)	4291
$C_{17}H_{19}N$	N- α-Phenylisobutylidenebenzylamine	600-4000	-	Spec, Assign	Hidalgo	ARS	53B (1957)	491
$C_{17}H_{10}NO_2$	d-N-Benzoylephedrine	600-3600	S	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{17}H_{19}NO_2$	dl-N-Benzoylephedrine	600-3600	S,Sol	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{17}H_{19}NO_2$	dl,d-N-Benzoyl-ψ-ephedrine	600-3600	S,Sol	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{17}H_{19}NO_2$	dl-N-Benzoyl-ψ-ephedrine	600-3600	Sol	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{17}H_{19}NO_2$	N-Benzyl-γ-hydroxy-γ-phenylbutyramide	1500-3500	S	Assign, Struct	Cromwell	JACS	80 (1958)	5473
$C_{17}H_{19}NO_2$	N-(α-Ethoxybenzyl) acetanilide	- -	- Sol	Spec, Freq, Struct Struct, Freq	Burgstahler Snyder	JACS JACS	73 (1951) 73 (1951)	3021 1836
$C_{17}H_{19}NO_2$	N-Benzoylephedrine	2.5-4 μ	Sol	Spec	Kanzawa	BCSJ	78 (1956)	398
$C_{17}H_{19}NO_2.HCl$	dl-d-o-Benzoyl-ψ-ephedrine hydrochloride	600-3600	S	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{17}H_{19}NO_2.HCl$	dl-o-Benzoylephedrine hydrochloride	600-3600	S	Spec	Kanzawa	BCSJ	29 (1956)	398

$C_{17}H_{19}NO_2$·HCl	dl-o-Benzoylephedrine hydrochloride	600–3600	S	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{17}H_{19}NO_3$	Ethyl β-(2-quinolyl) ethylacetoacetate	-	-	Band freq	Bockelheide	JACS	73 (1951)	4015
$C_{17}H_{19}NO_3$	Morphine	2–16 μ	S	Spec	Levi	AC	26 (1954)	1040
		-	S	Ident	Marsh	AC	27 (1955)	636
		650–5000	S	Spec	Manning	APS	10 (1956)	85
		650–4000	-	Spec	Levi	AC	29 (1957)	470
$C_{17}H_{19}NO_3$	Piperine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
		-	S	Band study	Wildman	JACS	77 (1955)	1248
		700–5000	S,Sol	Freq	Briggs	AC	29 (1957)	904
$C_{17}H_{19}NO_3$·HCl	Dihydromorphinone hydrochloride	650–5000	S	Spec	Manning	APS	10 (1956)	85
$C_{17}H_{19}NO_3$·HCl·$3H_2O$	Morphine hydrochloride	650–5000	S	Spec	Manning	APS	10 (1956)	85
		-	S	Spec	Nakanishi	BCSJ	30 (1957)	403
		3000–3500	S,Sol	H bond	Boll	ACS	12 (1958)	1777
$C_{17}H_{19}NO_3$·HI	Morphine hydroiodide	2–16 μ	S	Spec	Levi	AC	26 (1954)	1040
		650–4000	-	Spec	Levi	AC	29 (1957)	470
$C_{17}H_{19}NO_4$	Coccinine	-	S	Freq	Wildman	JACS	77 (1955)	1248
		700–1500	S	Freq	Briggs	AC	29 (1957)	904
$C_{17}H_{19}NO_4$	Crinamine	-	-	Freq	Mason	JACS	77 (1955)	1253
		700–1500	S,Sol	Freq	Briggs	AC	29 (1957)	904
$C_{17}H_{19}NO_4$	Montanine	-	S	Freq	Wildman	JACS	77 (1955)	1248
		700–1500	S,Sol	Freq	Briggs	AC	29 (1957)	904
$C_{17}H_{19}NO_4$	Natalensine	-	S	Ident	Wildman	JACS	77 (1955)	1248
		700–1500	S,Sol	Freq	Briggs	AC	29 (1957)	904
$C_{17}H_{20}$	1,1,4,7-Tetramethyl-phenalan	-	-	Ident	Grant	JACS	76 (1954)	5001

$C_{17}H_{20}N_2O$	1-Carboxy-1,12-dimethyl-10-keto-1,2,3,4,9,10,11,12-octahydrophenanthrene hydrazone lactam	-	-	Band freq	Parham	JACS	77 (1955)	1166
$C_{17}H_{20}N_2O$	N,N'-Diethyl-N,N'-diphenylurea	1200-1700	-	Spec	Barnes	IEC	15 (1943)	659
		2-15 μ	Sol	Spec	Pristera	AC	25 (1953)	844
		-	Sol	Freq, I	Thompson	SA	13 (1958)	236
$C_{17}H_{20}N_2O$	4,4'-bis (Dimethylamino)benzophenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{17}H_{20}N_2O_2$	5-Acetyl-7-(1'-piperidylmethyl)-8-quinolinol	-	-	Band freq, Struct	Edgerton	JACS	74 (1952)	5209
$C_{17}H_{20}N_2O_3$	N-p-Nitrobenzoylcamphenamine	5-7 μ	Sol	Spec	VanTamelen	JACS	75 (1953)	1297
$C_{17}H_{20}N_2O_3$	β-Phenyl-β-(3,4-dimethoxyphenyl) propionhydrazide	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{17}H_{20}N_2O_3S$	p-Phenylenemonopivalamide monobenzenesulfonamide	-	S	Group freq	Adams	JACS	76 (1954)	3584
$C_{17}H_{20}N_2O_4S$	Methyl benzylpenicillinate	2-11 μ	Sol	Spec	Sheehan	JACS	72 (1950)	3828
		2-11 μ	Sol	Spec, Freq, Struct	Sheehan	JACS	73 (1951)	4367
		2-11 μ	Sol	Spec, Freq, Struct	Sheehan	JACS	73 (1951)	4376
$C_{17}H_{20}N_2O_4S$	6-Methyl-D-benzylpenillic acid	2-7 μ	S	Spec, Freq	Stavely	JACS	73 (1951)	3450
$C_{17}H_{20}N_2O_5S$	N-p-Nitrobenzoyl-β-aminobornyl sulfurous acid, cyclic amide	5-7 μ	Sol	Spec	VanTamelen	JACS	75 (1953)	1297
$C_{17}H_{20}N_4$	Di-p-dimethylamino-phenylcarbodiimide	-	-	Group freq	Khorana	CR	53 (1953)	145

$C_{17}H_{20}N_2S_5$	aminobornyl sulfurous acid, cyclic amide							
$C_{17}H_{20}N_4$	Di-p-dimethylamino-phenylcarbodiimide	-	-	Group freq	Khorana	CR	53 (1953)	145
$C_{17}H_{20}N_4O_3$	Ribose phenylosazone	-	Sol	Ident	Burke	JOC	20 (1955)	643
$C_{17}H_{20}N_4O_3$	Xylose phenylosazone	-	Sol	Ident	Burke	JOC	20 (1955)	643
$C_{17}H_{20}N_4O_6$	Riboflavin	800-2000	-	Spec	Barnes	IEC	15 (1943)	659
		-	-	Spec	Cormier	JACS	75 (1953)	4864
$C_{17}H_{20}O$	d-erythro-1,2-Diphenyl-2-methyl-1-butanol	-	L	Freq	Cram	JACS	76 (1954)	4516
$C_{17}H_{20}O$	d-threo-1,2-Diphenyl-2-methyl-1-butanol	-	L	Freq	Cram	JACS	76 (1954)	4516
$C_{17}H_{20}O$	Oenanthetone	-	-	Freq, Struct, Assign	Anet	JCS	- (1953)	309
$C_{17}H_{20}OSi$	p-Tolyl o-trimethyl-silylphenyl ketone	-	Sol	Group freq	Benkeser	JACS	76 (1954)	599
$C_{17}H_{20}OSi$	p-Tolyl p-trimethyl-silylphenyl ketone	-	Sol	Group freq	Benkeser	JACS	76 (1954)	599
$C_{17}H_{20}O_2$	2,2-Di-p-hydroxyphenyl-3-methylbutane	-	-	Band study, Config.	Rogers	JACS	75 (1953)	2991
$C_{17}H_{20}O_2$	2,2-Diphenyl-1,4-pentanediol	-	-	Group freq	Easton	JACS	75 (1953)	4731
$C_{17}H_{20}O_2$	2-Hydroxy-4-t-butyl-3,4-dihydrophenyl phenyl ketone	-	-	Group freq	Fuson	JACS	77 (1955)	3781
$C_{17}H_{20}O_2$	1-Hydroxyheptadeca-trans-8,10,12-triene-4,6-diyn-14-one	-	S	Band freq, I	Hillmiss	JCS	- (1955)	1770
$C_{17}H_{20}O_2Si$	p-Methoxyphenyl o-trimethylsilyl-phenyl ketone	-	Sol	Group freq	Benkeser	JACS	76 (1954)	599

$C_{17}H_{20}O_2Si$	p-Methoxyphenyl p-trimethylsilyl-phenyl ketone	-	Sol	Group freq	Benkeser	JACS	76 (1954)	599
$C_{17}H_{20}O_3$	2 α-Carboxy-2,6-dimethyl-6 α-hydroxy-cyclohexanyl α-benzyl ketone 2,6-lactone	-	-	Group freq, I, Assign	Parham	JACS	76 (1954)	5380
$C_{17}H_{20}O_3$	2 α-Carboxy-2,6-dimethyl-6 α-hydroxycyclohexanyl β-benzyl ketone 2,6-lactone	-	-	Group freq, I, Assign	Parham	JACS	76 (1954)	5380
$C_{17}H_{20}O_3$	1-Carboxy-1,12-dimethyl-10-keto-1,2,3,4,9,10,11,12-Octahydrophenanthrene	-	-	Group freq	Parham	JACS	77 (1955)	1166
$C_{17}H_{20}O_3$	Ethyl 5-phenyl-2-propionylhexa-2,4-dienoate	1200-1800	Sol	Spec, Freq	Lacey	JCS	- (1960)	3153
$C_{17}H_{20}O_3$	Methyl 1,2,3,4,4a,9,10,10a-Octahydro-9-ketophenanthryl-10-acetate, α-isomer	845-2990	Sol	Table	Gutsche	JACS	75 (1953)	2579
$C_{17}H_{20}O_3$	6,7,7a,8,9,10,11,11a-Octahydro-7-Carbomethoxy-5-keto-5H-dibenzo [a,c] cycloheptatriene, α-isomer	853-3000	Sol	Table	Gutsche	JACS	75 (1953)	2579
$C_{17}H_{20}O_3$	2,3,9-Trimethyl-5,9-dihydroxy-1,4,11,12-tetrahydroanthrone	-	-	Spec	Inhoffen	CCA	29 (1957)	329

	tetrahydroanthrone							
$C_{17}H_{20}O_3$	2,3,10-Trimethyl-5, 10-dihydroxy-1,4, 11,12-tetrahydro-anthrone	-	-	Spec	Inhoffen	CCA	29 (1957)	329
$C_{17}H_{20}O_3S$	α, α-Dimethyl-β-phenyl-β-hydroxy-ethyl p-tolyl sulfone	-	-	Group freq	Field	JACS	75 (1953)	5582
$C_{17}H_{20}O_3S_2$	1,3-bis-Benzylsulfinyl-propan-2-ol	-	S	Band freq	Johary	JCS	- (1955)	1302
$C_{17}H_{20}O_4$	Anhydrotenulin	5.5-13 μ	S	Spec, Struct	Ungnade	JACS	72 (1950)	3813
$C_{17}H_{20}O_4$	β-Carbomethoxy-β-(2-phenylcyclo-hexene-6)propionic acid, α-isomer	897-3500	Sol	Table	Gutsche	JACS	75 (1953)	2579
$C_{17}H_{20}O_4$	β-Carbomethoxy-β-(2-phenylcyclo-hexene-6)propionic acid, β-isomer	895-3525	Sol	Table	Gutsche	JACS	75 (1953)	2579
$C_{17}H_{20}O_4$	Desmotroposantonin	2-15 μ	S,Sol	Struct	Kanzawa	JACS	80 (1958)	3705
$C_{17}H_{20}O_5$	4,5-Benzo-2,7-dicarbethoxycyclo-heptanone	-	-	Freq	Tarbell	JACS	76 (1954)	5761
$C_{17}H_{20}O_5$	2-Benzoyloxymethylene-1-carbomethoxymethyl-cyclohexanol	2.89-14.31 μ	S	I, Ident	Dreiding	JACS	76 (1954)	6388
$C_{17}H_{20}O_5$	5,8-Dihydro-2-hydroxy-3-carbethoxy-1-naph-thaleneacetic acid ethyl ester	-	Sol	Freq	Tarbell	JACS	76 (1954)	5761
$C_{17}H_{20}O_5S_2$	1,3-bis-Benzylsulfonyl-propan-2-ol	1000-3390	S	Table	Johary	JCS	- (1955)	1302

$C_{17}H_{20}O_6$	Acetylhelenalin oxide	-	-	Struct	Adams	JACS	71 (1949)	2551
$C_{17}H_{20}O_7$	Acetylhelenalin dioxide	-	-	Struct	Adams	JACS	71 (1949)	2551
$C_{17}H_{20}O_8$	Methyl benzaldimalonate	3-11 μ	S	Ident	Allen	JOC	22 (1957)	1291
$C_{17}H_{20}Si$	Cyclopentamethylenediphenylsilane	2-35 μ	L	Assign	Oshesky	JACS	79 (1957)	2057
$C_{17}H_{20}Si$	Dibenzylallylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{17}H_{21}ClO_5$	Tetrahydrodeoxygriseofulvin	- 700-1850	- S	Struct Spec, Freq, Ident	Grove Mulholland	JCS JCS	- (1952) - (1952)	3977 3987
$C_{17}H_{21}ClO_6$	7-Chloro-4'-hydroxy-4,6,6'-trimethoxy-2'-methylgrisan-3-one	700-1850	S	Spec	Mulholland	JCS	- (1952)	3987
$C_{17}H_{21}ClO_6$	7-Chloro-6'-hydroxy-4,6,4'-trimethoxy-2'-methylgrisan-3-one	-	S	Group freq	Mulholland	JCS	- (1952)	3987
$C_{17}H_{21}INP$	Hexahydro-1,4-diphenyl-p-methyl-1,4-aza-phosphonium iodide	-	S	Group freq	Mann	JCS	- (1950)	3039
$C_{17}H_{21}INAs$	Hexahydro-1,4-diphenyl-1,4-azarsine methiodide	450-700	-	Spec, Struct	Beeby	JCS	- (1951)	886
$C_{17}H_{21}NO$	d-Ø-Methylephedrine	600-3600	L,Sol	Spec	Kanzawa	BCSJ	29 (1956)	398
$C_{17}H_{21}NO_2$	Dihydro-des-N,N-dimethyl-apo-β-erythroidine	-	-	Group freq, Ident	Grundon	JACS	75 (1953)	2537

$C_{17}H_{21}NO_3$	1-Benzyl-4-ethyl-4-n-butyl-2,3,5-pyrrolidinetrione	-	-	Spec	Skinner	JACS	72 (1950)	5569
$C_{17}H_{21}NO_3$	3-Ethyl-4-methoxy-5',6'-dihydro-6',6'-dimethylpyran (1',2';5,6)quinolone-2	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{17}H_{21}NO_3$	1-Phenyl-4-ethyl-4-s-amyl-2,3,5-pyrrolidinetrione	-	-	Spec	Skinner	JACS	72 (1950)	5569
$C_{17}H_{21}NO_4$	Cocaine alkaloid	650-5000	S	Spec	Manning	APS	10 (1956)	85
$C_{17}H_{21}NO_4$	Scopolamine	2-14 μ	S	Spec, Anal	Browning	AC	27 (1955)	7
$C_{17}H_{21}NO_4.HCl$	Cocaine hydrochloride	650-5000	S	Spec	Manning	APS	10 (1956)	85
$C_{17}H_{21}NO_4.H_2SO_4$	Cocaine sulphate	650-5000	S	Spec	Manning	APS	10 (1956)	85
$C_{17}H_{21}NO_4.HBr$	Scopolamine hydrobromide	-	Sol	Quant. Anal	Marsh	AC	27 (1955)	636
$C_{17}H_{21}NO_5$	trans-9-Decalyl per-p-nitrobenzoate	-	-	Purity	Goering	JACS	75 (1953)	5853
$C_{17}H_{21}NO_5$	9,10-Epoxy-9,10-seco-9-decalyl p-nitrobenzoate	-	-	Purity	Goering	JACS	75 (1953)	5853
$C_{17}H_{21}NO_5$	1-Phenyl-3-ethyl-4,4-dicarbethoxy-2-azetidinone	2-11 μ	Sol	Spec	Sheehan	JACS	73 (1951)	1761
$C_{17}H_{21}NO_5S$	2-Carbethoxy-3-benzoyl-4-carbomethoxy-5,5-dimethylthiazolidine	-	-	Band freq	Sheehan	JACS	74 (1952)	4957

$C_{17}H_{21}N_2O_4P$	N-Dibenzylphosphonyl-DL-alanineamide	3-15 μ	L,S	Spec, Freq	Li	JACS	77 (1955)	3519
$C_{17}H_{21}N_3O_3 \cdot 2HCl$	3-[β-Keto-γ-(3-methoxy-2-piperidyl) propyl]-4-quinazolone dihydrochloride	-	S	Ident	Baker	JOC	20 (1955)	136
$C_{17}H_{21}N_3O_3S$	p-Diethylaminophenyl p-tolylazoxy sulfone	600-1800	S	Assign, Spec	LeFevre	AJC	6 (1953)	341
$C_{17}H_{21}N_3O_8$	Trimethylchebulic-triamide	-	S	Band freq	Haworth	JCS	- (1954)	3611
$C_{17}H_{22}BrNO_5$	Diethyl N-(α-bromo-n-butyryl)anilino-malonate	2-11 μ	Sol	Spec	Sheehan	JACS	73 (1951)	1761
$C_{17}H_{22}ClN_3O \cdot HCl$	6-Chloro-3-(propylamino) cyclohexyl)-4-quinazo-lone hydrochloride	-	-	Struct	Sherrill	JOC	19 (1954)	699
$C_{17}H_{22}NO_3 \cdot HClO_4$	Lunasine perchlorate	1450-4000	S	Spec, Freq	Price	AJC	12 (1959)	589
$C_{17}H_{22}N_2O \cdot HBr$	5-Ethyl-7-(1-piperidyl-methyl)-8-quinolinol hydrobromide	-	-	Struct	Edgerton	JACS	74 (1952)	5209
$C_{17}H_{22}N_2O_2$	Ethyl N-(δ-cyanobutyl)-1,2,3,4-tetrahydroiso-quinoline-3-carboxylate	-	L	Group freq	Leonard	JACS	76 (1954)	3193
$C_{17}H_{22}N_2O_4$	Methyl N-[2-benzyl-4(L)-4(Δ^2-oxazol-inoyl)]-D-valinate	-	-	Struct	Akins	JACS	76 (1954)	147
$C_{17}H_{22}N_2O_5S$	α-Methyl benzylpeni-cilloate	-	-	Spec	Davis	JOC	13 (1948)	682
$C_{17}H_{22}O$	2-Benzylidene-α-decalol	-	-	Group freq	Zeiss	JACS	75 (1953)	5935
$C_{17}H_{22}O$	Cicutol	-	-	Group freq, Struct	Anet	JCS	- (1953)	309

$C_{17}H_{22}O$	2-Benzylidene-α-decalol	-	-	Group freq	Zeiss	JACS	75	(1953)	5935
$C_{17}H_{22}O$	Cicutol	-	-	Group freq, Struct	Anet	JCS	-	(1953)	309
$C_{17}H_{22}O$	Oenanthetol	-	-	Group freq, Struct, Assign	Anet	JCS	-	(1953)	309
		-	S	Ident	Hill	JCS	-	(1955)	1770
$C_{17}H_{22}O_2$	dl-Cicutoxin	-	-	Group freq, Struct	Anet	JCS	-	(1953)	309
		-	Sol	Ident	Hill	JCS	-	(1955)	1770
$C_{17}H_{22}O_2$	Oenanthotoxin	-	-	Group freq, Struct, Assign	Anet	JCS	-	(1953)	309
$C_{17}H_{22}O_3$	1-Benzoyloxy-1,6-epoxycyclodecane	-	-	Purity	Bartlett	JACS	75	(1953)	5591
		-	-	Purity	Goering	JACS	75	(1953)	5853
$C_{17}H_{22}O_3$	trans-9-Decalyl perbenzoate	-	-	Purity	Goering	JACS	75	(1953)	5853
$C_{17}H_{22}O_3$	trans-1-Formyl-1-γ-ketopentyl-2-keto-10-methyl-$\Delta^{3,6}$-hexahydronaphthalene	2-12 μ	Sol	Spec	Woodward	JACS	74	(1952)	4223
$C_{17}H_{22}O_3$	cis-5-Isopropyl-8-methylhydrin-4,6-diene maleic anhydride	2-13 μ	Sol	Spec	Conroy	JACS	74	(1952)	3046
$C_{17}H_{22}O_3$	Podocarpic acid	1500-3700	Sol	Freq	Cole	JCS	-	(1959)	2005
$C_{17}H_{22}O_4$	β-Carbomethoxy-β-(2-phenylcyclohexane)propionic acid, α-isomer	962-3070	Sol	Table	Gutsche	JACS	75	(1953)	2579
$C_{17}H_{22}O_4$	β-Carbomethoxy-β-(2-phenylcyclohexane)propionic acid, β-isomer	952-3080	Sol	Table	Gutsche	JACS	75	(1953)	2579

$C_{17}H_{22}O_4$	4b,5,6,7,8,8a,9,10-Octahydro-2,3,4-trimethoxy-10-keto-phenanthrene	863-2900	Sol	Table	Gutsche	JACS	76 (1954)	1771
$C_{17}H_{22}O_5$	ψ-Santonin acetate	-	Sol	Freq	Dauben	JACS	77 (1955)	606
$C_{17}H_{22}O_5$	Tenulin	5.5-13 μ	S	Spec, Struct	Ungnade	JACS	72 (1950)	3818
$C_{17}H_{22}O_5$	5,6,7,8-Tetrahydro-2-hydroxy-3-carbethoxy-1-naphthaleneacetic acid ethyl ester	-	-	Ident	Tarbell	JACS	76 (1954)	5761
$C_{17}H_{22}O_4$	Xanthinin	2-12 μ	Sol	Spec, Freq, Struct	Geissman	JACS	76 (1954)	685
$C_{17}H_{22}O_6$	4'-Hydroxy-4,6,6'-trimethoxy-2'-methylgrisan-3-one	-	S	Freq	Mulholland	JCS	- (1952)	3987
$C_{17}H_{22}Si$	Methylphenyl-p-tert-butylphenylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{17}H_{23}DO_4$	2-Methylene-bis-dimedone-d_1	2000-3500	S	Spec, Freq	Bellamy	PRS	257 (1960)	98
$C_{17}H_{23}N$	N-Methylmorphinane	-	-	Freq	Ginsburg	JCS	- (1953)	1524
$C_{17}H_{23}N$	N-Methylisomorphinane	-	-	Struct	Gates	JACS	72 (1950)	1141
$C_{17}H_{23}NO.HBr$	dl-3-Hydroxy-N-methyl-morphinane hydro-bromide	650-5000	S	Spec	Manning	APS	10 (1956)	85
$C_{17}H_{23}NO_2$	Picrotoxadiene maleic anhydride imide	2-13 μ	Sol	Spec	Conroy	JACS	74 (1952)	3046
$C_{17}H_{23}NO_2$	Tetrahydro-des-N,N-dimethyl-apo-β-erythroidine	-	-	Ident, Freq	Grundon	JACS	75 (1953)	2537
$C_{17}H_{23}NO_3$	Atopine	- 2-14 μ	Sol S	Group freq Spec, Anal	Marion Browning	JACS AC	73 (1951) 27 (1955)	302 7

$C_{17}H_{23}NO_3$	Atopine	- 2-14 μ	Sol S	Group freq Spec, Anal	Marion Browning	JACS AC	73 (1951) 27 (1955)	305 7
$C_{17}H_{23}NO_3$	γ-Morpholinopropyl 1-phenylcyclopropane-carbonylate	1-2.7 μ	Sol	Group study	Washburn	JACS	80 (1958)	504
$C_{17}H_{23}NO_4$	Lunacridine	1450-4000	S,Sol	Spec, Freq	Price	AJC	12 (1959)	589
$C_{17}H_{23}N_3O$	N,O,Di-(2-cyano-2-propyl)-N-mesityl-hydroxylamine	-	-	Freq, I	Gingras	JCS	- (1954)	1920
$C_{17}H_{23}N_3O$	Mepyramine base	2900-3100	Sol	Freq	Hill	JCS	- (1958)	760
$C_{17}H_{23}N_5O_7S$	5-Thioformylamino-6-amino-4-triacetyl-D-Xylosideamino-2-methylpyrimidine	1700-1775	S	H bond, Spec	Brownlie	JCS	- (1948)	2265
$C_{17}H_{24}N_2O_5$	Methyl N-(N-phenyl-acetyl-L-seryl)-D-valinate	-	-	Ident, Struct	Adkins	JACS	76 (1954)	147
$C_{17}H_{24}N_4$	1-6,11-Dicyano-sparteine	-	Sol	Band freq	Leonard	JACS	77 (1955)	1552
$C_{17}H_{24}O$	2-Isobornyl-4-methyl-phenol	3 μ	S,L, Sol	H bond	Sears	JACS	71 (1949)	4110
$C_{17}H_{24}O$	5-Methyl-7-(2,6,6-trimethylcyclohexa-1,3-dienyl)hepta-2,4,6-trien-1-ol	-	L	Band freq	Farrar	JCS	- (1952)	2657
$C_{17}H_{24}O_4$	2-(2,3-Dimethoxyphenyl) cyclohexane-1,2-diol acetonide	-	-	Band freq	Ginsburg	JACS	75 (1953)	5746
$C_{17}H_{24}O_4$	2-Methylene-bis-dimedone	2000-3500	S	Spec, Freq	Bellamy	PRS	257 (1960)	98

$C_{17}H_{24}O_{11}$	Penta-o-acetyl-dl-bornesitol	-	Sol	Ident	Anderson	JACS	76 (1954)	6130
$C_{17}H_{25}NO$	Des-N,N-dimethyl-desoxydihydro- -erthroidinol	-	-	Freq, Struct	Weinstock	JACS	75 (1953)	2546
$C_{17}H_{25}NO$	σ-{[1-β-ethanol-2-methyl-4-N,N-dimethylamino]-1-butenyl} vinylbenzene	-	-	Spec	Boekelheide	JACS	74 (1952)	1866
$C_{17}H_{25}NO_2$	Des-N,N-dimethyl-dihydro-α-erythro-idinol	-	-	Band study	Godfrey	JACS	77 (1955)	3342
$C_{17}H_{25}NO_3$	Des-N-methyl-β-erythro-idinol	-	-	Group freq, Struct	Boekelheide	JACS	75 (1953)	2550
$C_{17}H_{26}N_2O$	N-[2-(piperidino) propyl] propion-anilide	3.38-3.6 μ	S	Freq	Wright	JOC	24 (1959)	1362
$C_{17}H_{26}N_2O_2$	6-Carbethoxy-2-cyclo-hexyl-2,3-dihydro-5, 7-dimethyl-1H-imidazo [1.5-a] pyrrole	-	S	Band study	Burke	JACS	76 (1954)	1294
$C_{17}H_{26}N_2O_2$	N,N,N',N'-Tetraallyl-glutaramide	-	-	Group study	Butler	JACS	77 (1955)	1767
$C_{17}H_{26}N_2O_{11}S$	S-(Tetraacetyl-β-D-glucopyranosyl) thiuronium acetate	8-15 μ	S	Spec	Bonner	JACS	73 (1951)	2241
$C_{17}H_{26}N_4O_4$	Methyl n-nonyl ketone-2,4-dinitrophenyl-hydrazone	2-16 μ	S	Spec, Ident	Jones	AC	28 (1956)	191

	hydrazone							
$C_{17}H_{26}N_4O_4$	2,2,6,6-Tetramethyl-heptan-3-one-2,4-dinitrophenylhydrazone	-	-	Ident	Wiberg	JACS	76 (1954)	5367
$C_{17}H_{26}O$	5-Methyl-7-(2,6,6-trimethylcyclohex-1-enyl)hepta-2,4,6-trien-1-ol	-	L	Band freq	Farrar	JCS	- (1952)	2657
$C_{17}H_{26}O$	Octyl p-xylyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{17}H_{26}O_2$	2-(3'-Hydroxy-3'-pentyl)-1-phenyl-2-methylcyclopentanol	-	-	Group freq	Zimmerman	JACS	76 (1954)	2285
$C_{17}H_{26}O_3$	Ethyl oxoaristate	-	S	Group freq	Stenlake	JCS	- (1955)	2114
$C_{17}H_{26}O_4$	1-Acetoxysantan-1,2,7-olide	-	Sol	Group freq	Dauben	JACS	77 (1955)	606
$C_{17}H_{26}O_4$	3,4-Bisnorandrostane-5,5,17-triol-2-oic-2→5-lactole	-	-	Ident	Weisenborn	JACS	76 (1954)	552
$C_{17}H_{26}O_5$	1-Dihydroumbellulonyl-malonic acid diethyl ester	-	L	Group freq	Eastman	JACS	76 (1954)	4115
$C_{17}H_{26}O_8$	Tetramethyl β-santorate	2-12μ	Sol	Struct	Woodward	JACS	72 (1950)	1009
$C_{17}H_{27}Cl_3OSi$	Trichlorosilylundecyl phenyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{17}H_{27}NO$	Des-N,N-dimethyl-desoxytetrahydro-β-erythroidinol	-	-	Struct	Weinstock	JACS	75 (1953)	2546
$C_{17}H_{27}NO$	2,4,5,5-Tetramethyl-2-(2-methyl-2-phenyl-propyl)oxazolidine	-	Sol	Group freq	Bergmann	JACS	75 (1953)	358

$C_{17}H_{27}NO_2$	Des-N,N-dimethyl-tetrahydro-α-erythroidinol	-	-	Ident	Godfrey	JACS	77 (1955)	3342
$C_{17}H_{28}$	2,2-Dimethyl-9-phenylnonane	2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{17}H_{28}$	2-Methyl-2-phenyl-decane	2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{17}H_{28}$	1-Phenylundecane	2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{17}H_{28}$	2,2,4-Trimethyl-7-phenyloctane	2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{17}H_{28}N_2O_3.HCl$	2-n-Butoxy-3-(β-isobutylamino-carbethoxy)aniline	2-8μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{17}H_{28}O$	2-n-Propyl-4,6-diisobutylphenol	-	Sol	Anal	Curtin	JACS	76 (1954)	2276
$C_{17}H_{28}O$	4-n-Propyl-2,6-diisobutylphenol	-	Sol	Anal	Curtin	JACS	76 (1954)	2276
$C_{17}H_{28}O_4$	2-Ethyl-2-butylpropane-diol-1,3-dimethacrylate	-	L,S	Freq	Loshack	JACS	75 (1953)	3544
$C_{17}H_{29}N_7O_2$	N,N'-bis(4-Amyl-5-pyrazolono)guanidine	400-4000	-	Freq	Gagnon	CJC	37 (1959)	110
$C_{17}H_{30}N_2$	1,5-bis-(Diallylamino) pentane	-	-	Group Study	Butler	JACS	77 (1955)	1767
$C_{17}H_{30}N_2$	1-6-Ethylsparteine	-	Sol	Band study	Leonard	JACS	77 (1955)	1552
$C_{17}H_{30}O$	Di-(1,1,2,3-tetramethyl-2-butenyl) ketone	-	-	Group freq	VanHeyningen	JACS	77 (1955)	4016

	ketone							
$C_{17}H_{30}OSi$	Trimethylsilyloctyl phenyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{17}H_{30}O_3Si_2$	1-Allyloxy-2,4-bis-trimethylsiloxy-methylbenzene	-	-	Struct	Burkhard	JACS	75 (1953)	5957
$C_{17}H_{31}Br$	Heptadeca-8,11-dienyl bromide	-	-	Anal, Freq	Howton	JACS	76 (1954)	4970
$C_{17}H_{31}NO_3$	α-Dodecyl-N-hydroxy-glutarimide	-	S	Group freq	Ames	JCS	- (1955)	631
$C_{17}H_{32}$	1-Decylcycloheptene	-	-	Spec, Freq	Brini	BSCF	- (1959)	1188
$C_{17}H_{32}$	1,1-Dicyclohexyl-pentane	-	-	Band freq	Bomstein	AC	25 (1953)	512
		15-35 μ	S	Spec, Struct	Bentley	SA	15 (1959)	165
$C_{17}H_{32}$	1,5-Dicyclohexyl-pentane	-	-	Band freq	Bomstein	AC	25 (1953)	512
$C_{17}H_{32}O_4$	Dimethyl 2,6,6,9-tetramethylhendecane-1,11-dioate	1005-1739	L	Table	Fawcett	JCS	- (1954)	2669
$C_{17}H_{33}N$	Heptadecanenitrile	-	-	Freq, I	Kitson	AC	24 (1952)	334
		2200-2300	Sol	Freq, Struct	Jesson	SA	13 (1958)	217
$C_{17}H_{33}NO_2$	1-Methyl-1-azacyclo-heptadecan-9-ol-10-one	-	Sol	Freq	Leonard	JACS	76 (1954)	5708
$C_{17}H_{34}$	Cycloheptadecane	650-1600	S,L	Spec	Billetter	HCA	41 (1958)	338
$C_{17}H_{34}N_2O_3$	L-Pyrrolidonecarboxylic acid tributylamine salt	800-1800	Sol	Ident	Beecham	JACS	76 (1954)	4618
$C_{17}H_{34}O_2$	Heptadecanoic acid	720	S	Band study, Spec	Chapman	JCS	- (1957)	4489
		650-4000	S	Spec, Freq	Susi	JAOC	37 (1960)	431

$C_{17}H_{34}O_2$	Methyl palmitate	-	-	Microwave	Cook	N	165 (1950)	358
		1-12μ	Sol	Spec	O'Connor	JAOC	28 (1951)	154
		700-3500	Sol	Spec, Freq	Sinclair	JACS	74 (1952)	2570
		0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{17}H_{34}O_4$	2-Monomyristin	650-3500	S	Spec, Struct	Chapman	JCS	- (1956)	55
$C_{17}H_{35}NO_2$	Dicyclohexylamine-1,5-pentanediol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{17}H_{35}NO_3$	Dicyclohexylamine-(1)-1,2,5-pentanetriol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{17}H_{36}$	n-Heptadecane	2.6-3.8μ	Sol	Spec, Assign	Fox	PRS	175 (1940)	208
		1.1-1.25μ	L	Anal, Spec	Evans	AC	23 (1951)	1604
		700-3000	Sol	Freq, Ext. Coefficient	Jones	SA	9 (1957)	235
		650-800	S,L	Band study	Martin	SA	12 (1958)	12
$C_{17}H_{36}N_2O_3$	Urea-palmitic acid complex	-	-	Freq, Struct	Scrocco	AAN	24 (1958)	435
$C_{17}H_{36}Si$	Cyclopentamethylene-dihexylsilane	2-35μ	L	Assign, Spec	Oshesky	JACS	79 (1957)	2057
$C_{17}H_{36}Si$	Cyclopentamethylene-di-2-ethylbutylsilane	2-35μ	L	Assign	Oshesky	JACS	79 (1957)	2057
$C_{17}H_{38}N_2O$	n-Hexadecane(Cetane) urea complex	-	-	Freq, Struct	Scrocco	AAN	24 (1958)	435
		600-4000	S	Spec	Fischer	CJC	38 (1960)	187
$C_{17}H_{38}N_2O_2$	Urea-Cetyl alcohol complex	-	-	Freq, Struct	Scrocco	AAN	24 (1958)	435
$C_{17}H_{38}OSi$	Trimethylsilyldecyl butyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826

butyl ether — Inductive effect — Josien — CPR 249 (1959) 826

C_{18} COMPOUNDS

$C_{18}H_6O_6$	Phenanthrene-1,8,9,10-tetracarboxylic dianhydride	730-1779	S	Table	Brown	JCS	- (1954)	1280
$C_{18}H_{10}$	1,6-Diphenyl-1,3,5-hexatrine	-	Sol	Group freq, I	Armitage	JCS	- (1954)	147
$C_{18}H_{10}Br_2N_2O_5$	2,4-Dinitrophenyl 6'-phenyl-2',4'-dibromophenyl ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958)	5861
$C_{18}H_{10}Br_4$	1,2,3,4-Tetrabromo-6,6-diphenylfulvene	660-4000	Sol	Spec	Wood	AC	30 (1958)	1339
$C_{18}H_{10}O_2$	1,2-Benzanthra-3,4-quinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{18}H_{10}O_2$	1,2-Benzanthra-9,10-quinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
		1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{18}H_{10}O_2$	Chrysenequinone-1,2	-	S	Group freq	Josien	JACS	73 (1951)	478
		1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{18}H_{10}O_2$	Naphthacenequinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{18}H_{10}O_4$	Dihydroxynaphthacenequinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{18}H_{10}O_4$	Pulvinic acid lactone	650-3800	-	Spec	Frank	JACS	72 (1950)	1824
$C_{18}H_{10}O_7$	Dibenzoyloxymaleic anhydride	5.30-10.72 μ	Sol	Table, Group freq, I	Goodwin	JACS	76 (1954)	5599
$C_{18}H_{11}BrO_3$	2-Bromodibenzo [2,2,2] bicyclooctadiene-2,3-cis-dicarboxylic anhydride	2-15 μ	S	Spec	Vaughan	JACS	74 (1952)	5623

$C_{18}H_{11}N_3O_2S$	3,4-Dicyano-1-naphthalenebenzenesulfonamide	-	-	Group study	Adams	JACS	74 (1952)	5562
$C_{18}H_{11}N_3O_7$	Biphenylene oxide 1,3,5-trinitrobenzene	-	-	Ident	Entel	JACS	77 (1955)	611
$C_{18}H_{12}$	Benzanthrene	650-2010	S	Spec	Cannon	SA	4 (1951)	373
$C_{18}H_{12}$	1,2-Benzanthracene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
		660-2030	S	Spec	Cannon	SA	4 (1951)	373
$C_{18}H_{12}$	3,4-Benzphenanthrene	620-2020	S	Spec	Cannon	SA	4 (1951)	373
		1375-1530	Sol	Substitution effect	Moritz	SA	16 (1960)	74
$C_{18}H_{12}$	9,10-Benzphenanthrene	650-2000	S	Spec	Cannon	SA	4 (1951)	373
$C_{18}H_{12}$	Chrysene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
		650-2010	S	Spec	Cannon	SA	4 (1951)	373
$C_{18}H_{12}$	Naphthacene	660-2020	S	Spec	Cannon	SA	4 (1951)	373
		-	-	Freq	Sidman	JCP	25 (1956)	122
$C_{18}H_{12}Cl_4N_2O_4S_2$	2,3,5,6-Tetrachloro-p-phenylenedibenzenesulfonamide	650-3250	S	Group freq	Adams	JACS	74 (1952)	2608
		-	-	Ident	Adams	JACS	74 (1952)	5869
$C_{18}H_{12}N_3O_9PS$	0,0,0-Tri-p-nitrophenyl phosphorothioate	-	-	Freq, Assign	Ketelaar	RTC	78 (1959)	190
$C_{18}H_{12}N_3O_{10}P$	Tri-o-nitrophenyl phosphate	-	-	Freq, Assign	Ketelaar	RTC	78 (1959)	190
$C_{18}H_{12}N_3O_{10}P$	Tri-p-nitrophenyl phosphate	-	-	Freq, Assign	Ketelaar	RTC	78 (1959)	190
$C_{18}H_{12}N_5O_6$	α,α-Diphenyl-β-picrylhydrazyl	2.8-3.1μ	Sol	Spec	Poirier	JOC	17 (1952)	1437
		7.5-15μ	S	Spec, Group freq	Poirier	JOC	19 (1954)	1847
$C_{18}H_{12}N_5O_7$	α,α-Diphenyl-β-picryl-β-oxyhydrazyl	2.8-3.1μ	Sol	Spec	Poirier	JOC	17 (1952)	1437
		7.5-15μ	S	Spec, Group freq	Poirier	JOC	19 (1954)	1847

$C_{18}H_{12}O_2$	2,5-Diphenyl-p-benzoquinone	- 5-15μ	- S	Substitution effect Spec, Struct	Flagg Edwards	NWS JAPC	43 (1956) 10 (1960)	467 246
$C_{18}H_{12}O_3$	Dibenzo [2,2,2] bicyclooctadiene-2, 3-cis-dicarboxylic anhydride	2-15μ	S	Spec	Vaughan	JACS	74 (1952)	5623
$C_{18}H_{12}O_3$	o-Naphthoylbenzoic acid	700-4000	S,L	Table, Group freq	Flett	JCS	- (1951)	962
$C_{18}H_{12}O_4$	3,6-Dihydroxy-2,5-diphenyl-1,4-benzoquinone	5-15μ	S	Spec, Struct	Edwards	JAPC	10 (1960)	246
$C_{18}H_{12}O_5$	Pulvinic acid	650-3800	-	Spec	Frank	JACS	72 (1950)	1824
$C_{18}H_{12}O_6$	3,6-Dihydroxy-2,5-di-p-hydroxyphenyl-1,4-benzoquinone	5-15μ	S	Spec, Struct	Edwards	JAPC	10 (1960)	246
$C_{18}H_{12}O_6B_2$	Tri-o-phenylenediborate	6-14μ	L	Struct	Blau	JCS	- (1960)	380
$C_{18}H_{13}BrO_4$	2-Bromodibenzo [2,2,2] bicyclooctadiene-2, 3-trans-dicarboxylic acid	2-15μ	S	Spec, Struct	Vaughan	JACS	74 (1952)	5623
$C_{18}H_{13}ClN_2O_6S_2$	N,N-Dibenzenesulfonyl-2-chloro-4-nitroaniline	-	S	Group freq	Adams	JACS	76 (1954)	3584
$C_{18}H_{13}Cl_3N_2O_4S_2$	2,3,5-Trichloro-p-phenylenedibenzenesulfonamide	650-3210	S	Group freq	Adams	JACS	74 (1952)	2608
$C_{18}H_{13}N$	1-Aminochrysene	3μ	Sol	Freq	Elliot	JCS	- (1959)	1275
$C_{18}H_{13}N$	3-Phenyl-7,8-benzopyrrocoline	-	-	Ident	Boekelheide	JACS	75 (1953)	3679

$C_{18}H_{13}NO_3$	2-Nitrophenyl 1'-(2'-biphenyl)ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958)	5861
$C_{18}H_{13}NO_3$	4-Nitrophenyl 1'-(2'-biphenyl)ether	1200-1400	Sol	Substitution effect	Dahlgard	JACS	80 (1958)	5861
$C_{18}H_{13}NO_7$	α-Carboxy-β-(o-nitrostyryl)tropolone acetate	-	S	Ident	Tarbell	JACS	76 (1954)	2470
$C_{18}H_{13}N_2O_7PS$	O,O-Di-p-nitrophenyl-O-phenyl phosphorothioate	-	-	Freq, Assign	Ketelaar	RTC	78 (1959)	190
$C_{18}H_{13}N_3O$	Rutaecarpine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
$C_{18}H_{13}N_5O_6$	α, α-Diphenyl-β-picrylhydrazine	2.8-3.1μ	Sol	Spec, H bond	Poirier	JOC	17 (1952)	1437
		7.5-15μ	S	Spec, Group freq	Poirier	JOC	19 (1954)	1847
$C_{18}H_{13}N_5O_7$	α, α-Diphenyl-β-picryl-β-hydroxyhydrazine	2.8-3.1μ	Sol	Spec, H bond	Poirier	JOC	17 (1952)	1437
		7.5-15μ	S	Spec, Group freq	Poirier	JOC	19 (1954)	1847
$C_{18}H_{13}N_7O_{10}$	Di-DNP-L-histidine	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469
$C_{18}H_{14}$	Dihydronaphthacene	660-2040	S	Spec	Cannon	SA	4 (1951)	373
$C_{18}H_{14}$	m-Diphenylbenzene	1050-1800	-	Spec	Barnes	IEC	15 (1943)	659
		650-2040	Sol	Spec	Cannon	SA	4 (1951)	373
		9.26-14.33μ	-	Band freq	Ipatieff	JACS	75 (1953)	6056
		5-38μ	S	Spec, Freq	Stewart	JRNB	60 (1958)	125
		11.9-18.4μ	Sol	Anal	Keen	AC	31 (1959)	1741
$C_{18}H_{14}$	O-Diphenylbenzene	1050-1800	-	Spec	Barnes	IEC	15 (1943)	659
		650-2040	S	Spec	Cannon	SA	4 (1951)	373
		2-25μ	S	Spec	Dale	ACS	11 (1957)	640
		5-38μ	S	Spec, Freq, Assign	Stewart	JRNB	60 (1958)	125
		11.9-18.4μ	Sol	Anal	Keen	AC	31 (1959)	1741

$C_{18}H_{14}$	p-Diphenylbenzene	1050-1800	-	Spec	Barnes	IEC	15 (1943)	659
		650-2030	S	Spec	Cannon	SA	4 (1951)	373
		8.96-14.39μ	-	Table, Band freq	Ipatieff	JACS	75 (1953)	6056
		-	-	Ident	Silverman	AC	26 (1954)	434
		2-25μ	S,Sol	Spec, Assign	Dale	ACS	11 (1957)	640
		5-38μ	S	Spec, Freq, Assign	Stewart	JRNB	60 (1958)	125
		11.9-18.4μ	Sol	Anal	Keen	AC	31 (1959)	1741
$C_{18}H_{14}$	6,6-Diphenylfulvene	660-4000	Sol	Spec	Wood	AC	30 (1958)	1339
$C_{18}H_{14}BrNO_3$	1-p-Bromophenyl-4-ethyl-4-phenyl-2,3,5-pyrrolidinetrione	-	-	Absorption	Skinner	JACS	72 (1950)	5569
$C_{18}H_{14}ClN_5O_4S_2$	x-Azido-2-chloro-p-phenylene-di-benzene-sulfonamide	-	-	Group freq, Iso	Adams	JACS	75 (1953)	3405
$C_{18}H_{14}Cl_2N_2O_4S_2$	2,3-Dichloro-p-phenylenedibenzene-sulfonamide	600-3400	S	Group freq	Adams	JACS	74 (1952)	2608
$C_{18}H_{14}Cl_2N_2O_4S_2$	2,5-Dichloro-p-phenylenedibenzene-sulfonamide	650-3300	S	Group & Band freq	Adams	JACS	74 (1952)	2608
$C_{18}H_{14}NO_5PS$	O,p-Nitrophenyl-O,o-diphenyl phosphoro-thioate	-	-	Freq, Assign	Ketelaar	RTC	78 (1959)	190
$C_{18}H_{14}N_2$	α-Phenylacrylonitrile dimer	-	-	Spec not shown, Group freq	Newey	JACS	72 (1950)	5645
$C_{18}H_{14}N_2O_2$	7,7'-Dimethylindigo	-	S	H bond	Weinstein	JACS	78 (1956)	2387
$C_{18}H_{14}N_2O_4$	1,4-bis-Acetamido-anthraquinone	1750-3215	-	Group freq	Flett	JCS	- (1948)	1441
$C_{18}H_{14}N_2O_4$	3-Phenyl-2,4,5-triketo-1-pyrrolidineaceta-nilide	2-8μ	S	Spec, Band freq	Sheehan	JACS	74 (1952)	360

$C_{18}H_{14}N_2O_6$	Benzyl furoxan-dicarboxylate	-	S	Table, I, Group freq	Boyer	JACS	77 (1955)	4238
$C_{18}H_{14}N_2O_6$	Dianisoylfuroxan	-	S	Table, I, Group freq	Boyer	JACS	77 (1955)	4238
$C_{18}H_{14}N_4O_3S$	2-Thio-3-o-nitrophenyl-5-(indole-3'-methylene) hydantoin(Derived from dl-Tryptophan)	600-4000	S	Spec, I	Epp	AC	29 (1957)	1283
$C_{18}H_{14}N_4O_4$	Dianisoylfuroxanazine	-	S	Table, I, Group freq	Boyer	JACS	77 (1955)	4238
$C_{18}H_{14}N_8O_4S_2$	2,x-Diazido-p-phenylene-dibenzenesulfonamide	-	-	Ident	Adams	JACS	75 (1953)	3405
$C_{18}H_{14}N_{10}O_8$	bis-(m-Nitrobenzoyl)-furoxan disemicarbazone	-	S	Table, I, Group freq	Boyer	JACS	77 (1955)	4238
$C_{18}H_{14}O$	Acetylpyrene	-	S	Group freq	Josien	JACS	73 (1951)	478
$C_{18}H_{14}O$	5-Benzylidene-3-phenyl-Δ^2-cyclopentenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{18}H_{14}O$	2-Phenoxybiphenyl	-	-	Freq	DeTar	JACS	77 (1955)	4411
$C_{18}H_{14}O_2$	4,8-Dihydrocyclohepta-[def] fluorene-9-carboxylic acid methyl ester	-	S	Freq	Reid	JCS	- (1955)	1193
$C_{18}H_{14}O_2$	9,10-Dihydro-9-methylol-9,10-ethanoanthracene-12-carboxylic acid lactone	-	Sol	Band freq	Meek	JACS	74 (1952)	761
$C_{18}H_{14}O_2$	1,6-Diphenyl-1,5-hexadiene-3,4-dione	-	S	Group freq	Leonard	JACS	75 (1953)	2714

$C_{18}H_{14}O_2S$	Naphthylthio o-methoxybenzoate	2.5-16 μ	Sol	Struct, Freq	Nyquist	SA	15 (1959)	514
$C_{18}H_{14}O_3$	9-Formyl-9,10-dihydro-9,10-ethanoanthracene-12-carboxylic acid	-	S	Freq, Struct	Meek	JACS	74 (1952)	761
$C_{18}H_{14}O_4$	Dibenzo [2,2,2] bicyclooctadiene-2,3-trans-dicarboxylic acid	2-15 μ	S	Spec, Struct	Vaughan	JACS	74 (1952)	5623
$C_{18}H_{14}O_4$	1-(3-Methoxyphenyl)-4-hydroxy-2-naphthoic acid	2-13 μ	S	Group freq, Struct	Klemm	JACS	76 (1954)	1688
$C_{18}H_{14}O_4$	1-Phenyl-4-hydroxy-5-methoxy-2-naphthoic acid	2-13 μ	S	Spec, Group freq, Struct	Klemm	JACS	76 (1954)	1688
$C_{18}H_{14}O_5$	2-Hydroxydibenzo [2,2,2] bicyclo-octadiene-2,3-trans-dicarboxylic acid	2-15 μ	S	Spec, Struct	Vaughan	JACS	74 (1952)	5623
$C_{18}H_{14}O_5$	Isomycomycin methyl ester, maleic anhydride adduct	2-16 μ	S	Spec, Freq	Celmer	JACS	74 (1952)	3838
$C_{18}H_{14}O_7$	5-Hydroxy-3,7-dimethyloxy-3',4'-methylenedioxy-flavone	700-5000	S	Freq	Briggs	AC	29 (1957)	904
$C_{18}H_{15}DF_4NB$	Triphenylammonium tetrafluoroborate-d_1	-	S	H bond, Band freq	Nuttall	JCS	- (1960)	4965
$C_{18}H_{15}DSi$	Triphenylsilane-d_1	600-4000	L	Spec, Group assign	Kaplan	JACS	76 (1954)	5880

$C_{18}H_{15}BrCl_2S$	Triphenylsulfonium dichlorobromide	8-15μ	S	Spec	Bonner	JACS	74 (1952)	5078
$C_{18}H_{15}BrS$	Triphenylsulfonium bromide	8-15μ	S	Spec	Bonner	JACS	74 (1952)	5078
$C_{18}H_{15}Br_3S$	Triphenylsulfonium tribromide	8-15μ	S	Spec	Bonner	JACS	74 (1952)	5078
$C_{18}H_{15}Br_5S$	Triphenylsulfonium pentabromide	8-15μ	S	Spec	Bonner	JACS	74 (1952)	5078
$C_{18}H_{15}ClN_2O_4S_2$	N',N'-Dibenzene-sulfonyl-2-chloro-p-phenylenediamine	-	S	Group freq	Adams	JACS	76 (1954)	3584
$C_{18}H_{15}ClN_2O_6$	Triacetyl derivative of chlorotrihydroxy-dihydrophenazine	650-5000	S	Spec	Gagnon	CJC	35 (1957)	1423
$C_{18}H_{15}ClS$	Triphenylsulfonium chloride	8-15μ	S	Spec	Bonner	JACS	74 (1952)	5078
$C_{18}H_{15}ClSi$	Diphenyl-m-chloro-phenylsilane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{18}H_{15}ClSi$	Diphenyl-p-chloro-phenylsilane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{18}H_{15}ClSi$	Triphenylchlorosilane	2-30μ 2-15μ	Sol Sol	Spec, Struct, Anal Freq, Spec, Struct	Grenoble Smith	APS SA	14 (1960) 16 (1960)	85 87
$C_{18}H_{15}Cl_3N_3B_3$	B-trichloro-N-triphenylborazole	-	Sol	Struct	Watanabe	SA	16 (1960)	78
$C_{18}H_{15}IS$	Triphenylsulfonium iodide	8-15μ	S	Spec	Bonner	JACS	74 (1952)	5078
$C_{18}H_{15}I_3S$	Triphenylsulfonium triiodide	8-15μ	S	Spec	Bonner	JACS	74 (1952)	5078

	trifoside								
$C_{18}H_{15}N$	Triphenylamine	1-12μ	L	Spec	Bell	JACS	48	(1926)	813
		.6-2.3μ	L	Group study	Ellis	JACS	50	(1928)	685
		1182	Sol	Freq, Electronegativity	Kross	JACS	77	(1955)	5858
		625-900	Sol	Substitution effect	Margoshes	SA	7	(1955)	14
		700-1700	S	Spec, Struct	Kemmitt	JCS	-	(1960)	46
$C_{18}H_{15}NO$	α, α-Diphenyl-2-pyridinemethanol	2-12μ	Sol	Spec, Band freq, Struct	Witkop	JACS	73	(1951)	2196
$C_{18}H_{15}NO$	Phenyl β-(1-isoquinolyl)ethyl ketone	-	-	Group freq	Boekelheide	JACS	75	(1953)	3679
$C_{18}H_{15}NO_2$	α-(4'-Acetylphenyl)-4-methoxycinnamonitrile	-	-	Struct	Rorig	JACS	75	(1953)	5381
$C_{18}H_{15}NO_2$	4'-Cyanomethyl-4-methoxychalcone	-	-	Group freq	Rorig	JACS	75	(1953)	5381
$C_{18}H_{15}NO_2$	α, α-Diphenyl-2-pyridinemethanol oxide	2-12μ	Sol	Spec, Band freq, Struct	Witkop	JACS	73	(1951)	2196
$C_{18}H_{15}NO_3$	1,3-Diphenyl-3-ethyl-1,4,5-pyrrolidinetrione	-	-	Band freq	Sheehan	JACS	74	(1952)	360
$C_{18}H_{15}NO_3$	1,4-Diphenyl-4-ethyl-2,3,5-pyrrolidinetrione	2-16μ	S	Spec	Skinner	JACS	72	(1950)	5569
$C_{18}H_{15}NO_3$	4,4-Diphenyl-1-ethyl-2,3,5-pyrrolidinetrione	2-16μ	S	Spec	Skinner	JACS	72	(1950)	5569
$C_{18}H_{15}NO_3$	2-Ethylbenzylidene-3-phenyl-4,5-oxazolidinedione	-	-	Band study	Sheehan	JACS	74	(1952)	360

$C_{18}H_{15}NO_5S$	p-Phthalimidomethyl-phenyl 2'-oxopropyl sulfone	-	S	Substitution effect	Momose	CPBT	6 (1958)	412
$C_{18}H_{15}N_3OS$	5-(3-Indolylmethyl)-3-phenyl-2-thio-hydantoin	2.5-15μ	S,L	Spec	Ramachandran	AC	27 (1955)	1734
$C_{18}H_{15}OP$	Triphenylphosphine oxide	2-21μ	S	Spec, Anal	Daasch	AC	23 (1951)	853
		2-15μ	Sol	Spec, Group freq	Geddes	JPC	58 (1954)	1062
$C_{18}H_{15}OP$	Triphenylphosphine oxide-O^{16} & O^{18}	600-3200	S	Freq	Halmann	JCS	- (1958)	3264
$C_{18}H_{15}OP$	Triphenylphosphorus oxyhalide	1100-1300	S	Band study	Sheldon	JACS	80 (1958)	4775
$C_{18}H_{15}OP.H_2O$	Triphenylphosphine oxide-O^{16} & O^{18} hydrate	600-3200	Sol	Freq	Halmann	JCS	- (1958)	3264
$C_{18}H_{15}O_3P$	Diphenyl benzene-phosphonate	2-21μ	Sol	Spec, Anal	Daasch	AC	23 (1951)	853
$C_{18}H_{15}O_3P$	Triphenyl phosphite	2-21μ	L	Spec, Anal	Daasch	AC	23 (1951)	853
		700-1620	L	Spec, Group freq	Bellamy	JCS	- (1952)	475
		2-15μ	L,Sol	Spec, Group freq	Geddes	JPC	58 (1954)	1062
$C_{18}H_{15}O_3B$	Triphenyl borate	670-1800	S	Spec, Freq	Werner	AJC	8 (1955)	355
$C_{18}H_{15}O_4P$	Triphenyl phosphate	2-21μ	S	Spec, Anal	Daasch	AC	23 (1951)	853
		670-1630	S,Sol	Spec, Group freq	Bellamy	JCS	- (1952)	475
		-	-	Group freq	Bell	JACS	76 (1954)	5185
		2-15μ	L,Sol	Spec, Group freq	Geddes	JPC	58 (1954)	1062
		450-1600	L,S	Spec, Assign,Freq, Iso	Mortimer	SA	9 (1957)	270
$C_{18}H_{15}P$	Triphenylphosphine	2-21μ	Sol	Spec, Anal	Daasch	AC	23 (1951)	853
		2-15μ	S,Sol	Spec, Group freq	Geddes	JPC	58 (1954)	1062
		1088	Sol	Freq, Electronegativity	Kross	JACS	77 (1955)	5858
		625-900	Sol	Substitution effect	Margoshes	SA	7 (1955)	14

		625-900	Sol	Substitution effect	Margoshes	SA	7 (1955)	14
$C_{18}H_{15}As$	Triphenylarsine	1075	Sol	Substitution effect, Freq, Electronegativity	Kross	JACS	77 (1955)	5858
$C_{18}H_{16}$	Diphenylhexatriene	650-2000	S	Correlation	Cannon	SA	4 (1951)	373
$C_{18}H_{16}ClN_3O_4S_2$	2-Amino-x-chloro-p-phenylenedibenzene-sulfonamide	-	-	Iso	Adams	JACS	75 (1953)	3405
$C_{18}H_{16}F_4NB$	Triphenylammonium tetrafluoroborate	-	S	H bond, Band freq	Nuttall	JCS	- (1960)	4965
$C_{18}H_{16}NO_3P$	Diphenyl anilino-phosphonate	-	S,Sol	Group freq	Bellamy	JCS	- (1952)	1701
		-	-	Group freq	Bell	JACS	76 (1954)	5185
$C_{18}H_{16}N_2$	2-Methyl-3,3'-[2'-methylindyl] indole	2-11.5μ	Sol	Spec	Witkop	JACS	73 (1951)	713
$C_{18}H_{16}N_2O$	2-Methyl-2,3'-[2'-methylindyl] indoxyl	2-12μ	Sol	Spec, Struct, Band assign	Witkop	JACS	73 (1951)	713
$C_{18}H_{16}N_2O_2$	5-α-Furyl-2,4-pentadienalazine	1400-2000	Sol,S	Spec	Blout	JACS	70 (1948)	194
$C_{18}H_{16}N_2O_3$	3-Phenylcarbomethoxy-aminoacetylindole	700-4000	S	H bond, Band study	Tanner	SA	9 (1957)	282
$C_{18}H_{16}N_2O_6$	1-Phenyl-3-dinitro-mesityl-1-propene-2-ol-3-one	2-7μ	Sol	Group freq	Barnes	JACS	75 (1953)	479
$C_{18}H_{16}N_2O_7$	β-(Hydroxymethyl)-butyrophenone-3,5-dinitrobenzoate	-	Sol	Freq	Ramirez	JACS	77 (1955)	3768
$C_{18}H_{16}N_4O_2S$	3-(Phenyl-p-azaphenyl)-2-thio-1,5-(2'-hydroxypropyl) hydantoin(derived from l-Hydroxyproline)	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283

$C_{18}H_{16}N_4O_3S$	3-(Phenyl-p-azo-phenyl)-2-thio-hydantoin-5-propanoic acid (Derived from l-Glutamic acid)	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{18}H_{16}N_4O_4$	2,3-Benzocycloocta-2,7-diene-1-one-2,4-dinitrophenyl-hydrazone	-	Sol	Band & Group freq	Ramirez	JACS	75 (1953)	6026
$C_{18}H_{16}N_4O_4$	3-Phenylcyclohex-2-en-1-one-2,4-dinitro-phenylhydrazone	-	Sol	Band freq	Walker	JACS	77 (1955)	3664
$C_{18}H_{16}N_4O_6$	2-Acetoxy-1-tetralone syn-2,4-dinitro-phenylhydrazone	-	Sol	Band freq, Group freq	Ramirez	JACS	75 (1953)	6026
$C_{18}H_{16}N_6O_{12}S$	Di-DNP-L-cystine	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469
$C_{18}H_{16}O$	3,4-Diphenyl-4-methylcyclopent-1-one	-	Sol,S	Freq	Yates	JACS	80 (1958)	5896
$C_{18}H_{16}O$	$\Delta^{1,3,5:10,6,8,14}$-Estrahexaene-one-17	-	-	Assignment	Jones	JACS	70 (1948)	2024
		1665-1765	Sol	Freq	Jones	JACS	74 (1952)	80
		1695-1735	-	Band study	Ramsay	JACS	74 (1952)	72
$C_{18}H_{16}O$	$\Delta^{1,3,5:10,6,8,15}$-Estrahexaene-one-17	-	-	Assignment	Jones	JACS	70 (1948)	2024
$C_{18}H_{16}O$	2-Keto-2,3,4,4a,5,6-hexahydrobenzo[c]phenanthrene	-	Sol	Group freq	Wilds	JOC	17 (1952)	1154

$C_{18}H_{16}OSi$	Phenyl-p-phenoxy-phenylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{18}H_{16}OSi$	Triphenylsilanol	500-1700	S	Spec, Table, Group assign	Richards	JCS	- (1949)	124
		2-16 μ	Sol	Spec, Group freq, H bond	Tatlock	JOC	17 (1952)	1555
		3300-3700	Sol	H bond	West	JACS	81 (1959)	6145
		-	Sol	H bond	West	JACS	82 (1960)	6269
$C_{18}H_{16}O_2$	cis-Dimethyl-dibenzoylethylene	6.05-14.4 μ	S	Table, Group freq	Kuhn	JACS	72 (1950)	5058
$C_{18}H_{16}O_2$	trans-Dimethyl-dibenzoylethylene	6.04-13.95 μ	S	Table, Group freq	Kuhn	JACS	72 (1950)	5058
$C_{18}H_{16}O_2$	3,4-Diphenyl-4-hydroxy-2-methyl-Δ^2-cyclopentenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{18}H_{16}O_2$	1-Methyl-7-isopropyl-9,10-phenanthraquinone	1600-1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{18}H_{16}O_3$	11-Oxoequilenin (inactive)	-	-	Group freq	McNiven	JACS	76 (1954)	1725
$C_{18}H_{16}O_5$	7,3',4'-Trimethoxy-flavone	-	Sol	Group freq	Shaw	JCS	- (1955)	655
$C_{18}H_{16}O_6$	α-Conidendrol	700-3600	S	Spec, Assign	Spearin	JOC	15 (1950)	984
$C_{18}H_{16}O_6$	β-Conidendrol	700-3600	S	Spec, Assign	Spearin	JOC	15 (1950)	984
$C_{18}H_{16}O_6$	1,2,5,8-Tetramethoxy-anthraquinone	-	Sol	Substitution effect	Wiles	JCS	- (1956)	4811
		2-15 μ	S	Freq, Assign, Correlation	Bloom	JCS	- (1959)	178

$C_{18}H_{16}O_6$	1,3,5,7-Tetramethoxy-anthraquinone	2-15μ	S	Freq, Assign, Correlation	Bloom	JCS	- (1959)	178
$C_{18}H_{16}O_6$	1,4,5,8-Tetramethoxy-anthraquinone	-	Sol	Struct	Wiles	JCS	- (1956)	4811
$C_{18}H_{16}O_6$	2,3,6,7-Tetramethoxy-anthraquinone	-	Sol	Substitution effect	Wiles	JCS	- (1956)	4811
$C_{18}H_{16}O_8$	Chrysosplenetin (3,5, 4'-trihydroxy-6,7, 3'-trimethoxyflavone)	-	L	Freq	Inglett	JOC	23 (1958)	93
$C_{18}H_{16}Si$	Triphenylsilane	600-4000	L	Spec, Group assign	Kaplan	JACS	76 (1954)	5880
		2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
		2050-2250	Sol	Freq, Struct	Smith	SA	15 (1959)	412
$C_{18}H_{17}BrN_4O_4$	8-Bromo-2,3-benzo-cyclooct-2-en-1-one anti-2,4-dinitro-phenylhydrazone	-	Sol	Band freq	Ramirez	JACS	75 (1953)	6026
$C_{18}H_{17}ClO_2$	p-Duroylbenzoyl chloride	-	-	Group freq	Fuson	JACS	77 (1955)	3776
$C_{18}H_{17}N$	1-(γ-Phenyl)propyl-isoquinoline	-	-	Ident	Boekelheide	JACS	75 (1953)	3679
$C_{18}H_{17}NO$	8-Piperidinoperi-naphthenone-7	1109-3045	S	Table	Cromwell	JACS	73 (1951)	1226
$C_{18}H_{17}NO$	9-Piperidinoperi-naphthenone-7	1109-3045	S	Table	Cromwell	JACS	73 (1951)	1226
$C_{18}H_{17}NOS$	2-(Piperidinomethylene) 4,5-benzothioindoxyl	-	-	Group freq	Glanert	JCS	- (1955)	30

$C_{18}H_{17}NOS$	2-(piperidinomethylene)-4,5-benzothioindoxyl	-	-	Group freq				
$C_{18}H_{17}NO_4$	3-Anisylidene-2-anisyliminopropionic acid	-	-	Struct	Vaughan	JOC	18 (1953)	405
$C_{18}H_{17}NO_4$	1,5-bis(4-Methoxyphenyl)-2,3-pyrrolidinedione	2-16μ	Sol	Spec, Group freq	Vaughan	JOC	18 (1953)	382
		-	-	Struct, Group freq	Vaughan	JOC	18 (1953)	405
$C_{18}H_{17}NO_4$	1-Mesityl-3-m-nitrophenyl-1-propene-1-ol-3-one	2-7μ	Sol	Group freq	Barnes	JACS	75 (1953)	479
$C_{18}H_{17}NO_4$	1-Mesityl-3-p-nitrophenyl-1-propene-1-ol-3-one	2-7μ	Sol	Group freq	Barnes	JACS	75 (1953)	479
$C_{18}H_{17}NO_4$	1-m-Nitrophenyl-3-mesityl-1-propene-2-ol-3-one	2-7μ	Sol	Group freq	Barnes	JACS	75 (1953)	479
$C_{18}H_{17}N_2OP$	Benzenephosphonic dianilide	2-21μ	S	Spec, Anal	Daasch	AC	23 (1951)	853
$C_{18}H_{17}N_2O_2P$	Phenyl dianilinophosphonate	-	S,Sol	Group freq	Bellamy	JCS	- (1952)	1701
		-	-	Group freq	Bell	JACS	76 (1954)	5185
$C_{18}H_{17}N_5O_7$	Bufotenine picrate	-	-	Ident	Stromberg	JACS	76 (1954)	1707
$C_{18}H_{18}$	9-Butylphenanthrene	2-15μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{18}H_{18}$	1,4-Dibenzylbutadiene-1,3	-	-	Quant mech	Mulliken	JCP	7 (1959)	121
$C_{18}H_{18}$	1-Methyl-7-isopropylphenanthrene	1000-1800	-	Spec	Barnes	IEC	15 (1943)	659
		3-15μ	S,Sol	Spec, Anal	Laakso	JCS	- (1950)	221
		670-2000	Sol	Spec	Cannon	SA	4 (1951)	373
$C_{18}H_{18}$	1,3,5,7-Tetramethylanthracene	660-2000	S	Spec	Cannon	SA	4 (1951)	373
$C_{18}H_{18}$	1,3,6,7-Tetramethylanthracene	660-2000	S	Spec	Cannon	SA	4 (1951)	373

$C_{18}H_{18}$	2,3,6,7-Tetramethyl-anthracene	650-2020	S	Spec	Cannon	SA	4 (1951)	373
$C_{18}H_{18}$	4,5,9,10-Tetramethyl-phenanthrene	3-14 μ	Sol,S	Spec, Table	Mosby	JOC	19 (1954)	294
$C_{18}H_{18}ClNO_2$	2-Chloro-3-(4'-diethylaminobuta-1:3-diethyl)-1,4-naphthaquinone	2200-2000	Sol	Band study	Buckley	JCS	- (1957)	4891
$C_{18}H_{18}N_2$	2-Methyl-2,3'-[2'-methylindyl]-2,3-dihydroindole	2-12 μ	Sol	Spec, Struct, Band assign	Witkop	JACS	73 (1951)	713
$C_{18}H_{18}N_2O_2$	bis-(N-Benzyl) fumaramide	700-1700	S	Spec	Stafford	AC	21 (1949)	1454
$C_{18}H_{18}N_2O_2$	1,2-Dimethyl-3-(1'-phenyl-2'-nitroethyl) indole	-	S,Sol	Group freq	Noland	JACS	81 (1959)	1203
$C_{18}H_{18}N_2O_2$	2-Methyl-3-(1'-phenyl-2'-nitropropyl)indole	-	S,Sol	Group freq	Noland	JACS	81 (1959)	1203
$C_{18}H_{18}N_2O_2$	β-Morpholoyl-β-(4-pyridyl)styrene	600-4000	Sol	Freq	Katritzky	JCS	- (1958)	4155
$C_{18}H_{18}N_3OP$	Trianilinophosphine oxide	- -	Sol,S -	Group freq Group freq	Bellamy Bell	JCS JACS	- (1952) 76 (1954)	1701 5185
$C_{18}H_{18}N_3SP$	Trianilinophosphine sulfide	-	-	Group freq	Bellamy	JCS	- (1952)	1701
$C_{18}H_{18}N_3B$	Triphenylaminoboron	2-15 μ	L	Freq, Assign	Aubrey	JCS	- (1960)	5239

$C_{18}H_{18}N_3B$	Triphenylaminoboron	2-15/μ	L	Freq, Assign	Aubrey	JCS	– (1960)	5239
$C_{18}H_{18}N_4$	N,N'-bis-2'-Cyano-ethylbenzidine	–	–	Group freq, Struct	Braunholtz	JCS	– (1953)	1817
$C_{18}H_{18}N_4$	1,1'-Diphenyl-3,3'-bi-2-pyrazoline	–	–	Band study	Snyder	JACS	74 (1952)	3243
$C_{18}H_{18}N_4O$	5-(2-Oxocyclohexyl) amino-1-phenyl-benzotriazole	–	S	Group freq	Carter	JCS	– (1955)	337
$C_{18}H_{18}N_4OS$	5-Isopropyl-3-(phenyl-p-azophenyl)-2-thio-hydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{18}H_{18}N_4OS_2$	5-(β-Methylmercapto-ethyl)-3-(phenyl-p-azophenyl)-2-thio-hydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{18}H_{18}N_4O_2$	1,5-bis-2'-Cyanoethyl-1,2,3,4,5,6,7,8-octa-hydro-1,5-diazaanthra-cene-4,8-dione	–	–	Group freq, Ident	Braunholtz	JCS	– (1953)	1817
$C_{18}H_{18}N_4O_2S$	N-(Phenyl-p-azophenyl) thiocarbamoyl-l-proline	600-4000	S	Spec	Epp	AC	29 (1957)	1283
$C_{18}H_{18}N_4O_4$	2,3-Benzocyclooct-2-en-1-one 2,4-dinitro-phenylhydrazone	–	Sol	Band & Group freq	Ramirez	JACS	75 (1953)	6026
$C_{18}H_{18}N_4O_4$	3-Phenylcyclohexanone 2,4-dinitrophenyl-hydrazone	–	Sol	Band freq	Walker	JACS	77 (1955)	3664
$C_{18}H_{18}N_4O_4S_2$	2,x-Diamino-p-phenylene-dibenzenesulfonamide	–	–	Ident	Adams	JACS	75 (1953)	3405

$C_{18}H_{18}N_4O_5$	2-Methoxybenzosuberone anti-2,4-dinitrophenyl-hydrazone	-	Sol	Band & Group freq	Ramirez	JACS	75 (1953)	6026
$C_{18}H_{18}N_4O_6$	Methyl β-benzoyl-α-methylpropionate 2,4-dinitrophenylhydrazone	-	Sol	Freq	Ramirez	JACS	77 (1955)	3768
$C_{18}H_{18}N_4O_8$	Terrein 2,4-dinitro-phenylhydrazone diacetate	-	Sol	Group freq	Barton	JCS	- (1955)	1028
$C_{18}H_{18}N_6D_{10}$	Di-DNP-L-Lysine	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469
$C_{18}H_{18}N_{10}O_{14}$	3-β-Dimethylamino-ethyl-1,2,4-triazole dipicrate	-	-	Ident	Ainsworth	JACS	76 (1954)	5651
$C_{18}H_{18}O$	trans-Benzalaceto-mesitylene	-	Sol	Band freq	Lutz	JACS	77 (1955)	1814
$C_{18}H_{18}O$	α-Equilenone-17	1091-1791	Sol	Band study	Jones	JACS	74 (1952)	80
$C_{18}H_{18}O$	Equilenone-17	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{18}H_{18}O$	Isoequilenone-17	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{18}H_{18}O$	$\Delta^{1,3,5:10,6,8}$ -	1700	Sol	Freq, Struct, Anal	Jones	JACS	71 (1949)	241
	Estrapentaeneone-16	1699-1799	Sol	Band study	Jones	JACS	74 (1952)	80
$C_{18}H_{18}O_2$	2,4-Dimethyl-5-hydroxy-6-allylbenzophenone	-	-	Band freq	Fuson	JACS	73 (1951)	4980
$C_{18}H_{18}O_2$	d-Equilenin	-	S	Band freq	Scheer	JACS	77 (1955)	3300
$C_{18}H_{18}O_2$	1-Mesityl-3-phenyl-propane-2,3-dione	2-7μ	Sol	Group freq	Barnes	JACS	75 (1953)	479
$C_{18}H_{18}O_2$	1-Mesityl-3-phenyl-1-propene-1-ol-3-one	2-7μ	Sol	Group freq	Barnes	JACS	75 (1953)	479

$C_{18}H_{18}O_2$	1-Mesityl-3-phenyl-2-propen-2-ol-1-one	2-7μ	Sol	Group freq	Barnes	JACS	75 (1953)	479
		-	Sol	Band freq, I	Fuson	JACS	75 (1953)	5952
$C_{18}H_{18}O_2S_2$	Diphenyldithio adipate	2.5-16μ	Sol	Struct	Nyquist	SA	15 (1959)	514
$C_{18}H_{18}O_3$	p-Duroylbenzoic acid	-	-	Ident	Fuson	JACS	77 (1955)	3776
$C_{18}H_{18}O_4$	7,4'-Dimethoxy-2-methylisoflavanone	-	-	Group freq	Bradbury	JCS	- (1953)	871
$C_{18}H_{18}O_4$	p-Ethylphenylmethylcarbinyl hydrogen phthalate	2-15μ	Sol,S	Iso	Eliel	JACS	75 (1953)	4585
$C_{18}H_{18}O_4$	2-Methoxypropionic acid,L-1-p-phenylphenacyl ester	-	Sol	Spec, Ident	Wiberg	JACS	74 (1952)	3891
$C_{18}H_{18}O_5$	dl-7,2'-Dimethoxy-3',4'-methylenedioxyisoflavan	-	-	Spec, Struct	Robertson	JCS	- (1954)	1440
$C_{18}H_{18}O_6$	3-Hydroxy-2-naphthylethylene glycol triacetate	-	S	Band study	Soffer	JACS	74 (1952)	1556
$C_{18}H_{18}O_6$	5-Hydroxy-3',4',7-trimethoxyflavanone	1550-4000	S	Group freq	Hergert	JACS	75 (1953)	1622
$C_{18}H_{18}O_7$	Diethylene glycol bis-(phenyl carbonate)	2-15μ	S	Spec	Kendall	AS	7 (1953)	179
$C_{18}H_{18}O_7$	3,5-Dihydroxy-3',4',7-trimethoxyflavanone	1550-4000	S	Group freq	Hergert	JACS	75 (1953)	1622

$C_{18}H_{19}F_3O_3$	Di-p-ethoxyphenyl (trifluoromethyl) carbinol	-	Sol	H bond, Freq	Kaluszyner	JACS	77 (1955)	4164
$C_{18}H_{19}F_3O_8$	3-Acetyl-4;6-benzylidene-2-trifluoroacetyl- α-methylglucoside	1720-1820	Sol	Spec, Struct, Group freq	Bourne	JCS	- (1951)	826
$C_{18}H_{19}F_3O_8$	2-Acetyl-4;6-benzylidene-3-trifluoroacetyl- α-methylglucoside	1720-1820	Sol	Spec, Struct, Group freq	Bourne	JCS	- (1951)	826
$C_{18}H_{19}N$	Diphenyl ketene-N-n butylimine	-	-	Group freq, Ident	Stevens	JACS	76 (1954)	4398
$C_{18}H_{19}NO$	N-(γ, γ-Dimethylallyl)benzanilide	-	-	Group freq, Struct	Laner	JACS	76 (1954)	3974
$C_{18}H_{19}NOS$	3,3-Dimethyl-1,4-diphenyl-4-methylmercapto-2-azetidinone	-	-	Spec, Band freq	Holley	JACS	73 (1951)	3172
$C_{18}H_{19}NO_2$	N-Benzyl-N-methyl-β-benzoylpropionamide	700-4000	Sol	Band assign, Struct	Cromwell	JACS	80 (1958)	4573
$C_{18}H_{19}NO_2$	Dimethylapoerysopine	-	-	Ident	Wiesner	JACS	77 (1955)	675
$C_{18}H_{19}NO_3$	Codeinone	-	-	Ident	Highet	JACS	77 (1955)	4399
$C_{18}H_{19}NO_3S$	4-Benzenesulfonamido-5,8-dihydro-6,7-dimethyl-1-naphthol	-	-	Group study	Adams	JACS	74 (1952)	2605
$C_{18}H_{19}NO_4$	Acetylcaranine	-	-	Band freq, Ident	Mason	JACS	77 (1955)	1253
		700-1500	S,Sol	Group freq	Briggs	AC	29 (1957)	904

$C_{18}H_{19}NO_4$	7-(2'-β-Hydroxyethyl-4',5'-dimethoxyphenyl)oxindole	-	-	Group freq	Wiesner	JACS	77 (1955)	675
$C_{18}H_{19}NO_5 \cdot HCl$	Dihydroxycodeinone hydrochloride	650-5000	S	Spec	Manning	APS	10 (1956)	85
$C_{18}H_{19}N_4OP$	Benzenephosphonic-diphenylhydrazide	2-21μ	S	Spec, Anal	Daasch	AC	23 (1951)	853
$C_{18}H_{19}N_5O_3S$	N-(Phenyl-p-azophenyl)thiocarbamyl-l-glutamine	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{18}H_{19}O_3B$	2-Ethoxycarbonyl-1-methylvinyldiphenylboronite	1500-1800	S	Freq, Assign, Bonding	Duncanson	JCS	- (1958)	3652
$C_{18}H_{20}$	Cyclooctadeca-1,3,10,12-tetrayne	3-15μ	S	Spec	Wolousky	JACS	81 (1959)	4600
$C_{18}H_{20}$	9,10-Dihydroretene	3-15μ	S,Sol	Spec, Anal	Laakso	JCS	- (1950)	221
$C_{18}H_{20}$	3,6-Dimethyl-1-p-tolylindan	7.5-14.5μ	-	Spec	Pines	JACS	71 (1949)	3534
$C_{18}H_{20}$	4-Methyl-2,4-diphenylpent-2-ene	-	-	Anal	Spivy	JCS	- (1953)	1647
$C_{18}H_{20}$	α-Methylstyrene dimer	3-4μ	L	Prism dispersion	Wright	RSI	15 (1944)	22
$C_{18}H_{20}$	p,p-Tetramethylene-1,2-diphenylethane	3-12μ	Sol	Spec	Cram	JACS	73 (1951)	5691
$C_{18}H_{20}$	1,1,3-Trimethyl-3-phenylindan	-	-	Anal	Spivy	JCS	- (1953)	1647
$C_{18}H_{20}ClNO_2$	Ethyl α-Benzylamino-β-chloro-β-phenylpropionate	2μ	-	Spec	Nakanishi	BCSJ	30 (1957)	403

$C_{18}H_{20}ClN_3O_6$	Hexamethylbenzene picryl chloride	3-16μ	S	Freq, Assign, Spec	Kross	SA	8 (1956)	142
$C_{18}H_{20}F_{14}O_4$	1,10-Decanediol bis-heptafluorobutyrate	-	L	Group freq	Rappaport	JACS	75 (1953)	2695
$C_{18}H_{20}F_{14}O_4$	bis-2,2,3,3,4,4,4-Heptafluorobutyl sebacate	-	L	Group freq	Rappaport	JACS	75 (1953)	2695
$C_{18}H_{20}N_2$	2-Methyl-3-(1'-phenyl-2'-aminopropyl)indole	-	Sol,S	Group freq	Noland	JACS	81 (1959)	1203
$C_{18}H_{20}N_2.HCl$	1,2-Dimethyl-3-(1'-phenyl-2'-aminoethyl) indole hydrochloride	-	Sol	Group freq	Noland	JACS	81 (1959)	1203
$C_{18}H_{20}N_2O$	5-Benzyloxygramine	2.85-9.95μ	Sol	Table, Group & Band freq, I	Ek	JACS	76 (1954)	5579
$C_{18}H_{20}N_2O$	1-Methyl-2-benzoyl-aminomethyltetra-hydroquinoline	650-3500	S	Spec, Band freq	Leonard	JACS	73 (1951)	3325
$C_{18}H_{20}N_2O$	1-Methyl-4-benzoyl-aminomethyltetra-hydroquinoline	650-3500	S	Spec, Band freq	Leonard	JACS	73 (1951)	3325
$C_{18}H_{20}N_2OS$	2-Phenyl-4-ethyloxa-zolidine phenyl-thiourea	-	L	Group freq, Struct	Goldberg	JACS	75 (1953)	6260
$C_{18}H_{20}N_2O_2$	σ-Duroylbenzoyl-hydrazine	-	-	Group freq	Fuson	JACS	74 (1952)	1626
$C_{18}H_{20}N_2O_2S_2 \cdot 2HCl$	Diphenyl disulfide-4,4'-di-(carboxy-iminoethyl ether) dihydrochloride	5.5-24μ	S	Spec, Band freq	Cymerman	JCS	- (1951)	1332

2HCl	iminoethyl ether) dihydrochloride							
$C_{18}H_{20}N_2O_4S_2 \cdot 2HCl$	Di-(p-carboxyimino-ethyl ether hydro-chloride)phenyl benzenethiolsulfonate	5.5-24μ	S	Spec, Band freq,	Cymerman	JCS	- (1951)	1332
$C_{18}H_{20}N_2O_5$	3-Acetyl-5-carbethoxy-2,6-dimethyl-4-o-nitrophenyl-1,4-dihydropyridine	-	S	Band freq	Berson	JACS	77 (1955)	444
$C_{18}H_{20}N_6$	N,N,N',N'-Tetrakis-2'-cyanoethyl-p-phenylene-diamine	-	-	Group study	Braunholtz	JCS	- (1953)	1817
$C_{18}H_{20}O$	Benzylacetomesitylene	-	Sol	Band freq	Lutz	JACS	77 (1955)	1814
$C_{18}H_{20}O$	1-Mesityl-1-phenyl-propanone	-	-	Group study	Fuson	JACS	68 (1946)	389
$C_{18}H_{20}O$	2-Mesityl-2-phenyl-vinyl methyl ether	-	-	Group study	Fuson	JACS	68 (1946)	389
$C_{18}H_{20}OS$	Dibenzyl ketone trimethylene hemi-thioketal	-	Sol	Band freq	Djerassi	JACS	75 (1953)	3704
$C_{18}H_{20}O_2$	2,4-Diallyl-3,5-dimethyl-4,7-methano-10-oxo-4,7,8,9-tetra-hydroinden-1-one	-	S	Group freq	Allen	JOC	20 (1955)	323
$C_{18}H_{20}O_2$	α-Dihydroequilenin	-	Sol	Band freq	Scheer	JACS	77 (1955)	3300
$C_{18}H_{20}O_2$	Equiline	-	S	Band freq	Scheer	JACS	77 (1955)	3300
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
$C_{18}H_{20}O_3$	Epigibberic acid	-	S,Sol	Group freq	Cross	JCS	- (1954)	4670
$C_{18}H_{20}O_3$	Gibberic acid	-	S,Sol	Group freq, Ident	Cross	JCS	- (1954)	4670

$C_{18}H_{20}O_3S$	Dibenzyl ketone trimethylene hemithioketal sulfone	-	Sol	Group freq	Djerassi	JACS	75 (1953)	3704
$C_{18}H_{20}O_4$	2,3,6,7-Tetramethoxy-9,10-dihydroanthracene	2-15 μ	S	Freq	Briggs	AC	29 (1957)	904
$C_{18}H_{21}BrN_2O_4$	3,4',5-Trimethyl-3', 4-dicarbethoxy-5'-bromodipyrrylmethane	2700-3500	Sol	Spec, H bond	Vestling	JACS	61 (1939)	3511
$C_{18}H_{21}BrO_2$	p-Hydroxy-p'-(ω-bromo-n-butoxy)bibenzyl	-	-	Group study	Fuson	JACS	75 (1953)	1325
$C_{18}H_{21}BrO_3$	p-Bromophenacyldeca-cis-2,cis-4-dienoate	-	S	Group assign	Crombie	JCS	- (1955)	1007
$C_{18}H_{21}BrO_3$	p-Bromophenacyl deca-cis-2-trans-4-dienoate	-	S	Group assign	Crombie	JCS	- (1955)	1007
$C_{18}H_{21}BrO_3$	p-Bromophenacyl deca-trans-2, cis-4-dienoate	-	S	Group assign	Crombie	JCS	- (1955)	1007
$C_{18}H_{21}BrO_3$	p-Bromophenacyl deca-trans-2,trans-4-dienoate	-	S	Group assign	Crombie	JCS	- (1955)	1007
$C_{18}H_{21}BrO_6$	8-Bromo-5,6-dimethoxy-3-methyl-3-hydroxy-2,4,9,10-tetrahydro-11-hydroxy-1-oxaphenanthreneacetic acid γ-lactone	2-12 μ	-	Band freq, Spec	Stork	JACS	73 (1951)	4748
$C_{18}H_{21}BrO_6$	3'-oxa-4'-methyl-4'-methoxy-1,2-cyclopenteno-5-bromo-7,8-dimethoxy-3,4-dihydro-2-hydroxy-1-naphthaleneacetic acid γ-lactone	2-12 μ	-	Spec, Struct	Stork	JACS	73 (1951)	4748

hydroxy-1-naphthalene-acetic acid γ-lactone								
$C_{18}H_{21}N$	4-Diethylaminostilbene	5-15μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{18}H_{21}N$	4-Dimethylamino-2,2'-dimethylstilbene	5-15μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{18}H_{21}N$	4-Dimethylamino-2',2'-dimethylstilbene (trans)	960	Sol	Struct	Orr	SA	8 (1956)	218
$C_{18}H_{21}N$	4-Dimethylamino-2',4'-dimethylstilbene	5-15μ 960	S Sol	Spec, Band freq, Table Struct	Thompson Orr	JCS SA	- (1950) 8 (1956)	214 218
$C_{18}H_{21}N$	4-Dimethylamino-2',5-dimethylstilbene (trans)	960	Sol	Struct	Orr	SA	8 (1956)	218
$C_{18}H_{21}N$	4-Dimethylamino-2',6'-dimethylstilbene	5-15μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{18}H_{21}N$	4-Dimethylamino-2',6'-dimethylstilbene (trans)	960	Sol	Struct	Orr	SA	8 (1956)	218
$C_{18}H_{21}N$	4-Dimethylamino-2'-ethylstilbene	5-15μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{18}H_{21}N$	4-Dimethylamino-2'-ethylstilbene (trans)	960	Sol	Struct	Orr	SA	8 (1956)	218
$C_{18}H_{21}N$	Duryl phenyl N-methyl ketimine	-	-	Freq	Fuson	JACS	75 (1953)	5321
$C_{18}H_{21}N$	N-α-Phenylpentylidenebenzylamine	600-4000	-	Spec, Assign	Hidalgo	ARS	53B (1957)	491

$C_{18}H_{21}NO_3$	3-Acetyl-5-carbethoxy-2,6-dimethyl-4-phenyl-1,4-dihydropyridine	-	S	Group freq	Berson	JACS	77 (1955)	444
$C_{18}H_{21}NO_3$	Codeine	- 650 3-4 μ	Sol S L,Sol	Group freq Spec Freq	Marion Manning Tallent	JACS APS AC	73 (1951) 10 (1956) 28 (1956)	305 85 953
$C_{18}H_{21}NO_3$	Dihydrocodeinone	650-5000	S	Spec	Manning	APS	10 (1956)	85
$C_{18}H_{21}NO_3 \cdot H_3PO_4 \cdot 1.5H_2O$	Codeine phosphate	5-7 μ	S	Anal	Park	AC	23 (1951)	953
$C_{18}H_{21}NO_3$	5-Methyldihydromorphinone	-	-	Struct	Stork	JACS	75 (1953)	4373
$C_{18}H_{21}NO_3$	Δ^7-Thebainone (Thebainone-A)	-	S	Struct, Iso, Ident	Bentley	JCS	- (1952)	967
$C_{18}H_{21}NO_3$	β-Thebainone-A	-	S	Struct, Iso, Ident	Bentley	JCS	- (1952)	967
$C_{18}H_{21}NO_3$	Thebainone-B	-	S	Struct, Iso, Ident	Bentley	JCS	- (1952)	967
$C_{18}H_{21}NO_3$	Thebainone-C	-	S	Struct, Iso, Ident	Bentley	JCS	- (1952)	967
$C_{18}H_{21}NO_4$	5,8,9,10,13,14-Hexahydro-2,3-dimethoxy-9-oxo-10-oxo-[5,6-2',3']--N-methylpyrrolidenephenanthrene	-	-	Group freq	Highet	JACS	77 (1955)	4399
$C_{18}H_{21}NO_4$	10-Hydroxydihydrocodeinone-6	-	-	Band freq, Struct	Rappoport	JACS	76 (1954)	1796
$C_{18}H_{21}NO_4$	8-Hydroxydihydrocodeinone	-	-	Freq	Findlay	JACS	73 (1951)	4001
$C_{18}H_{21}NO_4$	Manthidine	-	S	Group freq	Wildman	JACS	77 (1955)	1248

$C_{18}H_{21}NO_4$	Manthine	700-1500	S,Sol	Group freq	Briggs	AC	29 (1957)	904
		-	S	Group study	Wildman	JACS	77 (1955)	1248
		700-1500	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{18}H_{21}NO_5$	Ambelline	-	-	Group freq	Mason	JACS	77 (1955)	1253
$C_{18}H_{21}NO_5$	Tazettine	-	S	Group band	Wildman	JACS	77 (1955)	1248
		700-1500	S,Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{18}H_{21}NO_7S.HCl$	Riddelliine sulfite hydrochloride	-	S	Group freq	Adams	JACS	75 (1953)	4638
$C_{18}H_{21}N_3O_6$	2-Dicarbethoxyphenyl-methyl-4,6-dimethoxy-s-triazine	2-15μ	Sol	Freq	Reimschuessel	JACS	82 (1960)	3756
$C_{18}H_{21}O_6P$	Diethyl benzylcarboxy-phenyl phosphate	-	-	Freq, Assign	Ketelaar	RTC	78 (1959)	190
$C_{18}H_{22}$	9-Butyl-1,2,3,4-tetra-hydrophenanthrene	2-15μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{18}H_{22}$	1,3-Diphenyl-2-propylpropane	-	-	Purity of prep	Caves	JACS	76 (1954)	522
$C_{18}H_{22}$	2,3-Di-p-tolylbutane	-	-	Band freq, Ident	Pines	JACS	77 (1955)	343
$C_{18}H_{22}$	1-p-Tolyl-1-(2-methyl-5-ethylphenyl)ethane	7.5-14.5μ	-	Spec	Pines	JACS	71 (1949)	3534
$C_{18}H_{22}Br_2O_2$	2,4-Dibromo-β-estradiol	2-15μ	Sol	Characterisation	Winckelmann	SA	16 (1960)	1446
$C_{18}H_{22}ClNO_5$	6-Carbethoxy-6-(4'-carbethoxy)butyl-2-chloro-5-oxo-6,7-dihydro-1,5H-pyridine	-	Sol	Band freq	Ramirez	JACS	77 (1955)	1035

$C_{18}H_{22}ClNO_5$	Ethyl 2-(1'-carbethoxy-2'-oxocyclohexyl)methyl-6 chloronicotinate	-	-	Freq, Struct	Ramirez	JOC	19 (1954)	183
$C_{18}H_{22}NO_4P$	Dibenzyl morpholino-phosphonate	-	-	Group freq	Bellamy	JCS	- (1952)	1701
$C_{18}H_{22}NO_5P$	N-Dibenzylphosphonyl-glycine ethyl ester	3-15 μ	L,S	Spec, Group freq	Li	JACS	77 (1955)	3519
$C_{18}H_{22}N_2$	4,4'-bis-Dimethyl-aminostilbene	5-15 μ	S	Spec, Band freq, Table	Thompson	JCS	- (1950)	214
$C_{18}H_{22}N_2$	p,p'-Diaminobibenzyl-N,N'-1,4-n-butane	-	-	Table, Group freq	Fuson	JACS	75 (1953)	1327
$C_{18}H_{22}N_2O$	4,4'-bis-Dimethyl-aminodesoxybenzoin	-	S	Spec, Group freq, Struct	Allen	JACS	73 (1951)	1841
$C_{18}H_{22}N_2O_2$	N',N'-bis-(p-Ethoxy-phenyl)acetamidine	-	Sol	Anal	Marsh	AC	27 (1955)	636
$C_{18}H_{22}N_2O_4$	6-(1,3-Dimethyl-2-hydroxycyclohex-2-enyl)-2-amino-4-nitro-3-isopropyl-benzoic acid lactone	-	Sol	Group freq	Hansen	JACS	77 (1955)	1643
$C_{18}H_{22}N_2O_5$	2,4-Dinitro-17-deoxo-estrone	600-4000	S	Spec, H bond, Band study	Pickering	JACS	80 (1958)	680
$C_{18}H_{22}N_2O_6$	2,4-Dinitro-17B-estradiol	600-4000	S	Spec, H bond, Band study	Pickering	JACS	80 (1958)	680
$C_{18}H_{22}N_2O_7$	6-(1,3-Dimethyl-2-oxo-cyclohexyl)-2,4-dinitro-3-isopropylbenzoic acid	-	Sol	Band freq	Hansen	JACS	77 (1955)	1643

$C_{18}H_{22}N_4O_7$	N-Methyl-γ-phenyl-amylamine picrate	-	-	Ident	Leonard	JACS	75 (1953)	3727
$C_{18}H_{22}O$	2-Keto-$\Delta^{1(11)}$-nor-dehydroabietene	-	-	Group freq	Zeiss	JACS	75 (1953)	5935
$C_{18}H_{22}O$	1-Mesityl-3-phenyl-propanol-1	-	Sol	Band freq	Lutz	JACS	77 (1955)	1814
$C_{18}H_{22}O_2$	Di-(isopropylbenzene) peroxide	680-1760	Sol	Spec, Band freq	Philpotts	AC	24 (1952)	638
$C_{18}H_{22}O_2$	1,5-Dioxo-4,8,9,10-tetramethyl-1,2,3,4,5,6,7,8-octahydro-phenanthrene	5.7-15.7μ	S	Spec, Table	Mosby	JOC	19 (1954)	294
$C_{18}H_{22}O_2$	1,8-Dioxo-4,5,9,10-tetramethyl-1,2,3,4,5,6,7,8-octahydro-phenanthrene	5.7-15.7μ	S	Spec, Table	Mosby	JOC	19 (1954)	294
$C_{18}H_{22}O_2$	cis-Dimesityldiol	3μ	-	H bond	Moriconi	JOC	22 (1957)	1651
$C_{18}H_{22}O_2$	Estrone	-	S	Band freq	Scheer	JACS	77 (1955)	3300
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
		2.5-3.5μ	-	Group study	Kabasakalian	AC	31 (1959)	375
$C_{18}H_{22}O_2$	$\Delta^{4,9(10)}$-19-Norandro-stadiene-3,17-dione	-	Sol	Band freq	Zaffaroni	JACS	76 (1954)	6210
$C_{18}H_{22}O_2S_2$	meso-3,4-Di-(5-acetyl-2-thienyl)hexane	3-14.5μ	S	Band freq, Group freq	Sice	JACS	75 (1953)	1628
$C_{18}H_{22}O_3$	1,4-(5'-Acetoxy-6'-keto-$\Delta^{4'}$-decamethylene) benzene	-	Sol	Group freq	Cram	JACS	76 (1954)	2743

$C_{18}H_{22}O_3$	Estrololactone	700-4000 800-1300	S S	H bond, Struct, Spec, Freq, Ident	Gual Rosenkrantz	SA SA	13 (1958) 13 (1959)	248 291
$C_{18}H_{22}O_3Si_2$	bis-(Allylphenyl) disiloxanediol	-	L	Band freq, Assign	Frisch	JACS	74 (1952)	4584
$C_{18}H_{22}O_3Si_2$	bis-(Benzylvinyl) disiloxanediol	-	L	Band freq, Assign	Frisch	JACS	74 (1952)	4584
$C_{18}H_{22}O_4$	1,4-bis-(2',2"-Diacetylethyl) benzene	2.5-6.5μ	Sol	Freq, Group study	Martin	JACS	81 (1959)	130
$C_{18}H_{22}O_5$	2-Benzoyloxymethylene-1-carbethoxymethyl-cyclohexanol	2.89-14.55μ	S	Table, I	Dreiding	JACS	76 (1954)	6388
$C_{18}H_{22}O_5$	11-Carbethoxysantonin	2-15μ	Sol,S	Struct	Kanzawa	JACS	80 (1958)	3705
$C_{18}H_{22}O_7$	Diethyl 4,5,6-trimethoxy-indene-2,3-dicarboxylate	-	Sol	Group freq	Koo John	JACS	75 (1953)	1889
$C_{18}H_{22}O_8$	2,3-Diacetyl-4,6-benzylidene-α-methylglucoside	1720-1820	Sol	Spec, Struct,	Bourne	JCS	- (1951)	826
$C_{18}H_{22}O_{11}$	Asperuloside	727-3497	S	Group freq, Table, I	Briggs	JCS	- (1954)	4182
$C_{18}H_{22}Si$	Diphenylcyclohexyl-silane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{18}H_{23}BrO_2$	2-Bromo-β-estradiol	2-15μ	Sol	Characterisation	Winckelmann	SA	16 (1960)	1446
$C_{18}H_{23}BrO_2$	4-Bromo-β-estradiol	2-15μ	Sol	Characterisation	Winckelmann	SA	16 (1960)	1446
$C_{18}H_{23}BrO_5$	2-Bromo derivative of 11-carbethoxy-1,2-dihydrosantonin	2-15μ	S,Sol	Struct	Kanzawa	JACS	80 (1958)	3705

	dihydrosantonin							
$C_{18}H_{23}NO_2$	2,2'-Dihydroxy-3,3', 5,5'-tetramethyldibenzylamine	-	-	Spec, Freq, Assign	Igonin	DANS	121 (1958)	652
$C_{18}H_{23}NO_2$	5-Pelargonyl-8-quinolinol	-	-	Struct	Edgerton	JACS	74 (1952)	5209
$C_{18}H_{23}NO_3$	1-Benzyl-4-ethyl-4-s-amyl-2,3,5-pyrrolidinetrione	-	-	Spec	Skinner	JACS	72 (1950)	5569
$C_{18}H_{23}NO_3$	Dihydrocodeine	3-4μ	L,Sol	Group freq	Tallent	AC	28 (1956)	953
$C_{18}H_{23}NO_3$	Dihydrothebainone (racemic)	-	-	Spec	Elad	JACS	76 (1954)	312
		2-15μ	-	Ident	Elad	JCS	- (1954)	3052
$C_{18}H_{23}NO_3$	10-cis-Hydroxydihydrodesoxycodeine	-	Sol	H bond	Rappaport	JACS	77 (1955)	4330
$C_{18}H_{23}NO_3$	10-trans-Hydroxydihydrodesoxycodeine	-	Sol	Group freq	Rappaport	JACS	77 (1955)	4330
$C_{18}H_{23}NO_3$	2-Nitro-17-deoxoestrone	600-4000	S	Spec, H bond, Band study	Pickering	JACS	80 (1958)	680
$C_{18}H_{23}NO_3$	4-Nitro-17-deoxoestrone	600-4000	S	Spec, H bond, Band study	Pickering	JACS	80 (1958)	680
$C_{18}H_{23}NO_3$	1-(2-Phenylethyl-4-ethyl-4-n-butyl-2,3,5-pyrrolidinetrione	-	-	Absorption	Skinner	JACS	72 (1950)	5569
$C_{18}H_{23}NO_4$	8-Hydroxydihydrocodeine	-	-	Freq	Findlay	JACS	73 (1951)	4001
$C_{18}H_{23}NO_5$	6-(1,3-Dimethyl-2-oxocyclohexyl)-3-isopropyl-4-nitrobenzoic acid lactol	-	Sol	Group freq	Hansen	JACS	77 (1955)	1643

$C_{18}H_{23}NO_5$	α-Longilobine	750-4000	S	Spec	Adams	JACS	71 (1949)	1180
		-	-	Anal	Adams	JACS	71 (1949)	1956
		-	-	Ident	Adams	JACS	73 (1951)	134
		-	S	Group freq	Adams	JACS	75 (1953)	4638
$C_{18}H_{23}NO_6$	Riddelliine	-	-	Anal	Adams	JACS	71 (1949)	1956
		-	-	Group freq	Adams	JACS	75 (1953)	4638
$C_{18}H_{23}N_3O$	2,6,6-Tricyanoethyl-isophorone	5.5-8μ	Sol	Group freq	Bruson	JACS	75 (1953)	3585
$C_{18}H_{23}O_3P$	Di-O-tolyl butyl phosphite	870	Sol	Band study	Whiffen	TFS	41 (1945)	200
$C_{18}H_{23}O_3P$	Di-O-tolyl butane phosphonate	940	Sol	Band study	Whiffen	TFS	41 (1945)	200
$C_{18}H_{24}$	8-Octylnaphthalene	2-15μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{18}H_{24}$	1,3-Spiro [4,4] nonadiene dimer	-	-	Group freq	Cram	JACS	77 (1955)	3576
$C_{18}H_{24}Cl_2N_2O_2$	2,5-Dichloro-3,6-bis-2-diethylaminovinyl-benzoquinone	2200-8000	Sol	Band study	Buckley	JCS	- (1957)	4891
$C_{18}H_{24}N_4O_6$	cis-2-Methyl-2-carbethoxy-cyclopentane-1-acetone-2,4-dinitrophenylhydrazone	-	-	Group study, Band freq	Conroy	JACS	74 (1952)	3046
$C_{18}H_{24}N_4O_8S$	4-Acetamido-6-tri-acetyl-D-xylosidamino-2-methylthiopyrimidine	1450-1800	S	H bond, Spec	Brown	JCS	- (1948)	2265
$C_{18}H_{24}N_4O_8S$	4-(Triacetyl-D-xylosida-mino)-6-acetamido-2-methylthiopyrimidine	2-15μ	S	Spec, Group freq, Assign	Brownlie	JCS	- (1950)	3062

$C_{18}H_{24}N_6O_6$	6-Dimethylamino-9-(3'-amino-3'-deoxy-β-D-ribofuranosyl) purine triacetate	-	-	Ident	Baker	JACS	77 (1955)	12
$C_{18}H_{24}N_8$	1-Amino-2,6-dicyano-2,6-dimethylpiperidinetetrazene	2-15μ	-	Struct	Overberger	JACS	77 (1955)	4097
$C_{18}H_{24}O$	17-Deoxoestrone	600-4000	S	Spec, H bond, Band study	Pickering	JACS	80 (1958)	680
$C_{18}H_{24}O$	$\Delta^{5,7,9}$-Estratrienol-17β	1650-1800	Sol	Group Study	Jones	JACS	72 (1950)	956
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		-	S	Band freq	Scheer	JACS	77 (1955)	3300
$C_{18}H_{24}O$	2-[β-m-Isopropylphenethyl]-3-methyl-Δ^2-cyclohexenone	-	-	Freq	Stork	JACS	73 (1951)	3544
$C_{18}H_{24}O$	1-Ketonordehydroabietane	2-16μ	-	Spec, Group freq	Zeiss	JACS	75 (1953)	5935
$C_{18}H_{24}O$	2-Ketonordehydroabietane	-	-	Band study	Zeiss	JACS	75 (1953)	5935
$C_{18}H_{24}O$	1-Oxo-bis-nordehydroabietane	2-14μ	Sol	Ident, Band freq	Stork	JACS	73 (1951)	3544
		-	L	Ident, Struct	Jacobsen	JACS	75 (1953)	4709
$C_{18}H_{24}O_2$	2,5-Dicyclohexyl-p-benzoquinone	-	-	Substitution effect	Flagg	NWS	43 (1950)	467
		-	Sol	Assign, Shift	Flagg	A	626 (1959)	215
$C_{18}H_{24}O_2$	β-Estradiol	-	S	Band freq	Scheer	JACS	77 (1955)	3300
		650-3700	S	Spec, Assign	Smakula	SA	9 (1957)	346
		600-4000	S	Spec, H bond, Band study	Pickering	JACS	80 (1958)	680

		2.5-3.5 μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
		2-15 μ	Sol	Characterisation	Winckelmann	SA	16 (1960)	1496
$C_{18}H_{24}O_2$	dl-5,7,9-Estratriene 3β,17β-diol	-	S	Band freq	Scheer	JACS	77 (1955)	3300
$C_{18}H_{24}O_2$	$\Delta^{1,3,5:10}$-Estratrienediol-3,17 (α-Estradiol)	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Spec, Bands	Jones	JACS	72 (1950)	86
$C_{18}H_{24}O_2$	Δ^4-Estrenedione-3,17	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	Sol	Table, Group freq	Jones	JACS	74 (1952)	5648
		-	Sol	Group freq	Wilds	JACS	75 (1953)	5366
		-	Sol	Band freq	Djerassi	JACS	76 (1954)	4092
$C_{18}H_{24}O_3$	1,3,5(10)-Estratriene-3,16α,17β-triol (estriol)	-	S	Band freq	Scheer	JACS	77 (1955)	3300
		2.5-3.5 μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
$C_{18}H_{24}O_3$	2-Hydroxy-3,6-dicyclohexyl-p-benzoquinone	-	Sol	Assign, Shif:	Flaig	A	626 (1959)	215
$C_{18}H_{24}O_3$	Δ^4-19-Norandrostene-3,17-dione-11β-ol	-	Sol	Band freq	Zaffaroni	JACS	76 (1954)	6210
$C_{18}H_{24}O_4$	6,6a,7,8,9,10,11,11a-Octahydro-1,2,3-trimethoxy-5-keto-5H-cyclohepta[a]naphthalene	855-2900	Sol	Table	Gutsche	JACS	76 (1954)	1771
$C_{18}H_{24}O_4$	6,7,7a,8,9,10,11,11a-Octahydro-1,2,3-trimethoxy-5-keto-5H-dibenzo[9,c]cycloheptatriene	844-2900	Sol	Table	Gutsche	JACS	76 (1954)	1771

	heptatriene							
$C_{18}H_{24}O_5$	11-Carbethoxy-1,2-dihydrosantonin	2-15μ	S,Sol	Struct	Kanzawa	JACS	80 (1958)	3705
$C_{18}H_{24}O_6$	Butyl phthalyl butyl-glycolate (santocizer B-16)	2-15μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{18}H_{24}O_6$	ψ-Santonin cathylate	-	Sol	Group freq	Dauben	JACS	77 (1955)	606
$C_{18}H_{24}O_7$	Diethyl 4,5,6-tri-methoxyindane-2,3-dicarboxylate	-	Sol	Group freq	Koo	JACS	75 (1953)	1889
$C_{18}H_{24}O_{12}$	Scyllo-Inositol hexaacetate	-	S	Group & Band freq	Barker	JCS	- (1954)	4211
$C_{18}H_{25}NO$	N-Isobutyltetradeca-trans-2,trans-4-diene-8,10-diynamide	-	S	Group freq	Crombie	JCS	- (1955)	999
$C_{18}H_{25}NO.HBr$	5-Nonyl-8-quinolinol hydrobromide	-	-	Struct	Edgerton	JACS	74 (1952)	5209
$C_{18}H_{25}NO_2$	6-(1,3-Dimethyl-2-hydroxycyclohexyl)-4-amino-3-isopropyl-benzoic acid lactone	-	Sol	Group freq	Hansen	JACS	77 (1955)	1643
$C_{18}H_{25}NO_5$	Integerrimine	650-3800	S,Sol	Spec, Band freq	Adams	JACS	75 (1953)	4631
$C_{18}H_{25}NO_5$	Usaramoensine	650-3800	S,Sol	Spec, Band freq	Adams	JACS	75 (1953)	4631
$C_{18}H_{25}NO_6$	Dihydroriddelliine	-	-	Group freq	Adams	JACS	75 (1953)	4638
$C_{18}H_{25}NO_6$	Ethyl 2-(1'-carbethoxy-2'-oxocyclohexyl)methyl-1,4,5,6-tetrahydro-6-oxonicotinate	-	-	Band freq	Ramirez	JOC	19 (1954)	183
$C_{18}H_{25}NO_6$	Jacobine	2-15μ	S,L	Spec	Bradbury	AJC	9 (1956)	258

$C_{18}H_{25}NO_6$	β-Longilobine	950-4000	S	Anal, Spec	Adams	JACS	71 (1949)	1180
		-	-	Anal	Adams	JACS	71 (1949)	1956
		-	-	Band freq	Adams	JACS	75 (1953)	4638
$C_{18}H_{25}NO_6$	Senecionine	650-3600	S,Sol	Spec, Struct, Anal	Adams	JACS	71 (1949)	1953
		-	-	Anal	Adams	JACS	71 (1949)	1956
		650-3800	S,Sol	Spec, Band freq, Ident	Adams	JACS	75 (1953)	4631
$C_{18}H_{26}$	Octahydroretene	3-15μ	Sol	Spec, Anal	Laakso	JCS	- (1950)	221
$C_{18}H_{26}ClNO_6$	Jaconine	2-15μ	S,L	Spec	Bradbury	AJC	9 (1956)	258
$C_{18}H_{26}N_2.H_2SO_4$	d-Amphetamine sulphate	650-4000	-	Spec	Chatten	AC	31 (1959)	1581
$C_{18}H_{26}N_2.H_2SO_4$	dl-Amphetamine sulphate	650-4000	-	Spec	Chatten	AC	31 (1959)	1581
$C_{18}H_{26}N_2O_2$	6-1,3-Dimethyl-2-hydroxycyclohexyl)-2,4-diamino-3-iso-propylbenzoic acid lactone	-	Sol	Ident	Hansen	JACS	77 (1955)	1643
$C_{18}H_{26}N_2O_4$	Benzoylvalylvaline, methyl ester "natural"	650-3600	S	Spec	Hinman	JACS	72 (1950)	1620
$C_{18}H_{26}N_2O_4$	Benzoyl-D-valyl-D-valine, methyl ester	650-3600	S	Spec	Hinman	JACS	72 (1950)	1620
$C_{18}H_{26}N_2O_4$	Benzoyl-D-valyl-D-valine, methyl ester + Benzoyl-L-valyl-L-valine, methyl ester	650-3600	S	Spec	Hinman	JACS	72 (1950)	1620

$C_{18}H_{26}N_2O_4$	Benzoyl-D-valyl-L-valine, methyl ester + Benzoyl-L-valyl-D-valine methyl ester	650-3600	S	Spec	Hinman	JACS	72 (1950)	1620
$C_{18}H_{26}O$	2,4-Dimethyl-6-isobornylphenol	3μ	Sol,L, S	H bond	Sears	JACS	71 (1949)	4110
$C_{18}H_{26}O_2$	3,5-Dimethyl-1,8-dioxo 2,4-di-n-propyl-3a, 4,5,6,7,7a-hexahydro-4,7-methanoindene	-	S	Group freq	Allen	JOC	20 (1955)	323
$C_{18}H_{26}O_2$	Estranedione-3,17	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{18}H_{26}O_2$	17β-Hydroxy-4-estren-3-one	-	Sol	Group freq	Wilds	JACS	75 (1953)	5366
$C_{18}H_{26}O_2$	17β-Hydroxy-5(10) estrene-3-one	-	S	Group freq	Wilds	JACS	75 (1953)	5366
$C_{18}H_{26}O_2$	6-Hydroxy-7-keto-1, 12-p-phenylenedodecane	-	-	Group freq	Cram	JACS	76 (1954)	6132
$C_{18}H_{26}O_2$	dl-γ-3-(p-Hydroxyphenyl)-4-(4'-ketocyclohexyl)hexane	677-3340	S	Table	Ungnade	JACS	69 (1947)	2629
$C_{18}H_{26}O_3$	1-Acetoxy-5,9,11-trimethyltricyclo-$[7.3.1.0^{2,7}]$ tride C-2(7)-en-3-one	-	-	Ident	Ayer	JCS	- (1955)	2227
$C_{18}H_{26}O_4$	Diamyl phthalate	1050-1800	-	Freq, Spec	Barnes	IEC	15 (1943)	659
		-	L	Spec	Kapff	JCP	16 (1948)	446
		-	L	Band freq, I	Kendall	APS	7 (1953)	179

$C_{18}H_{26}O_4$	2α,4b-Dimethyl-7-ethylenedioxy-1,2,3,4,4aα,4b,5,6,7,8,10,10aβ-dodecahydrophenanthrene-4β-ol-1-one	-	S	Group freq, Ident	Lukes	JACS	75 (1953)	1707
$C_{18}H_{26}O_4$	4β,4b-Dimethyl-7-ethylenedioxy-1,2,3,4,4aα,4b,5,6,7,8,10,10aβ-dodecahydrophenanthrene-4β-ol-1-one	-	S	Group freq, Ident	Lukes	JACS	75 (1953)	1707
$C_{18}H_{26}O_5$	4b-Methyl-2-hydroxymethyl-7-ethylenedioxy-1,2,3,4,4aα,4b,5,6,7,8,10,10aβ-dodecahydrophenanthrene-4β-ol-1-one	-	S	Group freq	Lukes	JACS	75 (1953)	1707
$C_{18}H_{26}O_8$	Tetraethyl hex-3-yne-1,1,6,6-tetracarboxylate	-	Sol	Group study	Jones	JCS	- (1954)	3208
$C_{18}H_{26}O_{12}$	Mannitol hexaacetate	8-15μ	S	Spec	Kuhn	AC	22 (1950)	276
$C_{18}H_{26}O_{12}$	Sorbitol hexaacetate	8-15μ	S	Spec	Kuhn	AC	22 (1950)	276
$C_{18}H_{27}NO_3$	N-(4-Hydroxy-3-methoxybenzyl)-8-methyl-non-trans-6-enamide	718-3090	S	Table, Group freq	Crombie	JCS	- (1955)	1025
$C_{18}H_{27}NO_4$	Ethyl α-(N-ethyl-N-γ'-carbethoxypropylamino) phenylacetate	-	-	Group freq	Leonard	JACS	75 (1953)	3727
$C_{18}H_{27}NS$	2-Undecylbenzothiazole	2-16μ	L	Spec	Du Brow	JACS	74 (1952)	6241

				Spec	Du Brow	JACS	74 (1952)	6241
$C_{18}H_{28}$	p-Dodecamethylene-benzene	-	-	Ident	Cram	JACS	76 (1954)	6132
$C_{18}H_{28}N_2O_2$	N(1-Piperidinoiso-propyl)-N-carbethoxy-benzylamine	-	-	Spec	Lazizza	GCI	90 (1960)	848
$C_{18}H_{28}O$	Nonyl p-xylyl ketone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{18}H_{28}O_2$	dl-3-(p-Hydroxy-phenyl)-4-(4c-hydroxycyclohexyl) hexane	705-3444	S	Table	Ungnade	JACS	69 (1947)	2629
$C_{18}H_{28}O_2$	dl-3-(p-Hydroxyphenyl)-4-(4t-hydroxycyclo-hexyl)hexane	686-3404	S	Table	Ungnade	JACS	69 (1947)	2629
$C_{18}H_{28}O_2$	9,12-Octadecadiynoic acid	2-16μ	Sol	Spec	Walborsky	JACS	73 (1951)	2590
$C_{18}H_{28}O_2$	α-Parinaric acid	2.5-15μ	Sol	Spec	Ahlers	JAPC	3 (1953)	433
$C_{18}H_{28}O_2$	β-Parinaric acid	2.5-15μ	Sol	Spec	Ahlers	JAPC	3 (1953)	433
$C_{18}H_{28}O_3$	2β-Acetoxy-4a,7-dimethylperhydro-8-phenanthrone	-	-	Spec	Reufrow	JACS	75 (1953)	1347
$C_{18}H_{28}O_3$	5,17β-Dihydroxy-3,5-seco-4-nor-androstan-3-oic acid-3,5-lactone	1000-1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{18}H_{28}O_3$	4-(4-Hydroxycyclo-hexyl)-3-(4-hydroxy-phenyl)-2-hexanol	2-13μ	S	Spec, Struct	Burckhalter	JACS	74 (1952)	187
$C_{18}H_{28}O_3$	3,4-bis-(4-Oxocyclo-hexyl)-2-hexanone	2-13μ	S	Spec, Struct	Burckhalter	JACS	74 (1952)	187
$C_{18}H_{28}O_{12}$	D-Galactose dimethyl-acetal pentaacetate	8-15μ	S	Spec	Kuhn	AC	22 (1950)	276

$C_{18}H_{29}NO_2$	Dicyclohexylamine 1,6-hexdiyne-1,6-diol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{18}H_{29}NO_2$	N-Phenyllaurino hydroxamate	700-4000	S,Sol	Spec, H bond	Hadzi	SA	10 (1958)	38
$C_{18}H_{30}$	1,3-Dimethyl-2-n-decylbenzene	-	-	Freq	Schlatter	JACS	76 (1954)	4952
$C_{18}H_{30}$	9,9-Dimethyl-10-phenyldecane	2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{18}H_{30}$	n-Dodecylbenzene	2-16μ	L	Spec	Gray	JOC	20 (1955)	51
		2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{18}H_{30}$	6-Ethyl-10-phenyl-decane	2-15μ	L	Spec, truct	Hawkes	SA	16 (1960)	633
$C_{18}H_{30}$	Hexaethylbenzene	700-3100	L,S	Spec	Richards	PRS	195 (1948)	1
$C_{18}H_{30}$	2-Methyl-2-phenyl-undecane	2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{18}H_{30}$	2-Methyl-11-phenyl-undecane	2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{18}H_{30}$	4-Methyl-4-phenyl-undecane	2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{18}H_{30}$	2-Phenyldodecane	2-15.5μ	L	Spec, Struct, Ident	Lenneman	JOC	19 (1954)	463
		2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{18}H_{30}$	4-Phenyldodecane	2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{18}H_{30}$	5-Phenyldodecane	2-16μ	L	Spec	Gray	JOC	20 (1955)	51
		2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{18}H_{30}$	2,5,7,7-Tetramethyl-2-phenyloctane	2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633

$C_{18}H_{30}$	2-phenyloctane							
$C_{18}H_{30}$	1,3,5-Tri-n-butyl-benzene	-	Sol	Spec, Freq	McCaulay	JACS	76 (1954)	2354
$C_{18}H_{30}$	1,3,5-Tri-sec-butyl-benzene	-	Sol	Spec, Freq	McCaulay	JACS	76 (1954)	2354
$C_{18}H_{30}$	1,3,5-Tri-t-butyl-benzene	-	-	Ident	Bartlett	JACS	76 (1954)	2349
		2-15 μ	Sol	Spec, Group freq	McCaulay	JACS	76 (1954)	2354
$C_{18}H_{30}D_4$	8,8,11,11-Tetradeutero-9-octadecyne	2-10.8 μ	-	Spec	Max	JAOC	28 (1951)	110
$C_{18}H_{30}Br_6O_2$	9,10,12,13,15,16-Hexabromostearic acid	475-1800	S	Spec, Band freq	Sinclair	JACS	74 (1952)	2578
$C_{18}H_{30}O$	2,6-Di-t-butyl-4-s-butylphenol	3 μ	Sol	H bond, Band study	Sears	JACS	71 (1949)	4110
$C_{18}H_{30}O$	Estranol-17β	1650-1800	Sol	Group study	Jones	JACS	72 (1950)	956
		-	Sol	Table, Group freq	Jones	JACS	74 (1952)	5648
$C_{18}H_{30}O$	2,4,6-Tri-s-butyl-phenol	900-1030	Sol	Freq	Puttnam	JCS	- (1960)	5100
		3500-3800	Sol	Freq	Puttnam	JCS	- (1960)	2034
		650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294
$C_{18}H_{30}O$	2,4,6-Tri-t-butyl-phenol	-	-	Freq, Shift	Coggeshall	JACS	69 (1947)	1620
		3 μ	Sol	H bond	Sears	JACS	71 (1949)	4110
		5-6 μ	Sol	Spec	Young	AC	23 (1951)	709
		-	-	Ident	Bartlett	JACS	76 (1954)	2349
		3200-3800	Sol	Spec	Cook	JACS	77 (1955)	1672
		9.52 μ	Sol	Anal	Curry	AC	29 (1957)	1717
		13.0 μ	Sol	Anal	Scheddel	AC	29 (1957)	1552
		3570-3700	Sol	Freq	Flynn	AJC	12 (1959)	575
		-	Sol	Spec	Goddu	JACS	82 (1960)	4533
		3500-3800	Sol	Freq	Puttnam	JCS	- (1960)	5100
		650-1400	Sol	Spec	Shrewsbury	SA	16 (1960)	1294
$C_{18}H_{30}O$	2,4,6-Triisopropyl-phenyl isopropyl ether	2-16 μ	Sol	Spec, Anal	Morton	JACS	76 (1954)	2973

$C_{18}H_{30}O_2$	2α-Acetoxy-4a,7-dimethylperhydrophenanthrene	-	-	Spec, Config.	Renfrow	JACS	75 (1953)	1347
$C_{18}H_{30}O_2$	Linolenic acid	1100-1400	S	Spec	Jones	JACS	74 (1952)	2575
		650-3500	L	Spec, Band freq	Sinclair	JACS	74 (1952)	2575
		2.5-15μ	L	Spec	Ahlers	JAPC	3 (1953)	433
		0.9-3μ	Sol	Spec	Holman	AC	28 (1953)	1533
$C_{18}H_{30}O_2$	α-Elaeostearic acid	2.5-15μ	Sol	Spec	Ahlers	JAPC	3 (1953)	433
		700-1000	S	Struct	Crombie	JCS	- (1954)	2816
		-	-	Freq	Wendland	AC	26 (1954)	1469
		-	-	Band freq	Crombie	JCS	- (1955)	995
$C_{18}H_{30}O_2$	β-Elaeostearic acid	2.5-15μ	Sol	Spec	Ahlers	JAPC	3 (1953)	433
		700-1000	S	Struct	Crombie	JCS	- (1954)	2816
		-	-	Freq	Wendland	AC	26 (1954)	1469
		-	S	Freq	Crombie	JCS	- (1955)	995
$C_{18}H_{30}O_2$	Estranediol-3,17β	1650-1800	Sol	Group study	Jones	JACS	72 (1950)	956
$C_{18}H_{30}O_2$	9,12,15-Linolenelaidic acid	2.5-15μ	Sol	Spec	Ahlers	JAPC	3 (1953)	433
$C_{18}H_{30}O_2$	trans-Octadec-11-en-9-ynoic acid	-	Sol	Band freq, Ident	Grigor	JCS	- (1955)	1069
$C_{18}H_{30}O_2$	Punicic acid	2.5-15μ	Sol	Struct, Group study	Ahler	N	173 (1954)	1045
$C_{18}H_{30}O_3$	18-Hydroxyoctadeca-cis-9-trans-11-trans-13-trienoic acid	700-1000	S	Table, Group freq, Struct	Crombie	JCS	- (1954)	2816
		-	-	Band freq	Crombie	JCS	- (1955)	995
$C_{18}H_{30}O_3$	18-Hydroxyoctadeca-trans-9-trans-11-trans-13-trienoic acid	700-1000	S	Table, Group freq,	Crombie	JCS	- (1954)	2816
$C_{18}H_{30}O_3$	12-Oxooctadeca-9,10-dienoic acid	-	S	Group freq	Crombie	JCS	- (1955)	1740

$C_{18}H_{30}O_4$	Decamethyleneglycol dimethacrylate	-	L,S	Anal, Group freq	Loshaek	JACS	75 (1953)	3544
$C_{18}H_{30}O_8S_2$	L-Rhamnose diethyl mercaptal tetra-acetate	8-15μ	S	Spec	Kuhn	AC	22 (1950)	276
$C_{18}H_{31}O_4P$	Diethyl p-(2-ethyl-hexyl)phenylphosphate	-	-	Group freq	Bellamy	JCS	- (1952)	1701
$C_{18}H_{32}$	9-n-Butyl-(tetradeca-hydroanthracene)	12.6-14.7μ	L,Sol	Struct, Group study	Francis	AC	25 (1953)	1466
$C_{18}H_{32}$	Perhydroretene	3-15μ	L,Sol	Spec, Anal	Loakso	JCS	- (1950)	221
$C_{18}H_{32}D_2O_2$	9,10-Dideuterooleic acid	-	-	Group freq	Khan	JACS	74 (1952)	3018
$C_{18}H_{32}D_4$	8,8,11,11-Tetra-deutero-cis-9-octadecene	2-10.8μ	-	Spec	Max	JAOC	28 (1951)	110
$C_{18}H_{32}D_4O_2$	6,7,9,10-Tetradeutero-stearic acid	9μ	-	Freq	Coblentz	PR	49 (1936)	869A
$C_{18}H_{32}Br_4O_2$	9,10,12,13-Tetrabromo-stearic acid	1100-1400 475-1800	S S,Sol	Spec Spec, Freq, Anal	Jones Sinclair	JACS JACS	74 (1952) 2575 74 (1952) 2578	
$C_{18}H_{32}N_2$	1-6-n-Propylsparteine	-	-	Band freq	Leonard	JACS	77 (1955)	1552
$C_{18}H_{32}N_6O_7$	Penta-L-alanyl-L-alanine	-	S	Struct comparison	Zahn	A	636 (1960)	132
$C_{18}H_{32}O$	Ximenynyl alcohol	2.5-15μ	L	Group freq	Ahlers	JCS	- (1952)	5039
$C_{18}H_{32}OSi$	Trimethylsilylnonyl phenyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{18}H_{32}O_2$	Chaulmoogric acid	-	-	Ident	Mislow	JACS	77 (1955)	3807

$C_{18}H_{32}O_2$	Linoleic acid	2-16μ	Sol	Spec	Walborsky	JACS	73 (1951)	2590
		1100-1400	S	Spec, Band study	Jones	JACS	74 (1952)	2575
		650-3500	S,L	Spec, Freq, Anal	Sinclair	JACS	74 (1952)	2578
		-	-	Spec	Ahlers	JAPC	3 (1953)	433
		-	-	Ident	Howton	JACS	76 (1954)	4970
		0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{18}H_{32}O_2$	9,11-Linoleic acid (cis-trans)	2.5-15μ	L	Spec	Ahlers	JAPC	3 (1953)	433
$C_{18}H_{32}O_2$	9,11-Linoleic acid (trans-trans)	2.5-15μ	L	Spec	Ahlers	JAPC	3 (1953)	433
$C_{18}H_{32}O_2$	trans-10-cis-12-Linoleic acid	2.5-15μ	L	Spec	Ahlers	JAPC	3 (1953)	433
		-	-	Freq	Wendland	AC	26 (1954)	1469
$C_{18}H_{32}O_2$	trans-10-trans-12-Linoleic acid	2.5-15μ	L	Spec	Ahlers	JAPC	3 (1953)	433
		-	-	Freq	Wendland	AC	26 (1954)	1469
$C_{18}H_{32}O_2$	9,12-Linolelaidic acid	2.5-15μ	L	Spec	Ahlers	JAPC	3 (1953)	433
$C_{18}H_{32}O_2$	trans-9-trans-12-Linolelaidic acid	-	-	Freq	Wendland	AC	26 (1954)	1469
$C_{18}H_{32}O_2$	2,3,4,4,7,7,8,9-Octamethyl-5-hydroxy-6-keto-2,8-decadiene	-	-	Group freq	Van Heyningen	JACS	77 (1955)	4016
$C_{18}H_{32}O_2$	Stearolic acid	2-16μ	Sol	Spec	Welborsky	JACS	73 (1951)	2590
		0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{18}H_{32}O_3$	12-Ketoelaidic acid	0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
		2-12μ	Sol	Substitution effect	McCutchon	JAOC	36 (1959)	450
$C_{18}H_{32}O_3$	9-Hydroxy-12-octadecynoic acid	0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{18}H_{32}O_4$	9,14-Dihydroxy-10,12-octadecadienoic acid	800-3600	S	Ident	Davis	JACS	72 (1950)	124
$C_{18}H_{32}O_4$	9,12-Diketostearic acid	600-3600	S	Ident	Davis	JACS	72 (1950)	124

$C_{18}H_{32}O_4$	9,12-Diketostearic acid	600-3600	S	Ident	Davis	JACS	72 (1950)	124
$C_{18}H_{32}O_4$	9,14-Diketostearic acid	600-3600	S	Ident	Davis	JACS	72 (1950)	124
$C_{18}H_{32}O_4$	12-keto-9,10-oxido-stearic acid	0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{18}H_{32}O_7$	Tri-n-butyl citrate	2-15μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{18}H_{32}O_{16}$	O-α-D-Glucopyranosyl-(1$\rightarrow$2)-C-β-D-fructo-furanosyl-(1$\rightarrow$2)-β-D-fructofuranoside	780-980 700-1000	S S	Spec, Ident Group & Band freq	Barker Barker	JCS JCS	- (1954) - (1954)	2125 4550
$C_{18}H_{32}O_{16}$	O-α-D-Glucopyranosyl-(1$\rightarrow$2)-O-β-D-fructo-furanosyl-(6$\rightarrow$2)-β-D-fructofuranoside	700-1000 780-980	S S	Group & Band freq Spec, Ident	Barker Barker	JCS JCS	- (1954) - (1954)	4550 2125
$C_{18}H_{32}O_{16}$	Raffinose	8-15μ	S	Spec	Kuhn	AC	22 (1950)	276
$C_{18}H_{32}Si$	Phenyl-n-dodecyl-silane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{18}H_{33}N$	cis-Δ^9-Octadecene-nitrile	2-15μ 2-15μ	L S	Spec Spec, Group freq	Kendall French	APS JPC	7 (1953) 58 (1954)	179 805
$C_{18}H_{33}O_3B$	Tricyclohexyl borate	670-1800	S	Spec, Freq	Werner	AJC	8 (1955)	355
$C_{18}H_{34}$	1,1-Dicyclohexylhexane	-	-	Band freq,	Bomstein	AC	25 (1953)	512
$C_{18}H_{34}$	1,6-Dicyclohexylhexane	-	-	Band freq	Bomstein	AC	25 (1953)	512
$C_{18}H_{34}$	1,3-Dicyclohexyl-2-propylpropane	-	-	Purity of Prep.	Caves	JACS	76 (1954)	522
$C_{18}H_{34}$	n-Octadecyne-1	-	-	Freq, Band freq	Elsner	JCS	- (1951)	893
$C_{18}H_{34}O_2$	Elaidic acid	2-16μ 2-15μ	Sol S	Spec Spec	Rao Fred	JACS AC	70 (1948) 21 (1949)	1102 900

		2-16μ	Sol	Spec	Benedict	JACS	72 (1950)	4356
		-	Sol	Anal	Shreve	AC	22 (1950)	1261
		2-16μ	Sol	Spec	Shreve	AC	22 (1950)	1498
		-	Sol	Anal	Swern	JAOC	27 (1950)	17
		-	Sol	Freq	Fusari	JAOC	28 (1951)	416
		1100-1400	S	Spec, Band study	Jones	JACS	74 (1952)	2575
		700-3400	S,Sol	Spec, Band freq, Anal	Sinclair	JACS	74 (1952)	2578
		2.5-15μ	Sol	Spec	Ahlers	JAPC	3 (1953)	433
		5-16μ	Sol	Spec, Struct	Freeman	JACS	75 (1953)	1859
		-	-	Group freq	Skellon	JCS	- (1953)	138
		-	-	Freq	Wendland	AC	26 (1954)	1469
		0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
		2-12μ	Sol	Substitution effect	McCutchon	JAOC	36 (1959)	450
		1180-1350	S	Spec	Susi	AC	31 (1959)	910
$C_{18}H_{34}O_2$	cis-2-Octadecenoic acid	-	Sol	Group freq	Myers	JACS	73 (1951)	2180
		650-1800	S,Sol	Spec, Band freq, Anal	Sinclair	JACS	74 (1952)	2578
$C_{18}H_{34}O_2$	trans-2-Octadecenoic acid	-	Sol	Group freq	Myers	JACS	73 (1951)	2100
		650-1800	S,Sol	Spec, Band freq, Anal	Sinclair	JACS	74 (1952)	2578
$C_{18}H_{34}O_2$	cis-6-Octadecenoic acid	-	Sol	Anal	Shreve	AC	22 (1950)	1261
		2-16μ	Sol	Spec	Shreve	AC	22 (1950)	1498
		-	Sol	Anal	Swern	JAOC	27 (1950)	17
		-	Sol	Freq	Fusari	JAOC	28 (1951)	416
$C_{18}H_{34}O_2$	trans-6-Octadecenoic acid	-	Sol	Anal	Shreve	AC	22 (1950)	1261
		2-16μ	Sol	Spec	Shreve	AC	22 (1950)	1498
		-	Sol	Anal	Swern	JAOC	27 (1950)	17
		-	Sol	Freq	Fusari	JAOC	28 (1951)	416
		0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
		1180-1350	S	Spec	Susi	AC	31 (1959)	910
$C_{18}H_{34}O_2$	cis-7-Octadecenoic acid	-	Sol	Freq	Fusari	JAOC	28 (1951)	416
$C_{18}H_{34}O_2$	trans-7-Octadecenoic acid	-	Sol	Freq	Fusari	JAOC	28 (1951)	416
		1180-1350	S	Spec	Susi	AC	31 (1959)	910
$C_{18}H_{34}O_2$	cis-8-Octadecenoic acid	-	Sol	Freq	Fusari	JAOC	28 (1951)	416
$C_{18}H_{34}O_2$	trans-8-Octadecenoic acid	2-16μ	Sol	Spec	Benedict	JACS	72 (1950)	4356

		-	Sol	Freq	Fusari	JAOC	28 (1951)	416
		1180-1350	S	Spec	Susi	AC	31 (1959)	910
		650-4000	-	Spec, Group freq	Parry	JPC	64 (1960)	955
$C_{18}H_{34}O_2$	cis-11-Octadecenoic acid	-	Sol	Freq	Fusari	JAOC	28 (1951)	416
$C_{18}H_{34}O_2$	trans-11-Octadecenoic acid	2-16 μ	-	Spec	Ahmad	JACS	70 (1948)	3391
		2-16 μ	Sol	Spec	Rao	JACS	70 (1948)	1102
		-	Sol	Freq	Fusari	JAOC	28 (1951)	416
		1180-1350	S	Spec	Susi	AC	31 (1959)	910
		600-3200	L	Assign	Susi	JACS	81 (1959)	1535
$C_{18}H_{34}O_2$	cis-$\Delta^{9:10}$-Octadecenoic acid	1-0 μ	L	Spec	Coblentz	BBS	7 (1911)	619
		0.6-2 μ	L	Spec	Coblentz	BBS	17 (1922)	267
		2-16 μ	Sol	Spec	Rao	JACS	70 (1948)	1102
		2.5-15.5 μ	S	Spec	Fred	AC	21 (1949)	900
		-	L	Peanut oil study	Barr	PR	79 (1950)	416
		2-16 μ	L	Spec	Benedict	JACS	72 (1950)	4356
		-	Sol	Anal	Shreve	AC	22 (1950)	1261
		2-15 μ	Sol	Spec	Shreve	AC	22 (1950)	1498
		-	Sol	Anal	Swern	JAOC	27 (1950)	17
		1650-1800	Sol	Group study	Cross	TFS	47 (1951)	354
		-	Sol	Freq	Fusari	JAOC	28 (1951)	416
		-	-	Spec	Marron	AC	23 (1951)	548
		5.4-6.3 μ	S	Spec, Band study	Allison	AC	24 (1952)	630
		2-15 μ	L	Spec	Hanahan	JACS	74 (1952)	5070
		1100-1400	S	Spec, Band study	Jones	JACS	74 (1952)	2575
		650-3500	S	Spec, Band freq, Anal	Sinclair	JACS	74 (1952)	2578
		2.5-15 μ	L	Spec	Ahlers	JAPC	3 (1953)	433
		5-16 μ	L	Spec, Struct	Freeman	JACS	75 (1953)	1859
		2-15 μ	S	Spec, Group freq	French	JPC	58 (1954)	805
		0.9-3 μ	Sol	Spec	Holman	AC	28 (1956)	1533
		3-4 μ	Sol	Group freq	Tallent	AC	28 (1956)	953
		1.4-2.6 μ	Sol	Group study	Fenton	JAOC	36 (1959)	620
$C_{18}H_{34}O_2$	Oleic acid absorbed on fluorite (CaF_2 ore)-water washed	2-15 μ	S	Spec, Group freq	French	JPC	58 (1954)	805

$C_{18}H_{34}O_2$	Oleic acid absorbed on fluorite (CaF_2 ore) -water and acetone washed	2-15μ	S	Spec, Group freq	French	JPC	58 (1954)	805
$C_{18}H_{34}O_2$	γ-Stearolactone	-	-	Group freq	Radell	JACS	76 (1954)	4188
$C_{18}H_{34}O_3$	cis-9,10-Epoxystearic acid	2-15μ	S,Sol	Spec, Anal	Shreve	AC	23 (1951)	277
		2-12μ	Sol	Spec, Table, H bond	O'Connor	JOC	18 (1953)	693
$C_{18}H_{34}O_3$	trans-9,10-Epoxy-stearic acid	2-15μ	S,Sol	Spec, Anal	Shreve	AC	23 (1951)	277
		2-12μ	Sol	Spec, Table, H bond	O'Connor	JOC	18 (1953)	693
		0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{18}H_{34}O_3$	Ricinelaidic acid	2.5-15μ	Sol	Spec	Ahlers	JAPC	3 (1953)	433
		2-12μ	Sol	Substitution effect	McCutchon	JAOC	36 (1959)	450
$C_{18}H_{34}O_3$	Ricinoleic acid	2-15μ	Sol	Spec	Ard	AC	23 (1951)	133
		2.5-15μ	L	Spec	Ahlers	JAPC	3 (1953)	433
		-	-	Ident	Crombie	JCS	- (1955)	1740
		2-12μ	Sol	Group study	McCutchon	JAOC	36 (1959)	115
$C_{18}H_{34}O_4$	Di-n-butyl sebacate	2-16μ	Sol	Spec	Stahl	JACS	74 (1952)	5487
		2-15μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{18}H_{34}O_4$	Dimethyl thapsate	670-3500	L,S	Spec, Config.	Corish	JCS	- (1958)	927
$C_{18}H_{34}O_4$	Dioctyl oxalate	1740-1800	Sol,L	Freq	Simon	JOC	23 (1958)	1078
$C_{18}H_{34}O_4$	(dd)-12-Hydroxy-10-oxo-octadecanoic acid	-	-	Group freq	Crombie	JCS	- (1955)	1740
$C_{18}H_{34}O_4$	Octadecanedioic acid	670-2000	L,S	Spec	Corish	JCS	- (1955)	1740
$C_{18}H_{34}O_6$	Di-2-butoxyethyl adipate	2-15μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{18}H_{34}O_8$	Triethylene glycol di-(3-pentyl) carbonate	2-15μ	L	Spec	Kendall	APS	7 (1953)	179

$C_{18}H_{34}O_9$	Diethylene glycol di-(2-n-butoxyethyl) carbonate	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{18}H_{35}DO_2$	n-Octadecanoic acid-D_1	500-1500 -	S -	Spec, Group assign Freq	Hadzi Bratoz	PRS SA	216 (1953) 8 (1956)	247 249
$C_{18}H_{35}BrO_2$	2-Bromostearic acid	1100-1400 475-1800	S Sol,S	Spec Spec, Band freq, Anal	Jones Sinclair	JACS JACS	74 (1952) 74 (1952)	2575 2578
$C_{18}H_{35}N$	n-Heptadecylnitrile	2200-2300	Sol	Freq, Struct	Jesson	SA	13 (1958)	217
$C_{18}H_{35}NO$	Oleamide	2-7 μ	Sol	Spec	Spell	AC	32 (1960)	1811
$C_{18}H_{36}$	Cyclooctadecane	650-1600	S,L	Spec	Billetter	HCA	41 (1958)	338
$C_{18}H_{36}$	1-Octadecene	- 0.9-3 μ 1.636 μ	L Sol Sol	Group freq Spec Group study	Elsner Holman Goddu	JCS AC AC	- (1953) 28 (1956) 29 (1957)	3156 1533 1790
$C_{18}H_{36}$	cis-2-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	trans-2-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	cis-3-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	trans-3-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	cis-4-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	trans-4-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	cis-5-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	cis-6-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	trans-6-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	cis-7-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156

$C_{18}H_{36}$	trans-7-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	cis-8-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	cis-9-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}$	trans-9-Octadecene	-	L	Group freq	Elsner	JCS	- (1953)	3156
$C_{18}H_{36}DNO_2$	Stearohydroxamic acid-d_1	700-4000	S,Sol	Spec, H bond	Hadzi	SA	10 (1958)	38
$C_{18}H_{36}O$	Elaidyl alcohol	-	Sol	Anal	Shreve	AC	22 (1950)	1261
		2-16μ	Sol	Spec	Shreve	AC	22 (1950)	1498
		2-12μ	Sol	Substitution effect	McCutchon	JAOC	36 (1959)	450
$C_{18}H_{36}O$	Oleyl alcohol	-	Sol	Anal	Shreve	AC	22 (1950)	1261
		2-16μ	-	Spec	Shreve	AC	22 (1950)	1498
$C_{18}H_{36}O$	15,15-Dimethylhexadecanoic acid	2-13μ	Sol	Spec	Sobotka	JACS	72 (1950)	5139
$C_{18}H_{36}O_2$	cis-9,10-Epoxyoctadecanol	2-15μ	Sol	Spec, Anal	Shreve	AC	23 (1951)	277
$C_{18}H_{36}O_2$	trans-9,10-Epoxy-1-octadecanol	2-15μ	S,Sol	Spec, Anal	Shreve	AC	23 (1951)	277
$C_{18}H_{36}O_2$	Ethyl palmitate	1740	Sol	Band freq	Hampton	AC	21 (1949)	914
		1-12μ	Sol	Spec	O'Connor	JAOC	28 (1951)	154
		0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{18}H_{36}O_2$	Stearic acid	-	-	Freq	Bratoz	SA	8 (1956)	248
		710-730	S	Spec, Band study	Chapman	JCS	- (1957)	4489
		-	Sol	Freq	Wenograd	JACS	79 (1957)	5844
		5.5-6.5μ	Sol	Ident	Sawicki	AC	31 (1959)	523
$C_{18}H_{36}O_2$	Form C stearic acid	600-3200	L	Struct	Susi	JACS	81 (1959)	1535
$C_{18}H_{36}O_2$	15-Methylheptadecanoic acid	1150-1550	Sol	Spec	Sobotka	JACS	72 (1950)	5139

$C_{18}H_{36}O_2$	16-Methylheptadecanoic acid	1150–1550	Sol	Spec	Sobotka	JACS	72 (1950)	5139
$C_{18}H_{36}O_3$	10-Hydroxystearic acid	2–12 μ	Sol	Spec, H bond, Table	O'Connor	JOC	18 (1953)	693
$C_{18}H_{36}O_3$	12-Hydroxystearic acid	2–12 μ	Sol	Spec, H bond, Table	O'Connor	JOC	18 (1953)	693
$C_{18}H_{36}O_4$	6,7-Dihydroxystearic acid	700–1500	S	Spec, Ident	Susi	AC	31 (1959)	910
$C_{18}H_{36}O_4$	8,9-Dihydroxystearic acid	700–1500	S	Spec, Ident	Susi	AC	31 (1959)	910
$C_{18}H_{36}O_4$	9,10-Dihydroxystearic acid	700–1500	S	Spec, Ident	Susi	AC	31 (1959)	910
$C_{18}H_{36}O_4$	9,14-Dihydroxystearic acid	600–3600	S	Ident	Davis	JACS	72 (1950)	124
$C_{18}H_{36}O_4$	11,12-Dihydroxystearic acid	700–1500	S	Spec, Ident	Susi	AC	31 (1959)	910
$C_{18}H_{37}I$	1-Iodooctadecane	1000–1400	S	Spec	Jones	JACS	74 (1952)	2575
$C_{18}H_{37}NO_2$	trans-Δ^4-2-Amino-octadecene-1,3-diol	2–16 μ	Sol	Spec	Mislow	JACS	74 (1952)	5155
$C_{18}H_{37}NO_2$	Dicyclohexylamine 2,4-hexanediol adduct	1000–3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{18}H_{37}NO_2$	Stearohydroxamic acid	700–4000	S,Sol	Spec, H bond	Hadzi	SA	10 (1958)	38
$C_{18}H_{37}NO_2$	Palmitic acid acetamide	2–12 μ	S,Sol	Assign, Spec	O'Connor	JACS	77 (1955)	892
$C_{18}H_{37}NO_2$	Stearohydroxamic acid	700–4000	S,Sol	Spec, H bond	Hadzi	SA	10 (1958)	38

$C_{18}H_{37}NO_5$	N-Dodecyl-D-glucosyl-amine	-	-	Ident	Erickson	JACS	77 (1955)	2839
$C_{18}H_{38}$	n-Octadecane	6.5-14μ	Sol	Spec	Thompson	PRS	184 (1945)	3
		8000-9000	Sol	Anal	Hibbard	AC	21 (1949)	486
		-	-	Anal	Hastings	AC	24 (1952)	612
		1100-1400	Sol	Spec, Band study	Jones	JACS	74 (1952)	2575
		13.8 μ	S	Freq	Stein	JCP	22 (1954)	1993
		0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
		710-730	S	Correlation	Chapman	JCS	- (1957)	4489
		700-3000	Sol	Struct	Jones	SA	9 (1957)	235
$C_{18}H_{38}O$	Octadecanol	2.5-3.9μ	Sol	Spec	Fox	PRS	162 (1937)	419
		-	-	Force constant	Richards	TFS	44 (1948)	40
		2.9μ	Sol	Optical density	Honn	JACS	71 (1949)	812
		-	Sol	Anal	Shreve	AC	22 (1950)	1261
		2-16μ	Sol	Spec	Shreve	AC	22 (1950)	498
		1100-1400	S	Spec, Band study	Jones	JACS	74 (1952)	2575
		700-1700	L,S	Spec	Neuilly	CPR	238 (1954)	65
		710-730	S	Correlation	Chapman	JCS	- (1957)	4489
		3μ	Sol	Freq, H bond	Flett	SA	10 (1958)	21
		3570-3700	Sol	Freq, Intensity	Flynn	AJC	12 (1959)	575
		3570-1500	L	Temp. effect on band intensity	Hashikuni	JPSJ	15 (1960)	941
$C_{18}H_{38}O_2$	16-Methylheptadecane-1,2-diol	1320-1430	Sol	Spec, Group freq	Horn	JCS	- (1953)	3533
		-	-	Freq	Horn	JCS	- (1954)	177
$C_{18}H_{38}O_2$	Octadecamethylene glycol	2-76μ	Sol	H bond	Wall	JACS	61 (1939)	2679
$C_{18}H_{38}O_2$	n-Octadecane-1,2-diol	1320-1430	Sol	Spec	Horn	JCS	- (1953)	3533
		-	-	Ident	Horn	JCS	- (1954)	177
$C_{18}H_{38}O_2$	Tetra-t-butylethylene glycol	-	-	Group freq	Bartlett	JACS	77 (1955)	2801
$C_{18}H_{39}N$	Octadecylamine	0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{18}H_{39}NO_3$	Di-cyclohexylamine 1,2,6-hexanetriol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433

	adduct							
$C_{18}H_{39}O_3P$	Ethyl di-2-ethylhexyl phosphite	700-1550	L	Spec, Group freq	Bellamy	JCS	- (1952)	475
$C_{18}H_{39}O_4P$	bis-(2,6-Dimethylheptyl -4)phosphoric acid	500-4000	Sol,S	H bond	Peppard	JINC	7 (1958)	231
$C_{18}H_{39}O_4P$	Ethyl di-(2-ethylhexyl) phosphate	-	-	Group freq	Bellamy	JCS	- (1952)	1701
		-	-	Group freq	Bell	JACS	76 (1954)	5185
$C_{18}H_{39}O_4P$	Octadecyl dihydrogen phosphate	670-3500	-	Spec, Assign, Group study	Bellamy	JCS	- (1953)	728
		600-4000	S	Group study	Braunholtz	JCS	- (1959)	868
$C_{18}H_{40}OSi$	Trimethylsilylundecyl butyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{18}H_{40}O_3Si$	Tri-2-ethylbutoxy-silane	2050-2250	Sol	Freq, Struct	Smith	SA	15 (1959)	412
$C_{18}H_{40}O_6B_2$	Tetraisobutylethylene diborate	6-14 μ	L	Struct, Group freq	Blau	JCS	- (1960)	380
$C_{18}H_{40}O_6B_2$	Tetra-n-butylethylene diborate	6-14 μ	L	Struct, Group freq	Blau	JCS	- (1960)	380
$C_{18}H_{40}Si$	n-Octadecylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{18}H_{40}Si$	Tri-n-hexylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{18}H_{42}N_3O_6P_3$	Isopropyl phosphonitri-late	2-21 μ	L	Spec, Anal	Daasch	AC	23 (1951)	853
$C_{18}H_{42}N_3O_6P_3$	n-Propyl phosphonitrilate	2-21 μ	L	Spec, Anal	Daasch	AC	23 (1951)	853
$C_{18}H_{44}N_2OSi_2$	Di-(dimethyl-N-n-hexyl-aminomethylsilicyl) oxide	-	-	Group study	Noll	JACS	73 (1951)	3871
$C_{18}H_{54}O_7Si_8$	Octadecamethyllocta-siloxane	2.5-14 μ	Sol	Spec	Wright	JACS	69 (1947)	803
		400-1100	-	Spec	Kriegsmann	ZE	64 (1960)	541

C_{19} COMPOUNDS

$C_{19}H_8O_4$	2-Oxobenzathrene-5,10-dicarboxylic anhydride	729-1770	S	Table	Brown	JCS	- (1954)	1280
$C_{19}H_{12}N_4O_7$	β-Naphthoquinoline picrate	-	-	Ident	Entel	JACS	77 (1955)	611
$C_{19}H_{12}O_2$	2'-Methyl-1,2-benzanthra-9,10-quinone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{19}H_{12}O_2$	3-Methyl-1,2-benzanthra-9,10-quinone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{19}H_{12}O_2$	3'-Methyl-1,2-benzanthra-9,10-quinone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{19}H_{12}O_2$	4-Methyl-1,2-benzanthra-9,10-quinone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{19}H_{12}O_2$	4'-Methyl-1,2-benzanthra-9,10-quinone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{19}H_{12}O_2$	5-Methyl-1,2-benzanthra-9,10-quinone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{19}H_{12}O_2$	6-Methyl-1,2-benzanthra-9,10-quinone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{19}H_{12}O_2$	7-Methyl-1,2-benzanthra-9,10-quinone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{19}H_{13}Br$	1-(p-Bromophenyl)-3-(β-naphthyl)-allene	-	Sol	Iso	Jacobs	JOC	17 (1952)	475
$C_{19}H_{13}Br$	1-(p-Bromophenyl)-3-(β-naphthyl)-1-propyne	-	Sol	Iso	Jacobs	JOC	17 (1952)	475
$C_{19}H_{13}Br$	1-(p-Bromophenyl)-3-(β-naphthyl)-2-propyne	-	Sol	Iso	Jacobs	JOC	17 (1952)	475
$C_{19}H_{13}BrO_2$	2-Bromo-3-methyldi-	2-15μ	S	Spec	Vaughan	JACS	74 (1952)	5623

$C_{19}H_{13}BrO_3$	2-Bromo-3-methyldibenzo[2,2,2]bicyclooctadiene-2,3-cis-dicarboxylic anhydride	2-15 μ	S	Spec	Vaughan	JACS	74 (1952)	5623
$C_{19}H_{13}NO_2$	2-Benzoyl-3-hydroxy-7,8-benzopyrrocoline	-	-	Group freq	Bockelheide	JACS	75 (1953)	3679
$C_{19}H_{13}NO_4S$	9-(6-Nitrofluorenyl) phenyl sulfone	1100-1400	S	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{19}H_{13}N_3O$	2-Benzyl-6-cyanopyrid[3,4-6]indole-1(2H)-one	2.5-7 μ	S	Spec, Struct	Lindwall	JOC	18 (1953)	345
$C_{19}H_{13}N_3O_2S$	3,4-Dicyano-N-methyl-1-naphthalene benzenesulfonamide	-	-	Group study	Adams	JACS	74 (1952)	5562
$C_{19}H_{13}N_3O_7$	Tri-(p-nitrophenyl)-carbinol	-	S	Freq	Hawthrone	JACS	77 (1955)	2549
$C_{19}H_{13}N_3O_8$	Tri-(p-nitrophenyl)-hydroperoxide	-	S	Freq	Hawthrone	JACS	77 (1955)	2549
$C_{19}H_{14}$	Methyl-1,2-benzanthracene	2700-3000 1375-1530	- Sol	Freq assign Ext coefficient, Vib	Fuson Moritz	BSCF SA	- (1959) 16 (1960)	93 74
$C_{19}H_{14}$	1'-Methyl-1,2-benzanthracene	670-3150 2700-3000	S Sol	Spec, Band freq Spec	Orr Badger	JCS SA	- (1950) 15 (1959)	218 672
$C_{19}H_{14}$	2'-Methyl-1,2-benzanthracene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	3-Methyl-1,2-benzanthracene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	3'-Methyl-1,2-benzanthracene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	4-Methyl-1,2-benzanthracene	670-2000 2700-3000	S Sol	Struct Spec	Cannon Badger	SA SA	4 (1951) 15 (1959)	373 672

$C_{19}H_{14}$	4'-Methyl-1,2-benz-anthracene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	5-Methyl-1,2-benz-anthracene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
		650-2000	S	Struct, Spec	Cannon	SA	4 (1951)	373
		2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	6-Methyl-1,2-benz-anthracene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	7-Methyl-1,2-benz-anthracene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
		2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	8-Methyl-1,2-benz-anthracene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	9-Methyl-1,2-benz-anthracene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
		650-2040	S	Spec	Cannon	SA	4 (1951)	373
		2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	10-Methyl-1,2-benz-anthracene	650-2030	S	Spec	Cannon	SA	4 (1951)	373
		2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	1-Methyl-3,4-benzo-phenanthrene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	2-Methyl-3,4-benzo-phenanthrene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
		2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	5-Methyl-3,4-benzo phenanthrene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	6-Methyl-3,4-benzo-phenanthrene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	7-Methyl-3,4-benzo-phenanthrene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	8-Methyl-3,4-benzo-phenanthrene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672
$C_{19}H_{14}$	5-Methylnaphthacene	2700-3000	Sol	Spec	Badger	SA	15 (1959)	672

$C_{19}H_{14}$	1-Phenyl-3-(β-naphthyl)-2-propyne	-	Sol	Iso	Jacobs	JOC	17 (1952)	475
$C_{19}H_{14}ClN_5O_2$	1-p-Chlorophenyl-3-phenyl-5-nitrophenyl formazan	680-1600	S	Spec, Freq, Assign	Le Fevre	AJC	9 (1956)	151
$C_{19}H_{14}Cl_2N_2O_3S$	2,6-Dichloro-p-phenylene-4-benzamide-1-benzenesulfonamide	-	S	Ident, Group freq	Adams	JACS	76 (1954)	3584
$C_{19}H_{14}N_2$	4,5-Dimethyl-ψ-indolo (2':3'-1:2) liline	-	-	Band freq	Almond	JCS	- (1952)	1870
$C_{19}H_{14}N_2.HCl$	4,5-Dimethyl-ψ-indolo (2':3'-1:2) liline hydrochloride	-	-	Band freq	Almond	JCS	- (1952)	1870
$C_{19}H_{14}N_2O$	2-Formamido-3-phenyl-7,8-benzopyrrocoline	-	-	Group freq	Bockelheide	JACS	75 (1953)	3679
$C_{19}H_{14}N_2O_3S$	2-Phenyl-α-phthalimido-2-thiazolidene acetic acid-β-lactam	2-11μ	Sol	Spec, Band freq, Struct	Sheehan	JACS	73 (1951)	4367
$C_{19}H_{14}N_4O_4$	Benzophenone-2,4-dinitrophenylhydrazone	- 2-15μ	- S	Ident Spec, Ident	Entel Janes	JACS AC	77 (1955) 28 (1956)	611 191
$C_{19}H_{14}N_4O_5$	β-2-Furylacrylophenone-2,4-dinitrophenylhydrazone	2-15μ	S	Spec, Ident	Janes	AC	28 (1956)	191
$C_{19}H_{14}O$	2-Hydroxy-4-methylbenzo(c)phenanthrene	-	Sol	Ident	Djerassi	JACS	76 (1954)	1741
$C_{19}H_{14}O_2$	4-Phenoxybenzophenone	-	Sol	Group freq	Ungnade	JACS	75 (1953)	3333
$C_{19}H_{14}O_2S$	9-Fluorenyl phenyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{19}H_{14}O_3$	3-Methyldibenzo [2,2,2] bicyclooctadiene-2,3-cis-dicarboxylic anhydride	2-15μ	S	Spec	Vaughan	JACS	74 (1952)	5623

$C_{19}H_{14}O_3$	Phenyl 2-phenoxybenzoate	-	-	Ident	De Tar	JACS	77 (1955)	4411
$C_{19}H_{14}O_3S_2$	[2-(2,3-Dihydro-3-oxothionaphthen)][3-(2,3-dihydro-2-oxo-6-ethoxythionaphthen)]methinoxonol	-	-	Ident	Glauert	JCS	- (1955)	30
$C_{19}H_{14}O_4$	2-Hydroxy-3-methyldibenzo[2,2,2]bicyclooctadiene-2,3-cis-dicarboxylic anhydride	2-15 μ	S	Spec	Vaughan	JACS	74 (1952)	5623
$C_{19}H_{14}O_5$	Vulpinic acid	650-3800	-	Spec	Frank	JACS	72 (1950)	1824
$C_{19}H_{14}O_7$	Decarboxamidoterrinolide	-	Sol	Ident	Hochstein	JACS	75 (1953)	5455
$C_{19}H_{15}$	Triphenylmethyl radical	-	-	Resonance energy	Szware	DFS	2 (1947)	39
$C_{19}H_{15}BrN_4$	1-p-Bromophenyl-3,5-diphenyl formazan	680-1600	S	Spec, Freq, Assign	Le Fevre	AJC	9 (1956)	151
$C_{19}H_{15}Cl$	Chlorotriphenylmethane	-	Sol	Group freq, I	Pinchas	JCS	- (1954)	863
$C_{19}H_{15}ClN_2O_3S$	2-Chloro-p-phenylene-4-benzamide-1-benzenesulfonamide	-	S	Group freq	Adams	JACS	76 (1954)	3584
$C_{19}H_{15}ClN_4$	1-p-Chlorophenyl-3,5-diphenyl formazan	680-1600	S	Spec, Freq, Assign	LeFevre	AJC	9 (1956)	151
$C_{19}H_{15}Cl_3N_2O_4S_2$	2-Methyl-3,5,6-trichloro-p-phenylene dibenzenesulfonamide	3250-650 -	S -	Freq Ident, Spec	Adams Adams	JACS JACS	74 (1952) 74 (1952)	2608 3171
$C_{19}H_{15}FO_3S$	Triphenyl methylfluoro sulfate	550-2400	S	Assign, Spec	Sharp	JCS	- (1957)	3761

$C_{19}H_{15}NO_2$	dl-2-Methyl-6-nitro-2'-phenylbiphenyl	-	Sol	Ident	DeTar	JACS	77 (1955)	4393
$C_{19}H_{15}NO_5$	Benzyl-2-benzylidene-4,5-diketo-3-oxazolidine acetate	2-8μ	Sol	Spec	Sheehan	JACS	74 (1952)	360
$C_{19}H_{15}NO_5$	Benzyl-4-phenyl-2,3,5-triketo-1-pyrrolidine acetate	2-8μ	Sol	Spec, Band freq	Sheehan	JACS	74 (1952)	360
$C_{19}H_{15}NO_5$	Methyl-5,10-dihydro-5-oxo-10-acridinyl fumarate	-	S	Group freq	Acheson	JCS	- (1954)	3240
$C_{19}H_{15}NS$	10-Benzylphenothiazine	-	-	Ident	Gilman	JACS	74 (1952)	4205
$C_{19}H_{15}NS$	10-(O-Tolyl)-phenothiazine	-	-	Ident	Gilman	JACS	74 (1952)	4205
$C_{19}H_{15}NS$	10-(p-Tolyl)-phenothiazine	-	-	Ident	Gilman	JACS	74 (1952)	4205
$C_{19}H_{15}N_5O_2$	1-p-Nitrophenyl-3,5-diphenyl formazan	680-1600	S	Spec, Freq, Assign	LeFevre	AJC	9 (1956)	151
$C_{19}H_{16}$	Triphenylmethane	3.2-3.6μ	Sol	Band study	Wall	JACS	61 (1939)	1053
		1050-1800	-	Spec	Barnes	IEC	15 (1943)	659
		700-1700	L,S	Spec	Richards	PRS	195 (1948)	1
		-	Sol	Group freq, I	Pinchas	JCS	- (1954)	863
		1188	S	Freq	Kross	JACS	77 (1955)	5858
		625-900	-	Substitution effect	Margoshes	SA	7 (1955)	14
		-	Sol	Spec	Izrailavich	DANS	111 (1956)	617
		12-15μ	S	Freq	Kross	JACS	78 (1956)	1332
$C_{19}H_{16}NO_6$	Adlumidine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
$C_{19}H_{16}N_2$	Sempervirine	-	-	Struct, Use as synthetic base	Edward	JACS	71 (1949)	1694
		-	-	Spec	Woodward	JACS	71 (1949)	379
		2-12μ	Sol	Spec, Band freq	Witkop	JACS	75 (1953)	3361
$C_{19}H_{16}N_2$	Yobyrine	-	Sol	Ident	Witkop	JACS	75 (1953)	3361
		-	-	Ident	Klohs	JACS	77 (1955)	4084

		-	-	Ident	MacPhillamy	JACS	77 (1955)	4335
$C_{19}H_{16}N_2O$	7-Hydroxy-1-(2-methylbenzyl)-9H-pyrid-[3,4b] indole	-	-	Ident	Huebnev	JACS	77 (1955)	472
$C_{19}H_{16}N_2O_4$	Govindachari's compound A	-	-	Group study	Govindachari	JCS	- (1954)	3785
$C_{19}H_{16}N_2O_4 \cdot HCl$	Govindachari's compound A hydrochloride	-	-	Group study, Struct	Govindachari	JCS	- (1954)	3785
$C_{19}H_{16}N_2O_4S$	α-(o-carboxybenzamido)-2-phenyl-2-thiazolidine acetic acid-β-lactone	2-11 μ	Sol	Spec, Freq, Struct	Sheehan	JACS	73 (1951)	4367
$C_{19}H_{16}N_2O_9$	Pentaerithritolmono-(p-nitrobenzoate)-ortho-(p-nitrobenzoate)	1010-1200	Sol	Spec, Struct	Bergmann	JACS	73 (1951)	2352
$C_{19}H_{16}N_4$	Triphenylformazan	680-1600	S	Spec, Freq, Assign	LeFevre	AJC	9 (1956)	151
$C_{19}H_{16}N_6OS$	5-(Imidazolylmethyl)-3-(phenyl-p-azophenyl)-2-thiohydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{19}H_{16}O$	2,5-Dibenzylidenecyclopentanone	2-13 μ	Sol	Spec	Conroy	JACS	74 (1952)	491
$C_{19}H_{16}O$	5,5-Diphenylbicyclo [3,0,2]-2-heptene-6-one	-	-	Struct, Band freq	Marvel	JOC	16 (1951)	741
$C_{19}H_{16}O$	2-Hydroxy-4-methyl-5,6-dihydrobenzo(c)-phenanthrene	-	Sol	Band freq	Djerassi	JACS	76 (1954)	1741
$C_{19}H_{16}O$	2-Keto-4a-methyl-2,4a, 5,6-tetrahydrobenzo (c)phenanthrene	-	Sol	Band freq, Struct	Djerassi	JACS	76 (1954)	1741
$C_{19}H_{16}O$	Triphenylcarbinol	6900-7200 2.5-3.9 μ	Sol Sol	Spec, Anal Spec, I	Wulf Fox	JACS PRS	57 (1935) 162 (1937)	1464 419

		2-3.5μ	-	Spec, H bond	Davies	JCP	8	(1940)	577
		-	S	H bond	Sutherland	TFS	36	(1940)	889
		1050-1850	-	Spec	Barnes	IEC	15	(1943)	659
		3100-3700	S,Sol	Spec, Assign	Richards	JCS	-	(1947)	1260
		-	-	FC	Richards	TFS	44	(1948)	40
		6950-7150	L	Spec, Group freq	Laver	APS	6	(1952)	29
		665-5000	L	Freq	Zeiss	JACS	75	(1953)	897
		-	Sol	Group freq, I	Pinchas	JCS	-	(1954)	863
		3μ	Sol	Freq, H bond	Flett	SA	10	(1958)	21
		3μ	Sol	I, Group study	Moccia	PRS	243	(1958)	154
		-	-	Freq, Assign	Michinori	BCSJ	32	(1959)	950
		3300-3700	Sol	H bond	West	JACS	81	(1959)	6145
		-	Sol	H bond, Pi bond	West	JACS	82	(1960)	6269
$C_{19}H_{16}O_2Si$	Triphenylsilane-carboxylic acid	-	-	Comparison with acetic acid	Brook	JACS	77	(1955)	2322
$C_{19}H_{16}O_4$	3-Methyldibenzo [2,2,2]bicycloocta-diene-2,3-trans-dicarboxylic acid	2-15μ	S	Spec	Vaughan	JACS	74	(1952)	5623
$C_{19}H_{16}O_4$	Diethyl fluorenone-1,7-dicarboxylate	-	-	Ident	Mulholland	JCS	-	(1954)	4676
$C_{19}H_{16}O_5$	2-Hydroxy-3-methyl-dibenzo[2,2,2] bicyclooctadiene-2,3-trans-dicarboxylic acid	2-15μ	S	Spec	Vaughan	JACS	74	(1952)	5623
$C_{19}H_{16}O_6$	3',4'-Diacetoxy-flavanone	1550-4000	S	Group freq	Hergert	JACS	75	(1953)	1622
$C_{19}H_{16}S_3$	Triphenyltrithio-orthoformate	691-1300	S	Band freq	Tarbell	JACS	75	(1953)	1668
$C_{19}H_{17}ClN_2O_4S_2$	2-Methyl-5-chloro-p-phenylenedibenzene-sulfonamide	680-3260	S	Freq	Adams	JACS	74	(1952)	2608
$C_{19}H_{17}N$	Triphenylmethylamine	6400-6800	Sol	Band study	Liddel	JACS	55	(1933)	3574

$C_{19}H_{17}NO_2S$	N-p-Diphenylyl-toluene-p-sulfonamide	-	S,Sol	Group freq	Baxter	JCS	- (1955)	669
$C_{19}H_{17}NO_3$	1-Benzyl-4-ethyl-4-phenyl-2,3,5-pyrrolidinetrione	-	-	Spec	Skinner	JACS	72 (1950)	5569
$C_{19}H_{17}NO_3S$	1-α-Anthrylmercapturic acid	2-15μ	S,Sol	Spec, Anal, Struct	Fuson	JACS	74 (1952)	1
$C_{19}H_{17}NO_6S$	p-Phthalimidomethylphenyl ethoxycarbonylmethyl sulfone	-	S	Freq	Momose	CPBT	6 (1958)	412
$C_{19}H_{17}N_3$	1,2,3-Triphenylguanidine	-	S	Group freq	Pickard	JACS	76 (1954)	5169
$C_{19}H_{17}N_3O$	Evodiamine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
$C_{19}H_{17}N_3O$	4-Phenylethylidene-3-iminophenylethylidene-5-pyrazolone	400-4000	-	Freq	Gagnon	CJC	37 (1959)	110
$C_{19}H_{17}O_4P$	Cresyldiphenylphosphate	2-15μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{19}H_{18}$	9,9-Diallylfluorene	700-1400	Sol	Spec	Scherf	CJC	38 (1960)	697
$C_{19}H_{18}N_2O_2S$	2-Phenyl-α-(phenylacetylamino)-2-thiazolideneacetic acid-β-lactam	2-8μ	Sol	Spec, Freq	Sheehan	JACS	73 (1951)	4756
$C_{19}H_{18}N_2O_4S$	2-Phenyl-α-(phenylacetylamino)-2-thiazolidineacetic acid sulfone-β-lactam	2-11μ 2-8μ	Sol Sol	Spec, Struct Spec	Sheehan Sheehan	JACS JACS	73 (1951) 73 (1951)	4752 4756
$C_{19}H_{18}N_2O_5$	Govindachari's compound 'B'	-	-	Group freq	Govindachari	JCS	- (1954)	3785

$C_{19}H_{18}N_2O_5 \cdot HCl$	Govindachari's compound 'B' hydrochloride	-	-	Group freq	Govindachari	JCS	- (1954)	3785
$C_{19}H_{18}N_2O_6$	α-(2'-Nitro-4',5'-dimethoxyphenyl-β-(3',4'-dimethoxyphenyl)-acrylonitrile	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{19}H_{18}N_4O_6$	2-Acetoxybenzosuberone anti-2,4-dinitrophenylhydrazone	-	Sol	Freq	Ramirez	JACS	75 (1953)	6026
$C_{19}H_{18}N_4O_6$	2-Acetoxybenzosuberone syn-2,4-dinitrophenylhydrazone	-	Sol	Freq	Ramirez	JACS	75 (1953)	6026
$C_{19}H_{18}O$	2-Keto-4-methyl-2,3,4,4a,5,6-hexahydrobenzo[c] phenanthrene	-	Sol	Band freq	Djerassi	JACS	76 (1954)	1741
$C_{19}H_{18}O$	1-Methyl-2-keto-2,3,4,4a,5,6-hexahydrobenzo[c] phenanthrene	-	Sol	Group freq	Wilds	JOC	17 (1952)	1154
$C_{19}H_{18}O_2$	3-Methoxy-14,15-dehydroequilenin	-	-	Ident	McNiven	JACS	76 (1954)	1725
$C_{19}H_{18}O_2$	3-Methoxy-$\Delta^{1,3,5:10,6,8,14}$-estrahexaene-one-17	- 1702-1802	- Sol	Assign I, Ext coefficient	Jones Jones	JACS JACS	70 (1948) 74 (1952)	2024 80
$C_{19}H_{18}O_2$	3-Methoxy-$\Delta^{1,3,5:10,6,8,15}$ estrahexaene-one-17	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{19}H_{18}O_3$	1,5-Diphenylpentane-1,2-dicarboxylic anhydride	2-16 μ	Sol	Spec, Anal, Iso	Rondestvedt	JOC	19 (1954)	548

$C_{19}H_{18}O_3$	2,5-Diphenylpentane-1,2-dicarboxylic anhydride	2-16 μ	Sol	Spec, Anal, Freq	Rondestvedt	JOC	19 (1954)	548
$C_{19}H_{18}O_3$	p-Phenylphenacyl angelate	-	-	Ident	Klohs	JACS	75 (1953)	4925
		-	-	Ident	Klohs	JACS	76 (1954)	1152
$C_{19}H_{18}O_3$	p-Phenylphenacyl tiglate	-	-	Ident, Freq	Klohs	JACS	75 (1953)	4925
$C_{19}H_{18}O_5$	Ethyl 2-(o-acetylsalicyl)phenylacetate	2-12 μ	Sol	Spec	Wildi	JOC	16 (1951)	407
$C_{19}H_{18}O_6$	1,2,3,5-Tetramethoxy-6-methylanthraquinone	2-15 μ	S	Freq, Assign, Ident	Bloom	JCS	- (1959)	178
$C_{19}H_{18}O_7$	α-Carboxy-β-(3,4,5-trimethoxystyryl) tropolone	-	S	Ident, Freq, Struct	Tarbell	JACS	76 (1954)	2470
$C_{19}H_{18}O_7$	3,3',4',7-Tetramethoxy-5-hydroxy flavone	1550-4000	S	Group freq, H bond	Hergert	JACS	75 (1953)	1622
$C_{19}H_{18}Si$	Diphenylbenzylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{19}H_{18}Si$	Diphenyl-m-tolylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{19}H_{18}Si$	Diphenyl-p-tolylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{19}H_{18}Si$	Methylphenyl-p-biphenylylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{19}H_{18}Si$	Methyltriphenylsilane	3-12 μ	L	Spec	Kanazashi	BCSJ	27 (1954)	441
$C_{19}H_{19}NO$	β-Benzoyl-α-mesityl-propionitrile	-	-	Freq	Fuson	JACS	74 (1952)	1631
$C_{19}H_{19}NO$	8-Cyclohexylamino-perinaphthenone-7	1116-3045	S	Table	Cromwell	JACS	73 (1951)	1226

$C_{19}H_{19}NO$	8,9-(N-Cyclohexyl)-iminoperinaphthenone-7	1109-3357	S	Table	Cromwell	JACS	73 (1951)	1226
$C_{19}H_{19}NO_2$	1,3-Diphenyl-2-(N-morpholino)-2-propen-1-one	650-3800	S	Table	Cromwell	JACS	71 (1949)	3337
$C_{19}H_{19}NO_2$	1,3-Diphenyl-3-(N-morpholino)-2-propen-1-one	650-3800	S	Table	Cromwell	JACS	71 (1949)	3337
$C_{19}H_{19}NO_4$	Benzyl N-acetyl-phenaceturate	2-8 μ	Sol	Spec, Freq	Sheehan	JACS	74 (1952)	4555
$C_{19}H_{19}NO_4$	3-(3',4'-Dimethoxy-phenyl)-6,7-dimethoxy-isoquinoline	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{19}H_{19}NO_5$	7-(2'-Carbomethoxy-methyl-4',5'-dimethoxy-phenyl)oxindole	-	-	Freq	Wiesner	JACS	77 (1955)	675
$C_{19}H_{19}NO_5$	1-β-Naphthyl-4,4-dicarbethoxy-2-azetidinone	2-10 μ	Sol	Spec	Sheehan	JACS	72 (1950)	5158
$C_{19}H_{19}NO_5$	3-Veratrylidene-5,6-dimethoxindole	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{19}H_{19}N_3O_7$	Ethyl 3-methyl-2,5-di-p-nitrophenyl-oxazolidine-4-carboxylate	-	Sol	Freq	Bergmann	JCS	- (1953)	2564
$C_{19}H_{19}N_7O_6$	Pteroylglutamic acid	750-3800	-	Spec	Walker	JACS	70 (1948)	19
$C_{19}H_{20}N_2O_2$	Bis-(N-benzyl)-itaconamide	700-1700	S	Spec	Stafford	AC	21 (1949)	1454
$C_{19}H_{20}N_2O_2$	1,2-Dimethyl-3-(1-phenyl-2-nitro-propyl)indole	-	S	Freq	Noland	JACS	81 (1959)	1203

$C_{19}H_{20}N_2O_2$	Ethyl DL-2-phenyl-tryptophan	-	Sol	Ident	Kissman	JACS	75 (1953)	1967
$C_{19}H_{20}N_2O_2$	2-Methyl-3-(1-phenyl-2-nitrobutyl)-indole	-	S	Freq	Noland	JACS	81 (1959)	1203
$C_{19}H_{20}N_2O_2$	Pseudoakuammicine	-	-	Freq	Robinson	JCS	- (1955)	2049
$C_{19}H_{20}N_2O_5S$	4-Carbomethoxy-5,5-dimethyl-2-phenyl-α-succinimido-2-thiazolidineacetic acid-β-lactam	2-11μ	Sol	Spec	Sheehan	JACS	72 (1950)	3828
		2-11μ	Sol	Spec, Band freq, Struct	Sheehan	JACS	73 (1951)	4376
$C_{19}H_{20}N_4OS$	5-Isobutyl-3-(phenyl-p-azophenyl)-2-thiohydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{19}H_{20}N_4OS$	5-Sec-Butyl-3-(phenyl-p-azophenyl)-2-thio hydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{19}H_{20}N_4O_5$	8-Methoxy-2,3-benzocyclooct-2-en-1-one anti-2,4-dinitrophenylhydrazone	-	Sol	Band freq	Ramirez	JACS	75 (1953)	6026
$C_{19}H_{20}O$	1,7-Diphenylhept-1-en-7-one	-	-	Group freq, Struct	Zimmerman	JACS	76 (1954)	2285
$C_{19}H_{20}O$	1-Ethyl-2,5-dimethyl-7-methoxyphenanthrene	6.11-13.73μ	S	I	Dreiding	JACS	75 (1953)	3162
$C_{19}H_{20}O$	1-Phenyl-2-benzoyl-cyclohexane	-	Sol	Group freq	Zimmerman	JACS	75 (1953)	2367
$C_{19}H_{20}O_2$	dl-Equilenin methyl ether	-	Sol	Freq	Jones	JACS	74 (1952)	5648
		-	Sol	Band freq	Scheer	JACS	77 (1955)	3300
$C_{19}H_{20}O_2$	3-Methoxy-dl-equilenin	1694-1794	Sol	Ext coefficient	Jones	JACS	74 (1952)	80

$C_{19}H_{20}O_2$	3-Methoxy-dl-iso-equilenin	- 1691-1791	Sol Sol	Freq Ext coefficient	Jones Jones	JACS JACS	72 (1950) 74 (1952)	956 80
$C_{19}H_{20}O_3$	3,6-Dimethyl-2-[(2',4'-dimethylphenyl)-methoxyhydroxy]methylbenzoic acid-γ-lactone	6-13μ	Sol	Anal	Newman	JACS	73 (1951)	4627
$C_{19}H_{20}O_3$	dl-14ξ-Hydroxyequilenin-3-methyl ether	-	-	Group freq	McNiven	JACS	76 (1954)	1725
$C_{19}H_{20}O_3$	1-Mesityl-3-p-methoxyphenyl-1-propene-1-ol-3-one	2-7μ	Sol	Group freq	Barnes	JACS	75 (1953)	479
$C_{19}H_{20}O_3$	1-p-Methoxyphenyl-3-mesityl-1-propene-2-ol-3-one	2-7μ	Sol	Group freq	Barnes	JACS	75 (1953)	479
$C_{19}H_{20}O_3$	Methyl 11-p-methoxyphenyl-all-trans-2,4,6,8,10-hendecapentaenoate	-	S	Group freq, I	Allan	JCS	- (1955)	1874
$C_{19}H_{20}O_3$	Methyl 2',3,4',6-tetramethyl-2-benzoylbenzoate	6-13μ	Sol	Anal	Newman	JACS	73 (1951)	4627
$C_{19}H_{20}O_3$	p-Phenylphenacyl methylbutyrate	- - - -	- - - -	Ident Ident Ident Ident	Klohs Klohs Klohs Myers	JACS JACS JACS JACS	75 (1953) 75 (1953) 76 (1954) 77 (1955)	3595 4925 1152 3348
$C_{19}H_{20}O_4$	Diethyl 1-acenaphthylmalonate	2-15μ	L	Spec, Freq	Abramovitch	CJC	36 (1958)	151
$C_{19}H_{20}O_4$	Methyl gibberdionate	-	S	Band freq	Cross	JCS	- (1954)	4670
$C_{19}H_{21}NO_2$	Herclavin	982-1655	-	I	Crombie	JCS	- (1955)	995

$C_{19}H_{21}NO_3$	N-Allylnormorphine	-	S	Ident	Marsh	AC	27 (1955)	636
$C_{19}H_{21}NO_3$	Thebaine	2-12 μ	-	Spec, Struct	Stork	JACS	74 (1952)	768
$C_{19}H_{21}NO_4$	3-(3',4'-Dimethoxybenzyl)-5,6-dimethoxyindole	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{19}H_{21}NO_4$	O^3-Monoacetylmorphine	2-15.5 μ	Sol	Spec, Ident, Struct	Welsh	JOC	19 (1954)	1409
$C_{19}H_{21}NO_4$	2-(2-Quinolyl)-4-dicarbethoxy-1-butene	-	-	Band freq	Bockelheide	JACS	73 (1951)	4015
$C_{19}H_{21}NO_5$	3-(3',4'-Dimethoxybenzyl)-5,6-dimethoxyindole	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{19}H_{21}NO_5 \cdot HCl$	Trimethylcolchicinic acid hydrochloride	1250-1800	Sol	Spec, Struct	Scott	JACS	72 (1950)	240
$C_{19}H_{21}N_3O_2S$	3,4-Dicarbanilino-5,5-dimethylthiazolidine	800-3600	S	Spec	Davis	JOC	13 (1948)	682
$C_{19}H_{21}N_5OS$	5-δ-Aminobutyl-3-(phenyl-p-azophenyl)-2-thiohydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{19}H_{21}N_7OS$	5-ν-Guanidopropyl-3-(phenyl-p-azophenyl)-2-thiohydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{19}H_{22}$	3,4-Diphenyl-3-heptene	2-15 μ	L	Spec, Ident	May	JOC	18 (1953)	1572
$C_{19}H_{22}N_2$	Alstyrine	-	S	Ident	Robinson	JCS	- (1954)	3479
$C_{19}H_{22}N_2$	1,2-Dimethyl-3-(1-phenyl-2-aminopropyl)-indole	-	S,Sol	Freq	Noland	JACS	81 (1959)	1203
$C_{19}H_{22}N_2 \cdot HCl$	4-Dimethylamino-2,2-diphenyl-3-methylbutyronitrile hydrochloride	-	-	Spec, Ident	Sletzinger	JACS	74 (1952)	5619

$C_{19}H_{22}N_2O$	Clinchonidine	-	Sol	Freq	Marion	JACS	73 (1951)	305
$C_{19}H_{22}N_2O_2 \cdot HCl$	β,γ-Epoxy-γ'-benzylamino-N-benzylisovaleramide hydrochloride	2-16 μ	-	Spec	Lasslo	JACS	75 (1953)	5980
$C_{19}H_{22}N_2O_4$	α-(2'-Amino-4',5'-dimethoxyphenyl)-β-(3',4'-dimethoxyphenyl)propionitrile	-	Sol	Freq	Walker	JACS	77 (1955)	3844
$C_{19}H_{22}N_2O_6$	3,5-Dicarbethoxy-2,6-dimethyl-4-o-nitrophenyl-1,4-dihydropyridine	-	S	Band freq	Berson	JACS	77 (1955)	444
$C_{19}H_{22}N_2O_6$	3,5-Dicarbethoxy-2,6-dimethyl-4-p-nitrophenyl-1,4-dihydropyridine	-	S	Band freq	Berson	JACS	77 (1955)	444
$C_{19}H_{22}N_2O_6$	Ethyl α-amino-α-benzyloxymethyl-β-hydroxy-β-p-nitrophenylpropionate	-	Sol	Group freq, Struct	Bergmann	JCS	- (1953)	2564
$C_{19}H_{22}N_4O_7$	1-Ethyl-2-benzylpyrrolidine picrate	-	S	Ident	Leonard	JACS	75 (1953)	3727
$C_{19}H_{22}O$	3,3-Diphenyl-2-ethyl-5-methyl-tetrahydrofuran	-	-	Band freq	Easton	JACS	75 (1953)	4731
$C_{19}H_{22}O_2$	cis-2-(α-Hydroxybenzhydryl)cyclohexanol	-	Sol	Group freq	Zimmerman	JACS	75 (1953)	2367
$C_{19}H_{22}O_2$	trans-2-(α-Hydroxybenzhydryl)cyclohexanol	-	Sol	Group freq	Zimmerman	JACS	75 (1953)	2367
$C_{19}H_{22}O_2$	1-Phenyl-2-(α-hydroxybenzyl)cyclohexanol	3.08-14.32 μ -	S -	I Freq	Dreiding Zimmerman	JACS JACS	76 (1954) 76 (1954)	3965 2285

$C_{19}H_{22}O_3$	$\Delta^{1,4}$-Androstadienetrione-3,11,17	-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
$C_{19}H_{22}O_3$	Methyl epigibberate	-	S	Group freq	Cross	JCS	- (1954)	4670
$C_{19}H_{22}O_3$	Methyl gibberate	-	S	Group freq	Cross	JCS	- (1954)	4670
$C_{19}H_{22}O_4$	2-(8'-Ketononyl)-3-hydroxy-1,4-naphthoquinone	-	-	Spec	Nakanishi	JACS	74 (1952)	3910
$C_{19}H_{22}O_5$	Cedronolide	-	-	Crystal Study	Polansky	BSCF	- (1960)	1845
$C_{19}H_{22}O_6$	5,8-Dihydro-2-acetoxy-3-carbethoxy-1-naphthalene acetic acid ethyl ether	-	-	Band freq	Tarbell	JACS	76 (1954)	5761
$C_{19}H_{22}O_6$	Gibberellic acid	691-1328	S,Sol	Group freq	Cross	JCS	- (1954)	4670
$C_{19}H_{23}N$	4-Dimethylamino-2'-isopropylstilbene	5-15 μ	S	Spec, Band freq	Thompson	JCS	- (1950)	214
$C_{19}H_{23}N$	4-Dimethylamino-2'-isopropylstilbene-trans	960	Sol	Band study	Orr	SA	8 (1956)	218
$C_{19}H_{23}N$	4-Dimethylamino-2',4',6'-trimethylstilbene	5-15 μ	S	Spec, Band freq	Thompson	JCS	- (1950)	214
$C_{19}H_{23}N$	4-Dimethylamino-2',4',6'-trimethylstilbene-trans	960	Sol	Band study	Orr	SA	8 (1956)	218
$C_{19}H_{23}NO.HCl$	1,2-Diphenyl-2-(2'-piperidino)-ethanol hydrochloride	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{19}H_{23}NO_3$	β-Dihydrothebaine	-	-	Spec, Struct	Stork	JACS	73 (1951)	504
		2-12 μ	-	Spec, Struct	Stork	JACS	74 (1952)	768
$C_{19}H_{23}NO_3$	Ethylmorphine	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403

$C_{19}H_{23}NO_3 \cdot HCl \cdot 2H_2O$	Ethylmorphine hydrochloride	650-5000	S	Spec	Marion	APS	10 (1956)	85
$C_{19}H_{23}NO_3$	α-Methylmorphimethine	-	Sol	Freq	Marion	JACS	73 (1951)	305
$C_{19}H_{23}NO_3$	Phenolic dihydro-thibaine	-	-	Struct, Freq, Spec	Stork	JACS	73 (1951)	504
		2-12μ	-	Spec, Struct	Stork	JACS	74 (1952)	768
$C_{19}H_{23}NO_4 \cdot HCl$	l-Colchinol methyl ether hydrochloride	2-16μ	Sol	Spec, Ident	Rapoport	JACS	73 (1951)	1414
$C_{19}H_{23}NO_5$	N-Formyl-α,β-di-(3,4-dimethoxyphenyl) ethylamine	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{19}H_{23}N_3O_2$	Allethrolone dimer-1-semicarbazone	-	S	Freq	Allen	JOC	20 (1955)	323
$C_{19}H_{24}$	1,3-Bis-(4-ethyl-phenyl)propane	3-12μ	Sol	Spec	Cram	JACS	73 (1951)	5691
$C_{19}H_{24}$	Dimesitylmethane	-	-	Ident	Fuson	JACS	76 (1954)	499
$C_{19}H_{24}$	1,1-Diphenylheptane	1.1-1.25μ	L	Anal, Spec	Evans	AC	23 (1951)	1604
$C_{19}H_{24}$	1,1-Di-p-tolyl-2,2-dimethylpropane	-	-	Freq	Rogers	JACS	75 (1953)	2991
$C_{19}H_{24}Cl_2N_4$	N-Bis-(β-chloroethyl)-p-dimethylaminophenyl-diazobenzylamine	-	-	Spec	Chizhov	ZOK	30 (1960)	3695
$C_{19}H_{24}IN$	Duryl phenyl-N-methyl ketimine methiodide	-	-	Group freq	Fuson	JACS	75 (1953)	5321
$C_{19}H_{24}INO_3$	l-N-Methylcoclaurine methiodide	-	S	Ident	Kield	JCS	- (1954)	669
$C_{19}H_{24}N_2$	dl-Yohimbane	-	Sol	Ident	VanTamelen	JACS	76 (1954)	950

$C_{19}H_{24}N_2O$	Deacetylspermostrychnine	-	-	Freq	Anet	JCS	- (1955)	2253
$C_{19}H_{24}N_2O$	3-Hydroxy-2-p-tolui-dino-1-p-tolylpiperidine	-	-	Band freq	McGowan	JCS	- (1954)	4032
$C_{19}H_{24}N_2O_2$	Quinamine	-	-	Ident	Witkop	JACS	72 (1950)	2311
$C_{19}H_{24}N_2O_3$	Gelsedine	-	-	Ident	Schwary	JACS	75 (1953)	4372
$C_{19}H_{24}N_2O_4$	3,5,3',5'-Tetramethyl-4,4'-dicarbethoxy-dipyrrylmethene	2700-3500	Sol	Spec, H bond	Vestling	JACS	61 (1939)	3511
$C_{19}H_{24}N_2O_5$	α,β-Di(3,4-dimethoxy-phenyl)propion-hydrazide	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{19}H_{24}N_2O_5$	β,β-Di-(3,4-dimethoxy-phenyl)propion-hydrazide	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{19}H_{24}N_8O_{14}$	Tetramethyl-1,3-trimethylenediamine picrate	-	-	Ident	Wiesner	JACS	75 (1953)	6348
$C_{19}H_{24}O$	Androsta-1,4,6-trien-3-one	650-9000	Sol	Spec	Henbest	JCS	- (1957)	997
$C_{19}H_{24}O$	3,4-Diphenyl-4-heptanol	2-15μ	L	Spec, Ident	May	JOC	18 (1953)	1572
$C_{19}H_{24}O_2$	$\Delta^{1,4}$-Androstadiene-dione-3,17	1580-3100	Sol	I	Jones	JACS	72 (1950)	86
		-	Sol	Freq	Jones	JACS	72 (1950)	956
		-	Sol	Freq	Jones	JACS	74 (1952)	5648
		-	S	Group freq, Ident	Fried	JACS	75 (1953)	5764
		670-1400	Sol	Spec	Jones	JACS	77 (1955)	651
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
$C_{19}H_{24}O_2$	$\Delta^{4,6}$-Androstadiene-3,17-dione	752-1353	Sol	Tables	Jones	JACS	77 (1955)	651
$C_{19}H_{24}O_2$	$\Delta^{4,9(11)}$-Androsta-diene-3,17-dione	-	S	Group freq, Ident	Bernstein	JACS	75 (1953)	4830
		-	S	Group freq, Ident	Bernstein	JOC	19 (1954)	41

$C_{19}H_{24}O_2$	1,1-Dianisyl-2,2-dimethylpropane	-	-	Band study	Rogers	JACS	75 (1953)	2991
$C_{19}H_{24}O_2$	2,2-Dianisyl-3-methylbutane	-	-	Band study, Config	Rogers	JACS	75 (1953)	2991
$C_{19}H_{24}O_2$	4,4-Diphenyl-2,5-heptanediol	-	-	Group freq	Easton	JACS	75 (1953)	4731
$C_{19}H_{24}O_2$	Epoxynorcafestadienone	2-16 μ	Sol	Spec	Djerassi	JOC	18 (1953)	1449
		-	-	Band freq	Haworth	JCS	- (1955)	1983
$C_{19}H_{24}O_2$	d-Estrone methyl ether	600-3700	Sol	Spec, Ident	Johnson	JACS	74 (1952)	2832
$C_{19}H_{24}O_2$	dl-Estrone methyl ether	600-3700	Sol	Spec, Ident	Johnson	JACS	74 (1952)	2832
		-	Sol	Freq	Jones	JACS	74 (1952)	5648
$C_{19}H_{24}O_2$	1-Hydroxy-4-methyl-3-3-desoxyestrone	-	S	Band freq	Dreiding	JACS	75 (1953)	3159
$C_{19}H_{24}O_2$	dl-Lumiestrone methyl ether	600-3100	Sol	Spec, Ident	Johnson	JACS	74 (1952)	2832
		-	Sol	Freq	Jones	JACS	74 (1952)	5648
$C_{19}H_{24}O_2$	l-Lumiestrone methyl ether	600-3100	Sol	Spec, Ident	Johnson	JACS	74 (1952)	2832
$C_{19}H_{24}O_2$	$\Delta^{1,3,5:10}$-3-Methoxy-estratrienone-17	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{19}H_{24}O_2$	1,3,5:10-1-Methoxy-estratrienol-3-one-17	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	S	Band study	Dreiding	JACS	75 (1953)	3159
$C_{19}H_{24}O_3$	Andrenosterone	-	-	Ident	Eppstein	JACS	76 (1954)	3174
$C_{19}H_{24}O_3$	Δ^4-Androstene-3,6,17-trione	-	-	Struct	Paterson	JACS	75 (1953)	412
		-	-	Ident	Paterson	JACS	75 (1953)	5768
		-	Sol	Group freq	Amendolla	JCS	- (1954)	1226
$C_{19}H_{24}O_3$	Δ^4-Androstene-3,11,17-trione	1700	Sol	Freq, Struct	Jones	JACS	71 (1949)	241
		2.5-15 μ	S	Spec	Blout	JOSA	41 (1951)	547
		-	-	Struct	Paterson	JACS	75 (1953)	412
		-	S,Sol	Freq	Tarpley	APS	9 (1955)	69

$C_{19}H_{24}O_3$	Δ^1-Dehydrotestolo-lactone	- 700-4000 800-1300	S S S	Group freq H bond, Struct Freq, Ident, Struct	Fried Gual Rosenkrantz	JACS SA SA	75 (1953) 13 (1958) 13 (1958)	5764 248 291
$C_{19}H_{24}O_3$	1,1-Diphenyl-2,2-diethoxypropanol-1	2-16 μ	S	Spec	Stevens	JOC	17 (1952)	1228
$C_{19}H_{24}O_3$	$\Delta^{5,13(17a)}$-Etiojervadiene-3β-ol-11,17-dione	-	S	Group freq	Fried	JACS	75 (1953)	4929
$C_{19}H_{24}O_3$	13-Hydroxy-3-keto-13:17-seco-$\Delta^{1:4}$-androstadien-17-oic acid lactone	1000-1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{19}H_{24}O_3$	16-Keto-17β-estradiol-3-methyl ether	-	-	Group freq, Struct, Ident	Sheehan	JACS	75 (1953)	6231
$C_{19}H_{24}O_3S$	D-threo-4-Phenyl-3-hexyl tosylate	-	Sol	Anal	Cram	JACS	75 (1953)	3189
$C_{19}H_{24}O_3S$	L-Erythro-4-phenyl 3-hexyl tosylate	-	Sol	Anal	Cram	JACS	75 (1953)	3189
$C_{19}H_{24}O_3S$	L-Threo-4-phenyl-3-hexyl tosylate	-	Sol	Anal	Cram	JACS	75 (1953)	3189
$C_{19}H_{24}O_6$	4b-Methyl-2-carbomethoxy-7-ethylenedioxy-1,2,3,4,4aα,4b,5,6,7,8,10,10aβ-dodecahydrophenanthrene-1,4-dione	-	S	Group freq	Lukes	JACS	75 (1953)	1707
$C_{19}H_{25}NO_2$	N,N-Bis-(3,5-dimethyl-2-hydroxybenzyl)-methylamine	2-15 μ	S	Spec, Freq	Burke	JACS	74 (1952)	602
$C_{19}H_{25}NO_2$	Δ^6-Dihydrodesoxycodeine methyl ether	2-12 μ	Sol	Spec	Gates	JACS	72 (1950)	4839
$C_{19}H_{25}NO_2$	β-Δ^6-Dihydrodesoxycodeine methyl ether	2-12 μ	Sol	Spec	Gates	JACS	72 (1950)	4839

$C_{19}H_{25}NO_2$	Synthetic-d,1-β-Δ^6-dihydrodesoxy-codeine methyl ether	2-12 μ	Sol	Spec	Gates	JACS	72 (1950)	4839
$C_{19}H_{25}NO_3$	Isomethyldihydro-thebainone	-	-	Ident	Stork	JACS	75 (1953)	4373
$C_{19}H_{25}NO_3$	1-(2-Phenylethyl)-4-ethyl-4,5-amyl-2,3,5-pyrrolidine-trione	-	-	Spec	Skinner	JACS	72 (1950)	5569
$C_{19}H_{25}NO_4$	10-Ketotetrahydro-α-methylmorphimethine	-	-	Group freq	Rappaport	JACS	76 (1954)	1796
$C_{19}H_{25}NO_5$	Acetyllunacridine	1450-4000	S,Sol	Spec, Freq	Price	AJC	12 (1959)	589
$C_{19}H_{25}NO_6$	N,N-Bis-(3,5-dimethoxy-4-hydroxybenzyl)-methylamine	2-15 μ	S	Spec, Freq	Burke	JACS	74 (1952)	602
$C_{19}H_{25}N_3O$	4-Pentylidene-3-iminopentylidene-1-phenyl-5-pyrazolone	400-4000	-	Freq	Gagnon	CJC	37 (1959)	110
$C_{19}H_{26}$	$\Delta^{1\text{-exo}}$- Dehydroabietene	-	-	Freq	Zeiss	JACS	75 (1953)	5935
$C_{19}H_{26}D_4O$	Androstanone-d_4-2,4	1300-3400	Sol	Spec	Jones	JACS	74 (1952)	5662
$C_{19}H_{26}BrClO_2$	4-Bromo-2-chloro-androstane-3,17-dione	-	Sol	Band freq	Beereboom	JOC	19 (1954)	1196
$C_{19}H_{26}Cl_2O_2$	2,2-Dichloroandro-stane-3,17-dione	-	Sol	Band freq	Beereboom	JOC	19 (1954)	1196
$C_{19}H_{26}N_2O$	Aspidosine	2.80-11.70 μ	Sol	Group freq	Witkop	JACS	76 (1954)	5603
$C_{19}H_{26}N_2O_2$	Dihydroniquidine	-	S	Ident	Mosher	JACS	74 (1952)	4627
$C_{19}H_{26}N_2O_4$	Di-(5-Ethoxycarbonyl-3:4 dimethyl-2-pyrryl) methane	500-4000	S,Sol	Freq, Spec, Struct,	Eisner	JCS	- (1958)	971

$C_{19}H_{26}N_4O_2$	N-Bis-(β-hydroxy-ethyl)-p-dimethyl-aminophenyldiazo-benzylamine	-	-	Spec	Chizhov	ZOK	30 (1960)	3695
$C_{19}H_{26}O$	$\Delta^{3,5}$-Androstadiene-one-17	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{19}H_{26}O$	$\Delta^{4,16}$-Androsta-dienone-3	2.5-13μ	Sol	Spec, Group freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		-	Sol	Freq	Sondheimer	JACS	77 (1955)	4145
$C_{19}H_{26}O$	Phenyl-β-ionol	-	-	Group freq	Oroshnik	JACS	76 (1954)	2325
$C_{19}H_{26}O_2$	$\Delta^{1,4}$-Androstadienol 17α-one-3	1580-3100	Sol	Freq	Jones	JACS	72 (1950)	86
		-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	S	Group freq	Fried	JACS	75 (1953)	5764
		660-1360	Sol	Spec	Jones	JACS	77 (1955)	651
		650-1350	S	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{26}O_2$	Δ^{1}-Androstenedione-3,17	158-3100	Sol	Group study	Jones	JACS	72 (1950)	86
		-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		746-1268	Sol	Tables	Jones	JACS	77 (1955)	651
$C_{19}H_{26}O_2$	Δ^{4}-Androstenedione-3,17	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study	Jones	JACS	72 (1950)	86
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		7.5-12.5μ	L,S, Sol	Spec, Band freq	Rosenkrantz	AC	25 (1953)	1025
		700-1370	Sol	Spec	Jones	JACS	77 (1955)	651
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
		-	-	IR	Morcillo	ARS	53B (1957)	145
$C_{19}H_{26}O_2$	$\Delta^{1,3,5:10}$-Methylestra-trienediol-3,17β	1650-1800	Sol	Group study	Jones	JACS	72 (1950)	956
$C_{19}H_{26}O_2$	16α,17α-Oxido-Δ^{4}-Androsten-3-one	-	Sol	Freq	Sondheimer	JACS	77 (1955)	4145
$C_{19}H_{26}O_3$	Allethrin	2-15μ	L,Sol	IR	Freeman	AC	27 (1955)	1268
$C_{19}H_{26}O_3$	Androstane-3,6,17-trione	-	Sol	Group freq	Amendolla	JCS	- (1954)	1226

$C_{19}H_{26}O_3$	Δ^4-Androsten-6β-ol-3,17-dione	-	-	Group freq	Amendolla	JCS	- (1954)	1226
		-	-	Ident	Eppstein	JACS	76 (1954)	3174
$C_{19}H_{26}O_3$	Androstane-3,11,17-trione	1700	Sol	Freq	Jones	JACS	71 (1949)	241
		950-1350	S,Sol	Freq	Rosenkrantz	AC	28 (1956)	31
$C_{19}H_{26}O_3$	Δ^4-Androsten-11α-ol-3,17-dione	-	S	Group freq	Bernstein	JACS	75 (1953)	1481
		-	S	Group freq	Bernstein	JOC	18 (1953)	1166
		-	S	Group freq	Bernstein	JOC	19 (1954)	41
		-	S	Group freq, Struct	Eppstein	JACS	76 (1954)	3174
$C_{19}H_{26}O_3$	Δ^4-Androsten-11β-ol-3,17-dione	-	S	Group freq	Bernstein	JOC	18 (1953)	1166
$C_{19}H_{26}O_3$	Δ^4-Androsten-17β-ol-3,11-dione	-	S	Group freq	Bernstein	JOC	18 (1953)	1166
$C_{19}H_{26}O_3$	Δ^4-Androsten-17β-ol-3,16-dione	-	S	Group freq, Band Freq	Meyer	JACS	76 (1954)	3033
$C_{19}H_{26}O_3$	Caryophyllene maleic anhydride adduct	-	Sol	Freq	Nickon	JACS	77 (1955)	1190
$C_{19}H_{26}O_3$.HCl	Caryophyllene maleic anhydride adduct hydrochloride	-	Sol	Freq	Nickon	JACS	77 (1955)	1190
$C_{19}H_{26}O_3$	$\Delta^{1(11):9}$-Decahydro-1:12-dimethyl-6:7-isopropyl-idenedioxy-2-oxophenanthrene	650-900	Sol	Spec	Henbest	JCS	- (1957)	997
$C_{19}H_{26}O_3$	11-Dihydrcadrenosterone	-	-	Spec, Ident	Huang	JACS	74 (1952)	1562
$C_{19}H_{26}O_3$	1,14-Dimethyl-2-keto-6,7-dihydroxy-$\Delta^{1(11),9}$-decahydrophenanthrene acetonide	2-12μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{19}H_{26}O_3$	Etiocholan-3,11,17-trione	1700	Sol	Freq, Struct	Jones	JACS	71 (1949)	271
		-	-	Struct	Patterson	JACS	75 (1953)	412
		-	S,Sol	Freq	Tarpley	APS	9 (1955)	69
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31

$C_{19}H_{26}O_3$	17-β-Hydroxyandrost-4-ene-3,16-dione	-	Sol	Band study	Bellamy	JCS	- (1957)	861
$C_{19}H_{26}O_3$	13-Hydroxy-3-keto-13:17-seco-Δ^4-androsten-17-oic acid lactone	1000-1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{19}H_{26}O_3$	Octahydrodemethoxy-desoxydesacetamido-colchicine	2-14 μ	S	Spec, Struct	Rapoport	JACS	76 (1954)	3693
		-	-	Ident	Rapoport	JACS	77 (1955)	2389
$C_{19}H_{26}O_3$	3-Oxo-14β,17α,19-nor-10ξ-Δ^4-etienic acid	-	-	Ident	Barber	JOC	19 (1954)	365
$C_{19}H_{26}O_3$	6-Oxotestosterone	-	Sol	Group freq	Amendolla	JCS	- (1954)	1226
$C_{19}H_{26}O_3$	Testololactone	-	S	Group freq	Fried	JACS	75 (1953)	5764
		700-4000	S	H bond, Struct, Spec	Gual	SA	13 (1958)	248
		800-1300	S	Freq, Ident, Struct	Rosenkrantz	SA	13 (1958)	291
$C_{19}H_{26}O_4$	5,6,7,7a,8,9,10,11,12,12a-Decahydro-1,2,3-trimethoxy-5-ketobenzo[a]heptalene	840-2900	Sol	Table	Gutsche	JACS	76 (1954)	1771
$C_{19}H_{26}O_4$	2β,4b-Dimethyl-2-acetonyl-1,2,3,4,4aα,4b,5,6,7,9,10,10aβ-dodecahydrophenanthrene-4β-ol-1,7-dione	-	S	Band freq	Sarett	JACS	75 (1953)	2112
$C_{19}H_{26}O_5$	4b-Methyl-2-acetyl-7-ethylenedioxy-1,2,3,4,4aα,4b,5,6,7,8,10,10aβ-dodecahydrophenanthrene-4β-ol-1-one	-	S	Group freq	Lukes	JACS	75 (1953)	1707
$C_{19}H_{26}O_6$	Iresin diacetate	-	Sol	Group freq	Djerassi	JACS	76 (1954)	2966
$C_{19}H_{26}O_{13}$	Hexaacetyl-D-glycero β-D-gala-aldoheptose	2-15 μ	Sol	Band freq, I	Whistler	AC	25 (1953)	1463

$C_{19}H_{26}O_{13}$	Hexaacetyl-D-glycero-α-D-gulo-aldeheptose	2-15μ	Sol	Band freq, I	Whistler	AC	25 (1953)	1463
$C_{19}H_{26}O_{13}$	Hexaacetyl-D-glycero-β-D-gulo-aldoheptose	2-15μ	Sol	Band freq, I	Whistler	AC	25 (1953)	1463
$C_{19}H_{26}O_{13}$	Hexaacetyl-D-glycero-β-L-manno-aldoheptose	2-15μ	Sol	Band freq, I	Whistler	AC	25 (1953)	1463
$C_{19}H_{27}BrO_2$	2-Bromoandrostanedione-3,17	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{19}H_{27}BrO_4$	Caryophyllene maleic anhydride adduct bromo-γ-lactonic acid	-	S	Freq	Nickon	JACS	77 (1955)	1190
$C_{19}H_{27}BrO_4$	Caryophyllene maleic anhydride adduct bromo-δ-lactonic acid	-	S	Freq	Nickon	JACS	77 (1955)	1190
$C_{19}H_{27}ClO$	3β-Chloro-Δ^5-androstenone-17	2.5-15μ	Sol	Spec, Band freq	Hirschmann	JACS	74 (1952)	5357
$C_{19}H_{27}ClO_2$	2-Chloroandrostane-3,17-dione	-	Sol	Band freq	Beereboom	JOC	19 (1954)	1196
$C_{19}H_{27}NO.HCl$	3-Oxa-4-phenyl-4-cyclopentyl quinolizidine hydrochloride	2-8μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{19}H_{27}NO.HCl$	1-Phenylcyclohexyl-2-piperidinemethyl ketone hydrochloride	-	-	Band freq	Tilford	JACS	76 (1954)	2431
$C_{19}H_{27}NO_4$	Ethyl N-(δ-carbethoxybutyl)-1,2,3,4-tetrahydroisoquinoline-3-carboxylate	-	L	Group freq	Leonard	JACS	76 (1954)	3193
$C_{19}H_{28}D_2O$	Androstanone-17-d_2-16	1300-1500	Sol	Spec	Jones	JACS	74 (1952)	5662
$C_{19}H_{28}O$	$\Delta^{5,16}$-Androstadien-3β-ol	-	Sol	Band study	Sondheimer	JACS	77 (1955)	4145
$C_{19}H_{28}O$	Δ^2-Androstenone-17	1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648

		-	Sol	Band study	Iriarte	JOC	20 (1955)	542
		712-1287	Sol	Table	Jones	JACS	77 (1955)	651
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{19}H_{28}O$	Δ^4-Androstenone-3	-	-	Assign	Jones	JACS	70 (1948)	2024
		1628-1728	Sol	Band study, Ext coefficient	Jones	JACS	74 (1952)	80
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		2.5-13 μ	Sol	Spec, Group freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		640-1380	Sol	Spec	Jones	JACS	77 (1955)	651
$C_{19}H_{28}O$	α,β-Diallyl-α-mesityl-β',β-dimethylethanol	1.4-2.4 μ	-	Band freq	Geissman	JACS	73 (1951)	5759
$C_{19}H_{28}O$	1-(p-Tolyl)-2-cyclohexylcyclohexanol	-	Sol	Freq, H bond	Anet	CJC	34 (1956)	1756
$C_{19}H_{28}OS$	Dehydroisoandrosteryl-mercaptan	670-3700	S	Spec	Bernstein	JOC	16 (1951)	679
$C_{19}H_{28}O_2$	Androstanedione-3,17	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Band study	Jones	JACS	74 (1952)	80
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		760-1312	Sol	Tables	Jones	JACS	77 (1955)	651
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{19}H_{28}O_2$	Androstane-6,17-dione	-	Sol	Band freq	Rosenkrantz	JACS	76 (1954)	5024
$C_{19}H_{28}O_2$	i-Androstanol-6-one-17	-	Sol	Group freq	Jones	JACS	74 (1952)	5648
$C_{19}H_{28}O_2$	Δ^1-Androstenol-17α-one-3	1580-3100	Sol	Group study	Jones	JACS	72 (1950)	86
		-	Sol	Group study	Jones	JACS	72 (1950)	956
		650-1380	Sol	Spec	Jones	JACS	77 (1955)	651
		650-1380	-	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{28}O_2$	Δ^4-Androstenol-17α-one-3	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study	Jones	JACS	72 (1950)	86
		1628-1728	Sol	Ext coefficient	Jones	JACS	74 (1952)	80
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648

		2.5-13 μ	Sol	Spec, Group freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		-	Sol	Ident	Amendolla	JCS	- (1954)	1226
		-	Sol	Ident	Sondheimer	JACS	77 (1955)	4145
$C_{19}H_{28}O_2$	Δ^4-Androstenol-17β-one-3	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	-	Freq	Clarke	JACS	77 (1955)	651
		681-1330	Sol	Table	Jones	JACS	77 (1955)	661
		-	-	Ident	Johnson	JACS	77 (1955)	817
		650-1350	S	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{28}O_2$	Δ^5-Androsten-3β-ol-17-one	650-1350	S	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{28}O_2$	Δ^7-Androsten-3β-ol-17-one	-	-	Band freq	Neumann	JACS	73 (1951)	5478
$C_{19}H_{28}O_2$	$\Delta^{9:11}$-Androstenol-3α-one-17	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study	Jones	JACS	72 (1950)	86
		-	Sol	Band freq	Cole	JACS	74 (1952)	5571
		2.5-13 μ	Sol	Band freq, Struct	Rosenkrantz	JACS	75 (1953)	903
$C_{19}H_{28}O_2$	Dehydroisoandrosterone	-	Sol	Spec, Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study	Jones	JACS	72 (1950)	86
		2-13 μ	Sol	Spec	White	AC	22 (1950)	768
		2.5-15 μ	S,Sol	Spec, Band freq	Hirschmann	JACS	74 (1952)	5357
		1694-1794	Sol	Ext coefficient	Jones	JACS	74 (1952)	80
		-	Sol	Freq	Jones	JACS	74 (1952)	5648
		8-13 μ	S,L,Sol	Spec, Band freq	Rosenkrantz	AC	25 (1953)	1025
		-	S,Sol	Group freq	Turner	JACS	75 (1953)	4362
		715-1288	Sol	Table	Jones	JACS	77 (1955)	651
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
$C_{19}H_{28}O_2$	1,4-Dihydro-3,17β-estradiol-3-methyl ether	-	Sol	Group freq, I	Wilds	JACS	75 (1953)	5366
$C_{19}H_{28}O_2$	1,4-(5',6'-Dihydroxy-decamethylene)-benzene acetonide	-	Sol	Group freq, I	Cram	JACS	76 (1954)	2743
$C_{19}H_{28}O_2$	Etiocholanedione-3,17	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648

		764-1354	Sol	Table	Jones	JACS	77 (1955)	651
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{19}H_{28}O_2$	$\Delta^{9:11}$-Etiocholenol-3α-one-17	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study	Jones	JACS	72 (1950)	86
		-	Sol	Group freq	Cole	JACS	74 (1952)	5571
		2.5-13μ	Sol	Freq, Struct	Rosenkrantz	JACS	75 (1953)	903
$C_{19}H_{28}O_2$	Δ^{11}-Etiocholenol-3α-one-17	2700-4000	Sol	Spec, Assign	Jones	JACS	70 (1948)	2024
$C_{19}H_{28}O_2$	17β-Hydroxymethyl-Δ^4-estren-3-one	-	Sol	Freq	Sandoval	JACS	77 (1955)	148
$C_{19}H_{28}O_2$	14-Isoandrostane-3,17-dione	-	-	Ident	StAndre	JACS	74 (1952)	5506
$C_{19}H_{28}O_2$	19-Nor-17α-methyl-testosterone	-	Sol	Band freq	Djerassi	JACS	76 (1954)	4092
$C_{19}H_{28}O_2$	Testane-3,17-dione	-	-	Band freq	Fieser	JACS	75 (1953)	4837
$C_{19}H_{28}O_2$	Testosterone	-	-	IR	Morcillo	ARS	53B (1957)	145
$C_{19}H_{28}O_3$	Androstanol-3α-dione-11, 17	1700	Sol	Freq	Jones	JACS	71 (1949)	241
		-	Sol	Freq	Cole	JACS	74 (1952)	5571
		2.5-13μ	Sol	Freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{19}H_{28}O_3$	Androstan-11β-ol-3,17-dione	950-1350	S,Sol	Band freq	Rosenkrantz	AC	28 (1956)	31
$C_{19}H_{28}O_3$	Androstan-17β-ol-3,6-dione	-	Sol	Band freq, Ident	Sondheimer	JACS	75 (1953)	4712
		-	Sol	Group freq, Ident	Amendolla	JCS	- (1954)	1226
		-	-	Group freq	Eppstein	JACS	76 (1954)	3174
		-	Sol	Band freq	Rosenkrantz	JACS	76 (1954)	5024
$C_{19}H_{28}O_3$	Δ^4-Androstene-3β,6β-diol-17-one	-	S	Group freq	Amendolla	JCS	- (1954)	1226
$C_{19}H_{28}O_3$	Δ^4-Androsten-11α,17β-diol-3-one	-	S	Group freq	Bernstein	JOC	18 (1953)	1166
				Group freq	Eppstein	JACS	76 (1954)	3174

$C_{19}H_{28}O_3$	Δ^4-Androsten-11β,17β-diol-3-one	2-13.5μ	S	Spec	Axelrod	JACS	75 (1953)	5729
		-	S	Group freq	Bernstein	JOC	18 (1953)	1166
$C_{19}H_{28}O_3$	5-α-Dihydrotestolo-lactone	-	S	Group freq	Fried	JACS	75 (1953)	5764
$C_{19}H_{28}O_3$	5β-Dihydrotestolo-lectone	-	S	Group freq	Fried	JACS	75 (1953)	5764
$C_{19}H_{28}O_3$	3β,16-Dihydroxy-16:17-seco-Δ^5-androsten-17-oic acid-16:17-lactone	1000-1900	S	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{19}H_{28}O_3$	3β,17-Dihydroxy-16:17-seco-Δ^5-androsten-16-oic acid-16:17-lactone	1000-1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{19}H_{28}O_3$	3β,17β-Dihydroxy-androst-5-en-16-one	-	Sol	Band study	Bellamy	JCS	- (1957)	861
$C_{19}H_{28}O_3$	1,14-Dimethyl-2-keto-6,7-dihydroxy-$\Delta^{1(11)}$-dodecahydrophenan-threne acetonide	2-12μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{19}H_{28}O_3$	$\Delta^{1(11)}$-Dodecahydro-1:12-dimethyl-6:7-isopropylidenedioxy-2-oxophenanthrene	650-900	Sol	Spec	Henbest	JCS	- (1957)	997
$C_{19}H_{28}O_3$	9,11-Epoxyetiocholanol-3α-one-17	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{19}H_{28}O_3$	9α,11α-Epoxyandro-stanol-3α-one-17	-	Sol	Freq	Cole	JACS	74 (1952)	5571
$C_{19}H_{28}O_3$	Etiocholanol-3α-dione-11,17	1700	Sol	Freq, Struct	Jones	JACS	71 (1949)	241
		-	Sol	Band freq	Cole	JACS	74 (1952)	5571
		2.5-13μ	Sol	Group freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		800-1800	S	Spec, Anal	Slaunwhite	AC	29 (1957)	1614
$C_{19}H_{28}O_3$	12α-Hydroxyandro-stane-3,17-dione	-	-	Ident	Adams	JCS	- (1954)	2209

$C_{19}H_{28}O_3$	2α-Hydroxytesto-sterone	-	Sol	Band freq, Ident	Sondheimer	JACS	75 (1953)	4712
		-	-	Freq	Clarke	JACS	77 (1955)	661
$C_{19}H_{28}O_3$	6β-Hydroxytestosterone	-	Sol	Group freq	Amendolla	JCS	- (1954)	1226
		-	-	Group freq	Eppstein	JACS	76 (1954)	3174
$C_{19}H_{28}O_4$	Caryophyllene maleic anhydride adduct δ-lactonic acid	-	Sol	Freq	Nickon	JACS	77 (1955)	1190
$C_{19}H_{28}O_4$	Caryophyllene maleic anhydride adduct dicarboxylic acid	-	Sol	Freq	Nickon	JACS	77 (1955)	1190
$C_{19}H_{28}O_6$	Dihydroiresin diacetate	-	Sol	Band freq	Djerassi	JACS	76 (1954)	2966
$C_{19}H_{28}O_6$	Isodihydroiresin diacetate	-	Sol	Band freq	Djerassi	JACS	76 (1954)	2966
$C_{19}H_{29}BrO_2$	2-Bromoandrostanol-17β-one-3	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		1683-1783	Sol	Ext coefficient	Jones	JACS	74 (1952)	80
		-	Sol	Band study	Jones	JACS	74 (1952)	2828
$C_{19}H_{29}ClO$	3-Chloroandrostanone-17	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{19}H_{29}ClO$	3β-Chloroandro-stanone-17	2.5-15μ	Sol	Spec, Band freq	Hirschmann	JACS	74 (1952)	5357
$C_{19}H_{29}ClO_2$	5-Chloroandrostanol-3-one-17	-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
$C_{19}H_{29}NO_3S$	N-Dodecylsaccharin	-	-	Group freq, Struct	Rice	JACS	75 (1953)	4304
$C_{19}H_{29}N_3O_2$	3,5-Dimethyl-1,8-dioxo-2,4-di-n-propyl-3a,4,5,6,7,7a-hexa-hydro-4,7-methano-indene-8-semicarbazone	-	S	Group freq	Allen	JOC	20 (1955)	323
$C_{19}H_{30}$	3,5-Cycloandrostane	3-12μ	Sol	Spec	Wagner	JOC	17 (1952)	529

$C_{19}H_{30}$	3-Methyl-1-(2,6,6-trimethylcyclohex-2-enylidene)-nona-2,4-cis-diene	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{19}H_{30}$	3-Methyl-1-(2,6,6-trimethylcyclohex-2-enylidene)-nona-2,4-trans-diene	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{19}H_{30}$	2-Phenyl-1-tridecene	2-16 μ	L	Ident	Gray	JOC	20 (1955)	511
$C_{19}H_{30}N_4O_4$	2-Tridecanone-2,4-dinitrophenyl-hydrazone	2-15 μ	S	Spec, Ident	Jones	AC	28 (1956)	191
$C_{19}H_{30}O$	Androstanone-3	-	-	Assign	Jones	JACS	70 (1948)	2024
		1665-1765	Sol	Ext coefficient	Jones	JACS	74 (1952)	72
		1350-1500	Sol	Spec, Freq	Jones	JACS	74 (1952)	80
		650-3400	Sol	Spec	Jones	JACS	74 (1952)	5648
		1695-1735	Sol	Group freq	Ramsay	JACS	74 (1952)	5662
		2.5-13 μ	Sol	Spec, Group freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		710-1380	Sol	Spec	Jones	JACS	77 (1955)	651
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{19}H_{30}O$	Androstanone-17	-	-	Assign	Jones	JACS	70 (1948)	2024
		650-1350	Sol	Spec, Ext coefficient	Cole	JACS	74 (1952)	5571
		1350-1500	Sol	Spec, Freq	Jones	JACS	74 (1952)	5648
		1300-1500	Sol	Spec	Jones	JACS	74 (1952)	5662
		2.5-13 μ	Sol	Spec, Freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		690-1390	S,Sol	Band study	Jones	JACS	77 (1955)	651
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{19}H_{30}O$	Δ^5-Androsten-3β-ol	1580-3100	Sol	I, Group study	Jones	JACS	72 (1950)	86
		1650-1800	Sol	Group study	Jones	JACS	72 (1950)	956
		-	Sol	Freq	Cole	JACS	74 (1952)	5571
		-	Sol	Freq	Jones	JACS	74 (1952)	5648
		7.5-13 μ	S,L,Sol	Spec	Rosenkrantz	AC	25 (1953)	1025
		650-1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O_2$	Androstan-3α-ol-17-one	800-3700	Sol	Spec	Jones	JACS	70 (1948)	2024
		-	Sol	Freq	Jones	JACS	72 (1950)	956

		680-1340	Sol	Perform. of microcells	Cole	JOSA	42 (1952)	348
		-	Sol	Freq	Cole	JACS	74 (1952)	5571
		1694-1794	Sol	Ext coefficient	Jones	JACS	74 (1952)	80
		-	Sol	Freq	Jones	JACS	74 (1952)	5648
		2.5-13μ	Sol	Freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		-	Sol	Band freq	Iriarte	JOC	20 (1955)	542
		822-1288	Sol	Table	Jones	JACS	77 (1955)	651
		770-3700	Sol	Freq	Rosenkrantz	JACS	77 (1955)	2237
		800-1800	S	Spec	Slaunwhite	AC	29 (1957)	1614
		650-1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O_2$	Androstan-3β-ol-17-one	-	-	Assign	Jones	JACS	70 (1948)	2024
		650-1350	Sol	Freq, Spec, Ext coefficient	Cole	JACS	74 (1952)	5571
		2.5-15μ	S,Sol	Spec, Band freq	Hirschmann	JACS	74 (1952)	5357
		-	Sol	Freq	Jones	JACS	74 (1952)	5648
		-	-	Ident	Johnson	JACS	75 (1953)	2275
		2.5-13μ	Sol	Freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		-	-	Ident	Leeds	JACS	76 (1954)	2265
		710-1292	Sol	Table	Jones	JACS	77 (1955)	651
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O_2$	Androstan-17α-ol-3-one	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Freq	Jones	JACS	74 (1952)	2828
		-	Sol	Freq	Jones	JACS	74 (1952)	5648
$C_{19}H_{30}O_2$	Androstan-17β-ol-3-one	-	-	Assign	Jones	JACS	70 (1948)	2024
		1670-1770	Sol	Ext coefficient	Jones	JACS	74 (1952)	80
		2.5-13μ	Sol	Spec, Group freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		760-1311	Sol	Table	Jones	JACS	77 (1955)	651
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
		650-1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O$	Δ^{16}-Androsten-3α-ol	1650-1800	Sol	Group study	Jones	JACS	72 (1950)	956
		-	Sol	Freq	Cole	JACS	74 (1952)	5571
		2.5-13μ	Sol	Spec, Group freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		650-1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O$	Etiocholanone-3	-	-	Assign	Jones	JACS	70 (1948)	2024
		650-1370	Sol	Spec	Jones	JACS	77 (1955)	651
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31

$C_{19}H_{30}O$	Etiocholanone-17	690–1350	Sol	Spec	Jones	JACS	77 (1955)	651
		950–1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{19}H_{30}O$	Δ^{16}-Etiocholenol-3α	1650–1800	Sol	Group study	Jones	JACS	72 (1950)	956
		–	Sol	Freq	Cole	JACS	74 (1952)	5571
		650–1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O$	Δ^{16}-Etiocholenol-3β	1650–1800	Sol	Group study	Jones	JACS	72 (1950)	956
		–	Sol	Freq	Cole	JACS	74 (1952)	5571
		650–1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O$	3-Methyl-1-(2,6,6-trimethylcyclohex-2-enylidene)-nona-2,4-cis-dien-6-ol	2–16μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{19}H_{30}O$	3-Methyl-1-(2,6,6-trimethylcyclohex-2-enylidene)-nona-2-cis-4-trans-dien-6-ol	2–16μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{19}H_{30}O$	3-Methyl-1-(2,6,6-trimethylcyclohex-2-enylidene)-nona-2,4-trans-dien-6-ol	2–16μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{19}H_{30}O_2$	Δ^{5}-Androstenediol-3,17	–	–	Assign	Jones	JACS	70 (1948)	2024
$C_{19}H_{30}O_2$	Δ^{5}-Androstenediol-3β, 16α	650–1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O_2$	Δ^{5}-Androstenediol-3β,17α	1580–3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		–	Sol	Freq	Cole	JACS	74 (1952)	5571
		650–1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O_2$	Δ^{5}-Androstenediol-3β,17β	1580–3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		650–1750	S	Spec, Ident	Beher	AC	29 (1957)	1147
		650–1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
		2.5–3.5μ	Sol	OH group study	Kabasakalian	AC	31 (1959)	375
$C_{19}H_{30}O_2$	Δ^{7}-Androstenediol-3β,17β	–	–	Spec	Neumann	JACS	73 (1951)	5478

$C_{19}H_{30}O_2$	Etiocholanol-3α-one-17	2700-4000	Sol	Spec, Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	Sol	Freq	Cole	JACS	74 (1952)	5571
		1693-1793	Sol	Spec, Ext coefficient	Jones	JACS	74 (1952)	80
		-	Sol	Band study	Jones	JACS	74 (1952)	5648
		1735-1765	-	Band freq	Ramsay	JACS	74 (1952)	72
		2.5-13μ	Sol	Freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		708-1255	Sol	Table	Jones	JACS	77 (1955)	651
		770-3700	Sol	Freq	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O_2$	Etiocholanol-3β-one-17	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Freq	Cole	JACS	74 (1952)	5571
		-	Sol	Freq	Jones	JACS	74 (1952)	80
		1692-1792	Sol	Ext coefficient	Jones	JACS	74 (1952)	5648
		708-1255	Sol	Table	Jones	JACS	77 (1955)	651
		800-3800	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		800-1800	S	Anal	Slaunwhite	AC	29 (1957)	1614
		650-1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O_2$	Etiocholanol-17β-one-3	-	Sol	Freq	Jones	JACS	74 (1952)	5648
		767-1353	Sol	Table	Jones	JACS	77 (1955)	651
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
		650-1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{19}H_{30}O_2$	Isoandrololactone	700-4000	S	Spec, H bond, Struct	Gual	SA	13 (1958)	248
$C_{19}H_{30}O_2$	dl-Lumiepiandrosterone	-	-	Ident	Johnson	JACS	75 (1953)	2275
$C_{19}H_{30}O_2$	3α,4α-Oxidotestane-17β-ol	-	-	Ident	Fieser	JACS	75 (1953)	1704
		-	-	Band freq	Fieser	JACS	75 (1953)	4837
$C_{19}H_{30}O_2$	2,4,6-Tri-t-butyl-benzoic acid	-	Sol	Spec	Forbers	CJC	38 (1960)	728
$C_{19}H_{30}O_3$	Androstanediol-3α-11β-one-17	-	-	Assign	Jones	JACS	70 (1948)	2024
		2.5-13μ	Sol	Freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{19}H_{30}O_3$	Androstan-3-one-6β,17β-diol	-	S	Band freq	Rosenkrantz	JACS	76 (1954)	5024

$C_{19}H_{30}O_3$	Δ^4-Androstene-3β,6β, 17β-triol	-	S	Group freq	Amendolla	JCS	- (1954)	1226
$C_{19}H_{30}O_3$	5,17β-Dihydroxy-3:5 seco-4-nor-17-methyl-androstane-3-oic acid 3:5 lactone	1000-1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{19}H_{30}O_3$	3α-13-Dihydroxy-13:17-seco-etiocholan-17-oic acid 13:17 lactone	1000-1900	-	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{19}H_{30}O_3$	Etiocholanediol-3α,11β-one-17	-	-	Ident	Belleam	JACS	74 (1952)	2816
		2.5-13μ	Sol	Group freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		700-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		800-1800	S	Anal	Slaunwhite	AC	29 (1957)	1614
$C_{19}H_{30}O_3$	Etiocholanediol-3α, 17α-one-11	1713	Sol	Freq	Jones	JACS	71 (1949)	241
$C_{19}H_{30}O_3$	3β,16α,17β-Trihydroxy-Δ^5-androstene	2.5-15μ	S	Spec, Band freq	Hirschmann	JACS	74 (1952)	5357
$C_{19}H_{30}O_7$	Triethyl cyclohexanone -2-carboxylate-2,6-di-β-propionate	-	L	Band freq	Leonard	JACS	74 (1952)	4070
$C_{19}H_{32}$	Androstane	650-1350	Sol	Spec, Ext coefficient	Cole	JACS	74 (1952)	5571
		1350-1500	Sol	Spec, Freq	Jones	JACS	74 (1952)	5648
		7.2-12.5μ	S,L,Sol	Spec	Rosenkrantz	AC	25 (1953)	1025
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{19}H_{32}$	Etiocholane	-	Sol	Freq	Jones	JACS	74 (1952)	5648
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{19}H_{32}$	2-Phenyltridecane	2-16μ	L	Spec	Gray	JOC	20 (1955)	511
		2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633
$C_{19}H_{32}$	7-Phenyltridecane	1.1-1.25μ	L	Anal, Absorption	Evans	AC	23 (1951)	1604
		2-15μ	L	Spec, Struct	Hawkes	SA	16 (1960)	633

$C_{19}H_{32}O$	Androstanol-3α	-	Sol	Freq	Cole	JACS	74 (1952)	5571
		-	Sol	Freq	Jones	JACS	74 (1952)	5648
		2.5-13μ	Sol	Spec, Group freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Spec	Jones	JACS	80 (1958)	6121
$C_{19}H_{32}O$	Androstanol-3β	650-1350	Sol	Freq, Spec	Cole	JACS	74 (1952)	5571
		-	Sol	Freq	Jones	JACS	74 (1952)	5648
		2.5-13μ	Sol	Spec, Freq	Rosenkrantz	JACS	75 (1953)	903
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	-	Spec	Jones	JACS	80 (1958)	6121
$C_{19}H_{32}O$	Androstanol-17	-	Sol	Assign	Jones	JACS	70 (1948)	2024
$C_{19}H_{32}O$	Androstanol-17β	2.5-13μ	Sol	Spec, Freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
		650-1350	Sol	Spec	Jones	JACS	80 (1958)	6121
$C_{19}H_{32}O$	Etiocholanol-3α	-	Sol	Freq	Cole	JACS	74 (1952)	5571
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Spec	Jones	JACS	80 (1958)	6121
$C_{19}H_{32}O$	Etiocholanol-3β	770-3700	Sol	Freq	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Spec	Jones	JACS	80 (1958)	6121
$C_{19}H_{32}O$	Etiocholanol-17β	950-1350	S,Sol	Band freq	Rosenkrantz	AC	28 (1956)	31
		650-1350	Sol	Spec	Jones	JACS	80 (1958)	6121
$C_{19}H_{32}O_2$	Androstanediol-3α, 17α	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{19}H_{32}O_2$	Androstanediol-3α, 17β	2.5-13μ	Sol	Freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Spec	Jones	JACS	80 (1958)	6121
$C_{19}H_{32}O_2$	Androstanediol-3β, 17α	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Spec	Jones	JACS	80 (1958)	6121
$C_{19}H_{32}O_2$	Androstanediol-3β, 17β	-	-	Assign	Jones	JACS	70 (1948)	2024
		2.5-13μ	Sol	Freq, Struct	Rosenkrantz	JACS	75 (1953)	903
		770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Spec	Jones	JACS	80 (1958)	6121

$C_{19}H_{32}O_2$	Androstane-6β, 17β-diol	-	S	Group study	Rosenkrantz	JACS	76 (1954)	5024
		650–1350	Sol	Spec	Jones	JACS	80 (1958)	6121
$C_{19}H_{32}O_2$	Etiocholanediol-3α, 17α	-	-	Assign	Jones	JACS	70 (1948)	2024
		650–1350	Sol	Spec	Jones	JACS	80 (1958)	6121
$C_{19}H_{32}O_2$	Etiocholanediol-3α, 17β	770–3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650–1350	Sol	Spec	Jones	JACS	80 (1958)	6121
$C_{19}H_{32}O_2$	Methyl β-eleostearate	2–16 μ	-	Spec	Woltemate	JACS	72 (1950)	1233
		-	-	Freq	Wendland	AC	26 (1954)	1469
$C_{19}H_{32}O_2$	Methyl linolenate	700–1800	L	Spec, Freq, Anal	Sinclair	JACS	74 (1952)	2578
		-	-	Autooxidation study	Khan	JCP	21 (1953)	952
$C_{19}H_{32}O_2$	Methyl octadec-trans-11-en-9-ynoate	-	L	Freq	Crombie	JCS	- (1955)	1007
$C_{19}H_{32}O_2$	Methyl ximenynate	2.5–15 μ	L	Group freq	Ahlers	JCS	- (1952)	5039
$C_{19}H_{32}O_2$	Testane-3β,17β-diol	-	-	Band freq	Fieser	JACS	75 (1953)	4837
$C_{19}H_{32}O_3$	2-Tert-Butylperoxy-4,6-di-tert-butyl-2-methylcyclohexa-3,5-dienone	5.7–6.2 μ	Sol	Group study	Bickel	JCS	- (1953)	3211
$C_{19}H_{32}O_3$	4-Tert-Butylperoxy-2,6-di-tert-butyl-4-methylcyclohexa-2,5-dienone	5.7–6.2 μ	Sol	Group study	Bickel	JCS	- (1953)	3211
		2–15 μ	-	Spec	Campbell	JACS	74 (1952)	1469
$C_{19}H_{32}O_3$	4-Tert-Butylperoxy-4,6-di-tert-butyl-2-methylcyclohexa-2,5-dienone	5.7–6.2 μ	Sol	Group study	Bickel	JCS	- (1953)	3211
$C_{19}H_{32}O_3$	Methyl α-kamlolenate	700–1000	S	Group freq, Struct	Crombie	JCS	- (1954)	2816
$C_{19}H_{32}O_3$	Methyl β-kamlolenate	700–1000	S	Group freq, Struct	Crombie	JCS	- (1954)	2816
$C_{19}H_{32}O_3$	3β,16α,17β-Trihydroxyandrostane	2.5–15 μ	S	Spec, Freq	Hirschmann	JACS	74 (1952)	5357

$C_{19}H_{32}O_3$	Etiocholane-3α,11β,17β-triol	-	-	Absorption	Herzog	JACS	75 (1953)	269
$C_{19}H_{33}Cl_5O_2$	Methyl pentachlorostearate	2-15μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{19}H_{33}NO_3S$	O-Methylol-N-dodecylbenzenesulfonamide	-	-	Group freq, Struct	Rice	JACS	75 (1953)	4304
$C_{19}H_{33}O_3P$	Tridecyl hydrogen phenylphosphorate	600-5000	L,Sol	Spec	Peppard	JINC	12 (1960)	60
$C_{19}H_{34}D_2O_2$	Methyl oleate-9,10-d_2	2-11μ	-	Spec	Khan	JAOC	28 (1951)	27
		-	-	Anal	Khan	JACS	74 (1952)	3018
$C_{19}H_{34}D_4O_2$	Methyl stearate-9,10-d_4	4-6.5μ	Sol	Spec	Khan	JAOC	28 (1951)	27
$C_{19}H_{34}N_2 \cdot HCl_4$	1-6-n-Butylsparteine perchlorate	-	Sol	Band freq	Leonard	JACS	77 (1955)	1552
$C_{19}H_{34}OSi$	Trimethylsilyldecyl phenyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{19}H_{34}O_2$	Methyl cis-9,trans-11-linoleate	0.9-3μ	Sol	IR, Spec	Holman	AC	28 (1956)	1533
$C_{19}H_{34}O_2$	Methyl trans-9,trans-11-linoleate	900-1000	Sol	Spec, Group freq	Jackson	JAOC	29 (1952)	229
		2.5-15μ	L	Spec	Williamson	JAPC	3 (1953)	301
$C_{19}H_{34}O_2$	Methyl cis-9,trans-12-linoleate	1650-3500	L	Spec	Dugan	JAOC	26 (1949)	681
		900-1000	Sol	Spec, Group freq	Jackson	JAOC	29 (1952)	229
		700-1800	L	Spec, Freq, Anal	Sinclair	JACS	74 (1952)	2578
		-	-	Autooxidation study	Khan	JCP	21 (1953)	952
		900-1000	Sol	Purity	Harrison	JACS	76 (1954)	2379
$C_{19}H_{34}O_2$	Methyl trans-10-cis-12-linoleate	900-1000	Sol	Spec, Group freq	Jackson	JAOC	29 (1952)	229
		-	-	Freq	Wendland	AC	26 (1954)	1469
$C_{19}H_{34}O_2$	Methyl trans-10,trans-12-linoleate	900-1000	Sol	Spec, Group freq	Jackson	JAOC	29 (1952)	229
		-	-	Freq	Wendland	AC	26 (1954)	1469
		0.9-3μ	Sol	Spec	Holman	AC	28 (1956)	1533

$C_{19}H_{34}O_2$	Methyl linolelaidate	900–1000	Sol	Spec, Group freq	Jackson	JAOC	29 (1952)	229
		–	–	Freq	Wendland	AC	26 (1954)	1469
		0.9–3 μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{19}H_{34}O_2$	Methyl octadecadienate	1150–1800	–	Freq, Spec	Barnes	IEC	15 (1943)	659
$C_{19}H_{34}O_3$	Methyl 12-ketoelaidate	2–12 μ	Sol	Substitution effect	McCutchon	JAOC	36 (1959)	450
$C_{19}H_{34}O_3$	Methyl linoleate peroxide	0.9–3 μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{19}H_{36}$	1,1-Dicyclohexyl-heptane	–	–	Band freq	Bomstein	AC	25 (1953)	512
$C_{19}H_{36}O_2$	endo-Cyclopropanona-decanoic acid	–	–	Spec, Band study	Hofmann	JACS	72 (1950)	4328
$C_{19}H_{36}O_2$	Dihydrosterculic acid	2–16 μ	–	Spec, Struct, Freq	Hofmann	JACS	76 (1954)	1799
$C_{19}H_{36}O_2$	2,5-Dimethyl-2-heptadecanoic acid	5.5–16 μ	Sol,L	Spec, Struct	Freeman	JACS	75 (1953)	1859
$C_{19}H_{36}O_2$	Lactobacillic acid	2–16 μ	–	Spec, Struct, Freq	Hofmann	JACS	76 (1954)	1799
$C_{19}H_{36}O_2$	Methyl elaidate	–	Sol	Quant anal	Shreve	AC	22 (1950)	1261
		2–16 μ	L	Spec	Shreve	AC	22 (1950)	1498
		–	Sol	Anal	Swern	JAOC	27 (1950)	17
		1–12 μ	Sol	Spec	Feuge	JAOC	28 (1951)	420
		700–1800	L	Spec, Freq	Sinclair	JACS	74 (1952)	2578
		–	–	Freq	Skellon	JCS	– (1953)	138
		–	–	Anal	Swern	JACS	75 (1953)	3135
		–	–	Freq	Wendland	AC	26 (1954)	1469
		0.9–3 μ	Sol	Spec	Holman	AC	28 (1956)	1533
		2–12	Sol	Substitution effect	McCutchon	JAOC	36 (1959)	450
$C_{19}H_{36}O_2$	trans-DL-9,10-Methylene-octadecanoic acid	2–16 μ	–	Spec, Struct, Freq	Hofmann	JACS	76 (1954)	1799
$C_{19}H_{36}O_2$	trans-DL-11,12-Methyleneocta-decanoic acid	2–16 μ	–	Spec, Struct, Freq	Hofmann	JACS	76 (1954)	1799

$C_{19}H_{36}O_2$	Methyl trans-2-octadecenoate	650-1800	S	Spec, Freq	Sinclair	JACS	74 (1952)	2578
$C_{19}H_{36}O_2$	2-Methyloctadec-2-enoic acid	-	-	Freq	Bailey	JCS	- (1955)	1547
$C_{19}H_{36}O_2$	Methyl oleate	1150-1800	-	Spec, Freq	Barnes	IEC	15 (1943)	659
		-	L	Peanut oil study	Barr	PR	79 (1950)	416
		-	Sol	Anal	Shreve	AC	22 (1950)	1261
		2-16 μ	L	Spec	Shreve	AC	22 (1950)	1498
		-	Sol	Anal	Swern	JAOC	27 (1950)	17
		1-12 μ	Sol	Spec	Feuge	JAOC	28 (1951)	420
		2-15 μ	L	Spec	Knight	JAOC	28 (1951)	188
		700-3400	L	Spec, Freq	Sinclair	JACS	74 (1952)	2578
		-	Sol	Anal	Baker	JCS	- (1955)	2218
$C_{19}H_{36}O_2$	Methyl petroselaidate	-	Sol	Anal	Shreve	AC	22 (1950)	1261
		2-16 μ	Sol	Spec	Shreve	AC	22 (1950)	1498
		-	Sol	Anal	Swern	JAOC	27 (1950)	17
$C_{19}H_{36}O_3$	cis-Methyl 9,10-epoxystearate	2-15 μ	L	Spec	Shreve	AC	23 (1951)	277
$C_{19}H_{36}O_3$	trans-Methyl 9,10-epoxystearate	2-15 μ	L	Spec	Shreve	AC	23 (1951)	277
$C_{19}H_{36}O_3$	Methyl-dl-12-hydroxy-octadec-cis-9-enoate (Synthetic)	-	L	Ident	Crombie	JCS	- (1955)	1740
$C_{19}H_{36}O_3$	Methyl ricinelaidate	2-16 μ	Sol	Spec, Freq	Dupuy	JAOC	35 (1958)	99
$C_{19}H_{36}O_3$	Methyl ricinoleate (natural)	-	L	Ident	Crombie	JCS	- (1955)	1740
$C_{19}H_{36}O_3$	Methyl ricinoleate	2-16 μ	Sol	Spec, Freq	Dupuy	JAOC	35 (1958)	99
$C_{19}H_{36}O_3$	Methyl ricinolate	2-12 μ	Sol	Assign	McCutchon	JAOC	36 (1959)	115
$C_{19}H_{36}O_4$	2-Isobutoxy-6-tetrahydropyranol caprate	-	-	Band study	Smith	JACS	74 (1952)	2018

$C_{19}H_{36}O_4$	Methyl oleate hydroperoxide	2.9μ 2-15μ	Sol L	O.D. at 2.9 Spec, Anal	Honn Shreve	JACS AC	71 (1949) 23 (1951)	812 282
$C_{19}H_{36}O_5$	Ozonized methyl oleate	2.9μ	Sol	Ozonization study	Izumi	KKZ	60 (1957)	943
$C_{19}H_{36}Si$	Methyltricyclohexyl-Silane	3-12μ	Sol	Spec	Kanazashi	BCSJ	27 (1954)	441
$C_{19}H_{37}NO$	Octadecyl isocyanate	- 4-7.5μ	Sol S	Freq, I Freq, Assign	Davison Barr	JCS JCS	- (1953) - (1956)	3712 3428
$C_{19}H_{37}NO_2$	1-Methyl-1-azacyclononadecan-10-ol-11-one	-	Sol	Freq	Leonard	JACS	76 (1954)	5708
$C_{19}H_{38}$	7-Cyclohexyltridecane	1.1-1.25μ	L	Anal	Evans	AC	23 (1951)	1604
$C_{19}H_{38}$	1-Cyclopentyl-2-hexyloctane	12.6-14.7μ	L	Struct, Anal	Francis	AC	25 (1953)	1466
$C_{19}H_{38}N_2O_3$	Urea-oleic acid complex	-	-	Freq, Struct	Scorocco	AAN	24 (1958)	435
$C_{19}H_{38}O_2$	15-Ethylheptadecanoic acid	7-15μ	Sol	Spec, Band freq	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	2-Methyloctadecanoic acid	7-15μ 6.5-8.5μ	Sol L	Spec, Band freq Ident	Freeman Guertin	JACS AC	74 (1952) 28 (1956)	2523 1194
$C_{19}H_{38}O_2$	3-Methyloctadecanoic acid	7-15μ 6.5-8.5μ	Sol L	Spec, Band freq Ident	Freeman Guertin	JACS AC	74 (1952) 28 (1956)	2523 1194
$C_{19}H_{38}O_2$	4-Methyloctadecanoic acid	7-15μ 6.5-8.5μ	Sol L	Spec, Band freq Ident	Freeman Guertin	JACS AC	74 (1952) 28 (1956)	2523 1194
$C_{19}H_{38}O_2$	5-Methyloctadecanoic acid	7-15μ 6.5-8.5μ	Sol L	Spec, Band freq Ident	Freeman Guertin	JACS AC	74 (1952) 28 (1956)	2523 1194
$C_{19}H_{38}O_2$	6-Methyloctadecanoic acid	7-15μ	Sol	Spec, Band freq	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	7-Methyloctadecanoic acid	7-15μ	Sol	Spec, Band freq	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	8-Methyloctadecanoic acid	7-15μ	Sol	Spec, Band freq	Freeman	JACS	74 (1952)	2523

$C_{19}H_{38}O_2$	9-Methyloctadecanoic acid	2-16	Sol	Band freq, Struct	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	10-Methyloctadecanoic acid	2-16	Sol	Band freq, Struct	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	11-Methyloctadecanoic acid	2-16	Sol	Band freq, Struct	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	12-Methyloctadecanoic acid	2-16	Sol	Band freq, Struct	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	13-Methyloctadecanoic acid	2-16	Sol	Band freq, Struct	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	14-Methyloctadecanoic acid	2-16	Sol	Band freq, Struct	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	15-Methyloctadecanoic acid	7-15	Sol	Spec, Band freq	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	16-Methyloctadecanoic acid	7-15	Sol	Spec, Band freq	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	17-Methyloctadecanoic acid	7-15	Sol	Spec, Band freq	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_2$	Methyl stearate	-	Sol	Anal	Shreve	AC	22 (1950)	1261
		2-16	Sol	Spec	Shreve	AC	22 (1950)	1498
		1-12	Sol	Spec	Swern	JAOC	27 (1950)	17
		1-12	Sol	Spec, Ext. coefficient	Feuge	JAOC	28 (1951)	420
		-	-	Absorption	O'Connor	JAOC	28 (1951)	154
		700-3500	S,Sol	Spec, Freq	Khan	JACS	74 (1952)	3018
		-	Sol	Anal	Sinclair	JACS	74 (1952)	2570
		710-730	S	Band study	Chapman	JCS	- (1957)	4489
$C_{19}H_{38}O_2$	n-Nonadecanoic acid	700-3500	S,Sol	Spec, Freq	Sinclair	JACS	74 (1952)	2570
		720	S	Band study	Chapman	JCS	- (1957)	4489
		2-15	S	Spec, Anal	Meiklejohn	AC	29 (1957)	329
$C_{19}H_{38}O_2$	2,3,4-Trimethylhexadecanoic acid	7-15	Sol	Spec, Freq	Freeman	JACS	74 (1952)	2523
$C_{19}H_{38}O_3$	Methyl 10-hydroxy stearate	2-12	Sol	Spec	O'Connor	JOC	18 (1953)	693

$C_{19}H_{38}O_3$	Methyl 12-hydroxy-stearate	2-12 μ	Sol	Spec, H bond	O'Connor	JOC	18 (1953)	693
		-	-	Band freq	Rodell	JACS	76 (1954)	4188
		0.9-3 μ	Sol	Spec	Holman	AC	28 (1956)	1533
		2-16 μ	Sol	Spec, Freq	Dupuy	JAOC	35 (1958)	99
$C_{19}H_{38}O_4$	Methyl cis-9,10-dihydroxystearate	2.7-3.5 μ	S,Sol	Spec, H bond	Davies	JCP	8 (1940)	577
$C_{19}H_{38}O_4$	Methyl trans-9,10-dihydroxystearate	2.7-3.5 μ	S,Sol	Spec, H bond	Davies	JCP	8 (1940)	577
$C_{19}H_{38}O_4$	1-Monopalmitin	650-3500	S	Spec, Struct	Chapman	JCS	- (1956)	55
$C_{19}H_{38}O_4$	2-Monopalmitin	650-3500	S	Spec, Struct	Chapman	JCS	- (1956)	55
$C_{19}H_{39}NO_2$	Dicyclohexylamine 1,7-heptanediol adduct	1000-3750	S	H bond	Nakagawa	BCSJ	33 (1960)	433
$C_{19}H_{40}$	7-n-Hexyltridecane	6.5-14 μ	Sol	Spec	Thompson	PRS	184 (1945)	3
$C_{19}H_{40}$	Pristane	1500-600	L	Ident	Pliva	ACS	4 (1950)	846
$C_{19}H_{40}N_2O_3$	Urea-stearic acid complex	-	-	Freq, Struct	Scorocco	AAN	24 (1958)	435
$C_{19}H_{40}N_2O_3$	Urea-cetyl acetate complex	-	-	Freq, Struct	Scorocco	AAN	24 (1958)	435
$C_{19}H_{40}Si$	Allyl-n-hexadecyl-silane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{19}H_{40}Si$	Cyclopentamethylene-diheptylsilane	2-35 μ	L	Assign	Oshesky	JACS	79 (1957)	2057
$C_{19}H_{42}N_2O$	Urea-n-octadecane complex	-	-	Freq, Struct	Scorocco	AAN	24 (1958)	435
$C_{19}H_{50}O_{11}Si$	Pentamethylheptaethoxy pentasiloxane	600-3500	L	Spec	Okawara	BCSJ	31 (1958)	154

C_{20} COMPOUNDS

$C_{20}H_{10}$	1,8-Diphenyl-1,3,5,7-Octatetrayne	-	Sol	Group freq, I	Armitagl	JCS	- (1954)	147
$C_{20}H_{10}Br_4O_4$	3,3-Bis(3',5'-dibromo-4'-hydroxyphenyl)phthalide	330-2000	S	Freq	Jakobsen	APS	14 (1960)	61
$C_{20}H_{10}O_2$	Perylene-3,10-quinone	763-1650	S	Table, Group freq	Brown	JCS	- (1954)	1280
$C_{20}H_{10}O_3$	Dinaphtho[2,1,1',2']furan-5,6-dione	-	-	Group study	Brumstrom	JACS	77 (1955)	2463
$C_{20}H_{10}O_3$	1-Hydroxyperylene-3,10-quinone	763-3322	S	Table	Brown	JCS	- (1954)	1280
$C_{20}H_{10}O_4$	2,11-Dihydroxyperylene-3,10-quinone	731-3279	S	Table	Brown	JCS	- (1954)	1280
$C_{20}H_{12}$	1,2-Benzpyrene	630-2010	S	Spec	Cannon	SA	4 (1951)	373
$C_{20}H_{12}$	3,4-Benzpyrene	630-2030	S	Spec	Cannon	SA	4 (1951)	373
$C_{20}H_{12}$	Perylene	640-2010	S	Spec	Cannon	SA	4 (1951)	373
$C_{20}H_{12}O_2$	1-Phenylanthraquinone	-	-	H bond, Spec	Shigorin	DANS	132 (1960)	1372
$C_{20}H_{12}O_3$	3,5-Diphenylphthalic anhydride	-	-	Ident	Cope	JACS	76 (1954)	6156
$C_{20}H_{12}O_3$	2-Phenyl-1-fluorenone carboxylic acid	5.5-6.5μ	Sol	Band freq, Ident	Sawicki	AC	31 (1959)	523
$C_{20}H_{12}O_4$	4-(2-Carboxyphenyl)-5,6-benzocoumarin	-	-	Ident	Brumstrom	JACS	77 (1955)	2463
$C_{20}H_{12}O_4$	Pechmann dye	2-15.5μ	S	Spec, Struct, Band freq	Kbilgsberg	CR	54 (1954)	59

$C_{20}H_{12}O_5$	Fluorescein	1000-1800	S	Spec, Struct, Band, Freq	Davies	JPR	15 (1954)	305
		-	-	Struct	Davies	JCS	- (1954)	120
$C_{20}H_{12}O_8$	2,5-Dihydroxy-3,6-bis-(m-Carboxyphenyl)-1,4-benzoquinone	5-15 μ	S	Spec, Struct	Edwards	JAPC	10 (1960)	246
$C_{20}H_{12}O_8$	2,5-Dihydroxy-3,6-bis-(o-Carboxyphenyl)-1,4-benzoquinone	5-15 μ	S	Spec, Struct	Edwards	JAPC	10 (1960)	246
$C_{20}H_{12}O_8$	2,5-Dihydroxy-3,6-bis-(p-Carboxyphenyl)-1,4-benzoquinone	5-15 μ	S	Spec, Struct	Edwards	JAPC	10 (1960)	246
$C_{20}H_{13}Br$	1-Bromotriptycene	2-12 μ	Sol	Spec, Struct	Bartlett	JACS	76 (1954)	1088
$C_{20}H_{13}ClN_2O_2$	4-Benzamido-6-chloro-2-phenylbenzoxazole	-	-	Group freq	Adams	JACS	76 (1954)	2763
$C_{20}H_{13}ClN_2O_2$	4-Chloro-o-quinone-dibenzimide	-	-	Group freq	Adams	JACS	76 (1954)	2763
$C_{20}H_{13}ClO_2$	3-(4'-Chlorophenyl)-3-phenylphthalide	330-2000	S	Freq	Jakobsen	APS	14 (1960)	61
$C_{20}H_{13}I$	1-Iodotriptycene	2-12 μ	Sol	Spec, Struct	Bartlett	JACS	76 (1954)	1088
$C_{20}H_{13}IN_2O_8$	Iodosobenzene di-(p-nitrobenoate)	665-1755	S,Sol	Assign	Bell	JCS	- (1960)	1209
$C_{20}H_{13}N$	3,4,5,6-Dibenzocarbazole	650-3600	S,Sol	Spec	Booth	JCS	- (1954)	598
$C_{20}H_{13}N_3O_6$	Anthracene-sym-trinitrobenzene	3-12 μ	S	Spec, Freq assign	Kross	SA	8 (1956)	142
$C_{20}H_{13}N_3O_6$	Phenanthrene 1,3,5-trinitrobenzene	-	-	Ident	Entel	JACS	77 (1955)	611
$C_{20}H_{14}$	9-Benzylidenefluorene	700-1400	Sol	Spec	Scherf	CJC	38 (1960)	697
$C_{20}H_{14}$	1,1'-Binaphthyl	2-12 μ	Sol	Spec, Struct	O'Connor	JACS	76 (1954)	2368

$C_{20}H_{14}$	2,2'-Binaphthyl	2-12 μ	Sol	Spec, Struct	O'Connor	JACS	76 (1954)	2368
$C_{20}H_{14}$	Triptycene	2-12 μ	Sol	Spec, Struct	Bartlett	JACS	76 (1954)	1088
$C_{20}H_{14}Cl_2N_2O_2$	2,6-Dichloro-p-phenylene-dibenzamide	-	-	Spec	Adams	JACS	74 (1952)	3029
$C_{20}H_{14}Cl_2N_2O_2$	4,6-Dichloro-o-phenylene-dibenzamide	-	-	Ident	Adams	JACS	76 (1954)	2763
$C_{20}H_{14}N_2$	α,β'-Azonaphthalene	600-1700	S	Spec, Freq	Le Feure	AJC	10 (1957)	26
$C_{20}H_{14}N_2$	α-1,2-Di-2'-quinolyl-ethylene	-	-	Ident	Hammick	JCS	- (1955)	2436
$C_{20}H_{14}N_2$	β-1,2-Di-2'-quinolyl-ethylene	-	-	Ident	Hammick	JCS	- (1955)	2436
$C_{20}H_{14}N_2O$	Deoxyquinaldoin	1625-5000	S	Band freq, H bond	Gill	N	183 (1959)	248
$C_{20}H_{14}N_2O_2$	1,2-Di-2'-quinolyl-ethene-1,2-diol	1625-5000	S	Band freq, H bond	Gill	N	183 (1959)	248
$C_{20}H_{14}N_2O_2$	1,2-Di-3'-isoquinolyl ethene-1,2-diol	1625-5000	S	Band freq, H bond	Gill	N	183 (1959)	248
$C_{20}H_{14}N_2O_2$	O-Quinonedibenzimide	-	-	Group freq	Adams	JACS	76 (1954)	2763
$C_{20}H_{14}N_4$	Porphin	400-4000	S	Spec, H bond	Mason	JCS	- (1958)	976
		700-3700	S	Spec, Band freq	Rimington	SA	12 (1958)	65
$C_{20}H_{14}N_4$	Tioporphin	400-4000	S	Spec, H bond	Mason	JCS	- (1958)	976
$C_{20}H_{14}N_6O_{12}$	Bis-(2,4-Dimethyl-3,5-dinitrobenzoyl)furoxan	-	S	Group freq, I	Boyer	JACS	77 (1955)	4238
$C_{20}H_{14}O$	1-Hydroxytriptycene	2-12 μ	Sol	Spec, Struct	Bartlett	JACS	76 (1954)	1088
$C_{20}H_{14}O_2$	5,6-Dimethyl-1,2-benzanthra-9,10-quinone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{20}H_{14}O_2$	6,7-Dimethyl-1,2-benzanthra-9,10-quinone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526

$C_{20}H_{14}O_2$	Di-β-naphthol	2-12μ	Sol	Spec, Struct	O'Connor	JACS	76 (1954)	2368
$C_{20}H_{14}O_2$	Cis-Di(1-naphthyl) diol	3μ	-	H bond	Moriconi	JOC	22 (1957)	1651
$C_{20}H_{14}O_2$	trans-Di(1-naphthyl) diol	3μ	-	H bond	Moriconi	JOC	22 (1957)	1651
$C_{20}H_{14}O_2$	3,3-Bis(phenyl)phthalide	330-2000	S	Freq	Jakobsen	APS	14 (1960)	61
$C_{20}H_{14}O_2S_2$	Diphenyl dithiophthalate	2.5-16μ	Sol	Struct, Freq	Nyquist	SA	- (1959)	514
$C_{20}H_{14}O_4$	3,5-Diphenylphthalic acid	-	-	Ident	Cope	JACS	76 (1954)	6165
$C_{20}H_{14}O_4$	Phenolphthalein	1000-1800	S	Spec, Group freq, Struct	Davies	JCS	- (1954)	120
		-	-	Struct	Davies	JPR	15 (1954)	305
		1154-1740	-	Freq, Shear	Larsen	JPC	62 (1958)	119
		330-2000	S	Freq	Jakobsen	APS	14 (1960)	61
$C_{20}H_{15}D$	9-Benzylfluorene-9-d_1	700-1400	Sol	Spec	Scherf	CJC	38 (1960)	697
$C_{20}H_{15}Cl$	Chlorotriphenylethene	-	Sol	Band freq	Pinchas	JCS	- (1954)	863
$C_{20}H_{15}ClO$	Triphenylacetyl chloride	-	Sol	Group freq, I	Pinchas	JCS	- (1954)	863
$C_{20}H_{15}IO_4$	Iodosobenzene dibenzoate	665-1755	S,Sol	Assign, I	Bell	JCS	- (1960)	1209
$C_{20}H_{15}N$	β,β'-Dinaphthylamine	6500-6800	Sol	Spec, Band freq	Wulf	JACS	57 (1935)	1464
		-	Sol	Band freq, Ext. Coefficient	Russell	JCS	- (1955)	483
$C_{20}H_{15}NO$	3,3-Diphenyloxindole	-	-	Group freq	Hassall	JCS	- (1953)	1059
$C_{20}H_{15}NO_3$	N-Benzoyl-N-benzoyloxy-aniline	-	S	Freq	Freeman	JACS	80 (1958)	5954
$C_{20}H_{15}NO_3$	2-Nitro-1-naphtholnaph-thalene	630-900	S,Sol	Correlation rule	Cencely	SA	7 (1955)	274
$C_{20}H_{15}NO_4$	Desyl-p-nitriphenylehter	800-4000	S	Spec	Curtin	JACS	76 (1954)	494
$C_{20}H_{15}NO_4S$	9-(6-Nitro-9-methyl-fluorenyl)phenyl sulfone	1100-1400	S	Spec, Freq	Bavin	SA	16 (1960)	1312

$C_{20}H_{15}NO_6$	Desdimethylamino-terrarubein	-	S	Group freq	Hochstein	JACS	75	(1953)	5455
$C_{20}H_{15}NO_8$	Terrinolide	-	S	Group freq	Hochstein	JACS	75	(1953)	5455
$C_{20}H_{15}N_3O$	α-Azido-α,α-diphenyl-acetophenone	-	-	Group freq	Boyer	JACS	75	(1953)	1642
$C_{20}H_{15}N_5O_2$	3,3'-Imino-bis(4-benzylidene-5-pyrazolone)	400-4000	-	Wave Number	Gagnon	CJC	37	(1959)	110
$C_{20}H_{15}N_5O_4$	2-Acetylcarbazole-2,4-dinitrophenylhydrazone	10.01-13.73 μ	S	Band freq, Ident	Acheson	JCS	-	(1953)	1900
$C_{20}H_{15}N_5O_4$	3-Acetylcarbazole-2,4-dinitrophenylhydrazone	10.83-13.76 μ	S	Band freq, Ident	Acheson	JCS	-	(1953)	1900
$C_{20}H_{16}$	9-Benzylfluorene	700-1400	Sol	Spec	Schref	CJC	38	(1960)	697
$C_{20}H_{16}$	2',6-Dimethyl-1,2-benzanthracene	670-3150	S	Spec, Band freq	Orr	JCS	-	(1950)	218
$C_{20}H_{16}$	9,10-Dimethyl-1,2-benzanthracene	670-3150	S	Spec, Band freq	Orr	JCS	-	(1950)	218
		650-2000	S	Spec	Cannon	SA	4	(1951)	373
$C_{20}H_{16}$	1,2-Diphenylcycloocta-tetraene	2-16 μ	Sol	Spec	Cope	JACS	74	(1952)	5136
$C_{20}H_{16}$	5-Ethyl-1,2-benzanthra-cene	670-3150	S	Spec, Band freq	Orr	JCS	-	(1950)	218
$C_{20}H_{16}$	1',2',3',4'-Tetrahydro-3,4-benzpyrene	650-2010	S	Spec	Cannon	SA	4	(1951)	373
$C_{20}H_{16}$	Triphenylethene	-	Sol	Band freq	Pinchas	JCS	-	(1954)	863
$C_{20}H_{16}Cl_2N_2O$	m-Chloroanil of-1-(m-(at position 3) chlorophenyl)-4,5,6,7-tetrahydroisatin	900-4000	S	Struct	O'Sullivan	JCS	-	(1959)	876
$C_{20}H_{16}N_2$	N,N'-Dibenzylidene-4-phenylenediamine	-	Sol	Freq	Clougherty	JOC	22	(1957)	462

$C_{20}H_{16}N_2O_2$	N,N'-Disalicylidene-o-phenylenediamine	-	Sol,L	H bond, Freq	Reeves	CJC	38 (1960)	1249
$C_{20}H_{16}N_2O_4S$	2-Phenyl-α-(5-phenyl-2,4-diketo-3-oxazolidyl-2-thiazolidene acetic acid β-lactam	2-11 μ	Sol	Spec	Sheehan	JACS	73 (1951)	4752
$C_{20}H_{16}N_2O_6S$	2-Phenyl-α-(5-phenyl-2,4-diketo-3-oxazolidyl)-2-thiazolidene acetic acid sulfone β-lactam	2-11 μ	S	Spec, Struct	Sheehan	JACS	73 (1951)	4752
$C_{20}H_{16}N_4$	Chlorin	400-4000	S	Spec, H bond	Mason	JCS	- (1958)	976
$C_{20}H_{16}O$	2-(1-Naphthyl)-3-methyl-indone	-	-	Spec	Bergmann	BSCF	- (1959)	634
$C_{20}H_{16}O$	α-Phenyldesoxybenzoin	-	-	Group freq	House	JACS	76 (1954)	1235
$C_{20}H_{16}O_2$	Phenyl-(2-biphenyl)-glyoxal	2-12 μ	Sol	Spec, Band freq	Weisenborn	JACS	74 (1952)	1329
$C_{20}H_{16}O_2$	Triphenylacetic acid	- -	Sol -	Freq Reference	Goulden Brook	SA JACS	6 (1954) 77 (1955)	129 2322
$C_{20}H_{16}O_2S$	9-Fluorenyl benzyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{20}H_{16}O_2S$	9-Fluorenyl p-tolyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{20}H_{16}O_2S$	9-(9-Methylfluorenyl)-phenyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{20}H_{16}O_4$	2,5-Dihydroxy-3,6-di-(p-tolyl)-1,4-benzoquinone	5-15 μ	S	Spec, Struct	Edwards	JAPC	10 (1960)	246
$C_{20}H_{16}O_4S_2$	6,6'-Diethoxythioindigo	5.8-6.1 μ	Sol	H bond	Weinstein	JACS	78 (1956)	2387
$C_{20}H_{16}O_5$	Ethyl fulvinate	650-3800	-	Spec	Frank	JACS	72 (1950)	1824

$C_{20}H_{16}O_6$	2,5-Dihydroxy-3,6-di-(p-methoxyphenyl)-1,4-benzoquinone	5-15 μ	S	Spec, Struct	Edwards	JAPC	10 (1960)	246
$C_{20}H_{16}O_6$	Savinin	2-12.5 μ	Sol	Spec	Hartwell	JACS	75 (1953)	235
		2-15.5 μ	Sol	Spec, Struct, Group Freq	Shrecker	JACS	76 (1954)	4896
		-	Sol	Ident	Masumura	JACS	77 (1955)	1906
		700-1500	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{20}H_{16}O_8$	Dimethyl dibenzoyl-oxyfumarate	5.75-9.42 μ	Sol	Group freq, I	Goodwin	JACS	76 (1954)	5599
$C_{20}H_{16}Si$	Di-1-naphthylsilane	2-13 μ	Sol	Spec	West	JOC	18 (1953)	303
$C_{20}H_{16}Si$	Diphenylethynyl-silane	2-16 μ	-	Group freq	Kniseley	SA	15 (1959)	651
$C_{20}H_{17}BrN_4O$	1-p-Bromophenyl-3-p-methoxyphenyl-5-phenyl-formazan	680-1600	S	Spec, Freq, Assign	Le Fevre	AJC	9 (1956)	151
$C_{20}H_{17}Cl$	2-Chloro-1,1,1-triphenyl-ethane	-	Sol	Group freq, I	Pinchas	JCS	- (1954)	863
$C_{20}H_{17}ClN_4O$	1-p-Chlorophenyl-3-p-methoxyphenyl-5-phenyl-formazan	680-1600	S	Spec, Freq, Assign	Le Fevre	AJC	9 (1956)	151
$C_{20}H_{17}Cl_2NO$	1-Methyl-3,5-di(O-chlorobenzylidene-4-piperidone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{20}H_{17}Cl_2NO$	1-Methyl-3,5-di-(p-chlorobenzylidene)-4-piperidone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{20}H_{17}NOS$	10-(p-Methoxybenzyl) phenothiazine	-	-	Ident	Gilman	JOC	19 (1954)	560
$C_{20}H_{17}NO_3S$	1,4,5,8-Tetrahydro-9,10-anthraquinone mono-benzenesulfonimide	-	-	Group study	Adams	JACS	74 (1952)	2605

$C_{20}H_{17}NO_6$	Bicuculline	-	Sol	Group freq	Marion	JACS	73 (1951)	305
		-	Sol	Band freq	Wildman	JACS	77 (1955)	1248
$C_{20}H_{17}NO_8$	Desdimethylaminoapoterramycin	-	S	Group freq	Hochstein	JACS	75 (1953)	5455
$C_{20}H_{17}N_3O_2$	4-Amino-o-phenylenedibenzamide	-	-	Ident	Adams	JACS	76 (1954)	2763
$C_{20}H_{17}N_3O_5$	1-Methyl-3,5-di-(o-nitrobenzylidene)-4-piperidone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{20}H_{17}N_3O_5$	1-Methyl-3,5-di-(p-nitrobenzylidene)-4-piperidone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{20}H_{17}N_3O_5$	1-Methyl-3,5-di-(m-nitrobenzyl)-4-pyridone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{20}H_{18}$	Diphenyloctatetraene	650-2010	S	Spec	Cannon	SA	4 (1951)	373
$C_{20}H_{18}$	5-Ethyl-7,8-dihydro-1,2-benzanthracene	650-2020	S	Spec	Cannon	SA	4 (1951)	373
$C_{20}H_{18}$	1,1,1-Triphenylethane	-	Sol	Group freq, I	Pinchas	JCS	- (1954)	863
$C_{20}H_{18}$	1,1,2-Triphenylethane	-	Sol	Band freq	Pinchas	JCS	- (1954)	863
$C_{20}H_{18}ClNO_7$	Isodesoxydedimethylaminoaureomycin	-	Sol	Group freq	Stephens	JACS	76 (1954)	3568
$C_{20}H_{18}ClNO_8$	Isodesdimethylaminoaureomycin	-	S	Group freq	Stephens	JACS	76 (1954)	3568
$C_{20}H_{18}ClNO_9$	Desdimethylaminoaureomycinic acid	-	-	Band freq	Waller	JACS	74 (1952)	4979
$C_{20}H_{18}Cl_2N_2O_4S_2$	2,5-Dimethyl-3,6-dichloro-p-phenylene dibenzenesulfonamide	680-3240	S	Group freq	Adams	JACS	74 (1952)	2608

$C_{20}H_{18}INS$	N-α-Methylthiobenzylidene-N,N-diphenylammonium iodide	-	Sol	Group freq	Goulden	JSI	30 (1953)	139
$C_{20}H_{18}NO_4Cl.2H_2O$	Berberine hydrochloride	2-15μ	S	Group freq	Briggs	AC	29 (1957)	904
$C_{20}H_{18}N_2$	N-Methylobyrine	-	Sol	Band freq	Witkop	JACS	75 (1953)	3361
		-	-	Ident	Mac Phillamy	JACS	77 (1955)	4335
$C_{20}H_{18}N_2O$	α-Benzoin phenylhydrazone	6400-7200	Sol	Spec, H bond	Hendricks	JACS	58 (1936)	1991
		650-4000	S	Group study, H bond	Tanner	SA	15 (1959)	20
$C_{20}H_{18}N_2O$	β-Benzoin phenylhydrazone	6400-7200	Sol	Spec, H bond	Hendricks	JACS	58 (1936)	1991
$C_{20}H_{18}N_2O$	1-(2,6-Dimethylbenzyl)-7-hydroxy-9H-pyrid[3,4-b] indole	-	-	Ident	Huebner	JACS	77 (1955)	472
$C_{20}H_{18}N_2O$	7-Methoxy-1-(2-methylbenzyl)-9H-pyrid[3,4b] indole	-	-	Ident	Huebner	JACS	77 (1955)	472
$C_{20}H_{18}N_2O_4$	Bis-(2,4-dimethylbenzoyl) furoxan	-	S	Group freq, I	Boyer	JACS	77 (1955)	4238
$C_{20}H_{18}N_2O_7$	2-(6-p-Nitrobenzylidene-amino-3,4-methylene-dioxybenzyl)-1-hydroxymethylbutyrolactone	-	S	Group freq	Haslam	JCS	- (1955)	827
$C_{20}H_{18}N_4O$	1,5-Diphenyl-3-p-methoxyphenylformazan	680-1600	S	Spec, Freq, Assign	Le Fevre	AJC	9 (1956)	151
$C_{20}H_{18}N_4O$	1-p-Methoxyphenyl-3,5-diphenylformazan	680-1600	S	Spec, Freq, Assign	Le Fevre	AJC	9 (1956)	151
$C_{20}H_{18}O$	2,6-Dibenzylidenecyclohexanone	-	S	Group freq	Leonard	JACS	75 (1953)	2714
		-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{20}H_{18}O$	dl-2,5-Dibenzylidene-3-methylcyclopentanone	-	Sol	Ident	Eisenbraun	JACS	77 (1955)	3383

		-	-	Ident	Mc Elvane	JACS	77 (1955)	1599
$C_{20}H_{18}O$	1-Keto-2-(1'-tetralyl--idene)-1,2,3,4--tetrahydronaphthalene	3.4 μ	-	Spec, Struct	Orchin	JACS	71 (1949)	2743
$C_{20}H_{18}OSi$	Acetyltriphenylsilane	-	Sol	Freq	Brook	JACS	82 (1960)	5102
$C_{20}H_{18}OSi$	Benzoyldiphenylmethyl-silane	-	Sol	Freq	Brook	JACS	82 (1960)	5102
$C_{20}H_{18}O_2$	Dimesitylenoylacety-lene	6.06-14.0 μ	S	Group freq	Kuhn	JACS	72 (1950)	5058
$C_{20}H_{18}O_2$	2-Hydroxy-1-naphthyl mesityl ketone	-	-	Group freq	Fuson	JACS	77 (1955)	3781
$C_{20}H_{18}O_2$	4-Hydroxy-1-naphthyl mesityl ketone	-	-	Group freq	Fuson	JACS	77 (1955)	3781
$C_{20}H_{18}O_2$	5-Isopropylidene-3,4-diphenyl-4-hydroxy-Δ^2-cyclopentenone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{20}H_{18}O_2Si$	Methyl triphenylsilane-carboxylate	-	-	Ident	Brook	JACS	77 (1955)	2322
$C_{20}H_{18}O_3$	l-3-Acetyl-14,15-dehydroequilenin	-	Sol	Group freq	Mc Niven	JACS	76 (1954)	1725
$C_{20}H_{18}O_4$	l-11-Oxoequilenin acetate	-	-	Group freq	Mc Niven	JACS	76 (1954)	1725
$C_{20}H_{18}O_5$	2-Hydroxy-3,4,7,8-dibenzo [3.2.1]bicyclooctadiene -1,6-dicarboxylic-2,6-cis acid dimethyl ester	-	-	Ident	Vaughan	JACS	76 (1954)	4130
$C_{20}H_{18}O_5$	2-Hydroxy-3,4,7,8-dibenzo [3.2.1]bicyclooctadiene -1,6-dicarboxylic-2,6-trans acid dimethyl ester	-	-	Ident	Vaughan	JACS	76 (1954)	4130

$C_{20}H_{18}O_5$	2-Hydroxydibenzo[2.2.2] bicyclooctadiene-2,3-trans-dicarboxylic acid dimethyl ester	-	-	Ident	Vaughan	JACS	76 (1954)	4130
$C_{20}H_{18}O_6$	Asarinin	737-1255	-	Table, I	Crombie	JCS	- (1955)	995
$C_{20}H_{18}O_6$	O^5,O^6-Dimethyljacareubin	-	Sol	Group study	King	JCS	- (1953)	3932
$C_{20}H_{18}O_6$	l-Hinokinin	2-15.5 μ	Sol	Spec, Struct, Group freq	Shrecker	JACS	76 (1954)	4896
		700-1500	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{20}H_{18}O_6$	d-Isohinokinin	2-15.5 μ	Sol	Spec, Struct, Group freq	Shrecker	JACS	76 (1954)	4896
		700-1500	Sol	Group freq	Briggs	AC	29 (1957)	904
$C_{20}H_{18}O_6$	Sesamin	-	-	Band freq	Beroza	JACS	77 (1955)	3332
$C_{20}H_{18}O_7$	Sesamolin	-	-	Band freq	Beroza	JACS	77 (1955)	3332
$C_{20}H_{18}O_8$	Adipoyl dibenzoyl peroxide	-	Sol	Group freq, Table	Davison	JCS	- (1951)	2456
$C_{20}H_{18}O_8$	2-Naphthyldiacetyl-β-d-glucofuronolactone	2-14 μ	S	Spec, Band freq, Assign	Tsou	JACS	74 (1952)	5605
$C_{20}H_{18}S_3$	Triphenyl trithioortho-acetate	691-1300	S	Band freq, Table	Tarbell	JACS	75 (1953)	1668
$C_{20}H_{19}ClNO_3P$	N-Dibenzyl phosphoryl-p-chloroaniline	3-15 μ	L,S	Spec, Group freq	Li	JACS	77 (1955)	3519
$C_{20}H_{19}ClN_2O_2S$	2,5-Dimethyl-3-chloro-p-phenylene dibenzenesulfonamide	690-3240	S	Group freq	Adams	JACS	74 (1952)	2608
$C_{20}H_{19}F_{21}O_{10}$	Heptafluorobutyric acid dioxane	-	-	Freq	Haystschein	JACS	73 (1951)	5139
$C_{20}H_{19}N$	Triphenylethylamine	6450-6800	Sol	Band freq	Liddel	JACS	55 (1933)	3574
$C_{20}H_{19}NO$	1-Methyl-3,5-dibenzylidene-4-piperidone	-	S	Group freq	Leonard	JACS	77 (1955)	1852

$C_{20}H_{19}N$	Triphenylethylamine	6450–6800	Sol	Band freq	Liddel	JACS	55 (1933)	3974
$C_{20}H_{19}NO$	1-Methyl-3,5-dibenzylidene-4-piperidone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{20}H_{19}NO$	1-Methyl-3,5-dibenzyl-4-pyridone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{20}H_{19}NO$	1-(2-Phenylethyl)-4-ethyl-4-phenyl-2,3,5-pyrrolidinetrione	-	-	Spec	Skinner	JACS	72 (1950)	5569
$C_{20}H_{19}NO_5$	Chelidonine	-	Sol	Band freq	Marion	JACS	73 (1951)	305
$C_{20}H_{19}NO_5$	Protopine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
$C_{20}H_{19}NO_6$	4-(3':4'-Methylenedioxy-phenylethyl)-7,8-dimethoxyhomophthalimide	600–3500	S,Sol	Assign, Struct	Bluhm	SA	13 (1958)	93
$C_{20}H_{19}NO_8$	Desdimethylaminodesoxy-terramycin	-	Sol	Group freq	Hochstein	JACS	75 (1953)	5455
$C_{20}H_{19}NO_8$	Isodesoxydesdimethyl--aminoterramycin	-	Sol	Group freq	Hochstein	JACS	75 (1953)	5455
$C_{20}H_{19}NO_9$	Desdimethylamino-terramycin	-	Sol	Group freq	Hochstein	JACS	75 (1953)	5455
$C_{20}H_{19}N_3$	4-N-Methyl-N-benzylamino-azobenzene	600–1700	S	Spec, Freq	Le Fevre	AJC	10 (1957)	26
$C_{20}H_{19}N_3O_3S$	2-Phenyl-α-(N-benzyl-oxalamylamino)-2-thiazolidine acetic acid β-lactam	2-8 μ	Sol	Spec, Band freq	Sheehan	JACS	73 (1951)	4756
$C_{20}H_{19}N_3O_8$	erythro-Ethyl-3-acetyl 2,5-di-p-nitrophenyl-oxazolidine-4-carboxylate	-	-	Group freq	Bergmann	JCS	- (1953)	2564
$C_{20}H_{19}OP$	Dibenzylphenylphosphine oxide	-	-	Group freq	Mann	JCS	- (1954)	2832

$C_{20}H_{20}NO_3P$	Dibenzyl anilino-phosphonate	-	S,Sol	Group freq	Bellamy	JCS	- (1952)	1701
		-	-	Group freq	Bell	JACS	76 (1954)	5185
$C_{20}H_{20}N_4OS_4$	3,3'-Diallyl-5-p-dimethyl-aminophenylimino-4'-oxo-2,2'-dithio-4,5'-dithiazolidinylidene	-	-	Group freq	Mackie	JCS	- (1954)	3919
$C_{20}H_{20}O$	1-Keto-2-(1',2',3',4'-tetrahydro-1'-naphthyl)-1,2,3,4-tetrahydro-naphthalene	3.4μ	-	Spec, Struct, Anal	Orchin	JACS	71 (1949)	2743
$C_{20}H_{20}OSi$	Triphenylsilylmethyl methyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{20}H_{20}OSi$	Phenyl-p-amisyl-o-tolyl-silane	2-16μ	Sol	Group freq	Kniseley	SA	15 (1959)	651
$C_{20}H_{20}O_2$	cis-Dimesitylenoyl-ethylene	6.05-13.35μ	S	Group freq	Kuhn	JACS	72 (1950)	5058
$C_{20}H_{20}O_2$	trans-Dimesitylenoyl-ethylene	6.03-13.9μ	S	Group freq	Kuhn	JACS	72 (1950)	5058
$C_{20}H_{20}O_2$	2,2-Diphenyl-4-oxo-8-methyl-3-oxabicyclo [3.3.0]octane	-	Sol	Group freq	Mc Elvane	JACS	77 (1955)	1599
$C_{20}H_{20}O_2$	β-Duroyl-β-phenylpropionic acid lactone	-	-	Group freq	Fuson	JACS	74 (1952)	1629
$C_{20}H_{20}O_2$	1-Mesityl-5-phenyl-2,4-pentadien-2-ol-1-one	-	Sol	Band freq, I	Fuson	JACS	75 (1953)	5952
$C_{20}H_{20}O_3$	α-Equilenin acetate	-	Sol	Band freq	Scheer	JACS	77 (1955)	3300
$C_{20}H_{20}O_3$	Equilenin acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Spec, I	Jones	JACS	72 (1950)	86
$C_{20}H_{20}O_4$	Diethyl diphenylmaleate	-	Sol	Group freq, Band freq	Goodwin	JACS	75 (1953)	4273
$C_{20}H_{20}O_4$	d-14-Hydroxyequilenin	-	-	Group freq	Mc Niven	JACS	76 (1954)	1725

$C_{20}H_{20}O_4$	d-14 -Hydroxyequilenin -3-acetate	-	-	Group freq	Mc Niven	JACS	76 (1954)	1725
$C_{20}H_{20}O_4$	3-γ-Ketobutyl-3-carbome--thoxy-4-keto-1,2,3,4-tetrahydrophenanthrene	-	Sol	Group freq	Wilds	JOC	17 (1952)	1154
$C_{20}H_{20}O_5$	Galbacin	700-5000	S	Group freq	Briggs	AC	29 (1957)	904
$C_{20}H_{20}O_5$	2-Methyl-3-(3',4'-dimethoxyphenyl)-5,6-dimethoxyindenone	-	Sol	Band freq	Walker	JACS	75 (1953)	3387
$C_{20}H_{20}O_6$	α-Conidendrin	700-3600	S	Spec, Assign	Spearin	JOC	15 (1950)	984
		2-15 μ	S	Spec	White	AC	22 (1950)	768
		-	-	Ident	Swidinsky	JACS	76 (1954)	1148
$C_{20}H_{20}O_6$	β-Conidendrin	700-3600	S	Spec, Assign	Spearin	JOC	15 (1950)	984
		2-15 μ	S	Spec	White	AC	22 (1950)	768
		-	-	Ident	Swidinsky	JACS	76 (1954)	1148
$C_{20}H_{20}O_7$	3,3',4',5,7-Pentamethoxyflavone	1550-4000	S	Group freq	Hergert	JACS	75 (1953)	1622
$C_{20}H_{20}O_8$	Ethyl 2-(3',4',5'-trimethoxybenzoyl) piperonylate	-	Sol	Band freq	Walker	JACS	75 (1953)	3390
$C_{20}H_{20}Si$	Dibenzylphenylsilane	2-16 μ	Sol	Group freq	Kniseley	SA	15 (1959)	651
$C_{20}H_{20}Si$	Diphenyl-β-phenylethylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{20}H_{21}D_3O_3$	$\Delta^{1,3,5:10}$-Estratrienol-3-one-17-acetate-d_3	-	Sol	Group freq	Jones	JACS	74 (1952)	5662
$C_{20}H_{21}IN_2$	Dihydrobyrine methio--dide	-	Sol	Band freq	Witkop	JACS	75 (1953)	4474
$C_{20}H_{21}NO_4$	1-Methyl-4-(3',4'-dimethoxyphenyl)-6,7-dimethoxyisoquinoline	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{20}H_{21}NO_4$	Papaverine	-	Sol	Band freq	Marion	JACS	73 (1951)	305
		-	S	Band freq	Wildman	JACS	77 (1955)	1248

$C_{20}H_{21}NO_5$	3,4-Dihydropapaveraldine	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{20}H_{21}N_3O_3S$	4-(2-Cyano-2-propoxy)-N-(2-cyano-2-propyl)-N-benzenesulfonanilide	-	-	Group freq	Gingrass	JCS	- (1954)	1920
$C_{20}H_{22}N_2$	N-Methyltetrahydropyrine	-	Sol	Band freq	Witkop	JACS	75 (1953)	4474
$C_{20}H_{22}N_2O_2$	Akuammicine	-	S	Component of mixture	Robinson	JCS	- (1954)	3522
		-	-	Group freq	Robinson	JCS	- (1955)	2049
$C_{20}H_{22}N_2O_2$	Gelsemine	-	-	Struct	Kotes	JACS	72 (1950)	2308
		-	Sol	Group freq	Marion	JACS	73 (1951)	305
		-	-	Ident	Schwarz	JACS	75 (1953)	4372
$C_{20}H_{22}N_4OS_2$	5-[4-(β-Phenylthioureido) butyl]-3-phenyl-2-thiohydantoin	2.5-15μ	S,L	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{20}H_{22}N_4O_2S_2$	5-[3-Hydroxy-4-(β-phenylthioureido) butyl]-3-phenyl-2-thiohydantoin	2.5-15μ	S	Spec, Ident	Ramachandran	AC	27 (1955)	1734
$C_{20}H_{22}O$	Duryl o-isopropenylphenyl ketone	-	-	Ident, Group freq	Fuson	JACS	77 (1955)	2503
$C_{20}H_{22}OS$	2,3-Diphenyl-1-oxa-4-thiaspiro[4.5] decane	-	-	Ident	Djerassi	JACS	77 (1955)	568
$C_{20}H_{22}O_2$	1-Methylisoequilenin methyl ether	-	S	Ident	Dreiding	JACS	75 (1953)	3162
$C_{20}H_{22}O_3$	β-Duroyl-β-phenylpropionic acid	-	Sol	Group freq	Fuson	JACS	74 (1952)	1629
$C_{20}H_{22}O_3$	$\Delta^{1,3,5:10,7}$-Estratetraenol-3-one-17-acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{20}H_{22}O_3$	Ethyl p-duroyl benzoate	-	-	Ident	Fuson	JACS	77 (1955)	3776
$C_{20}H_{22}O_4$	1,3-Bis(4-pentenoylacetyl)-benzene	1500-3500	S	Freq, Assign, Struct	Martin	JACS	80 (1958)	4891

20 22 4	acetyl)-benzene							
$C_{20}H_{22}O_4$	4-(m-Carboxyphenyl)-3-(p-methoxyphenyl)-2-hexanone	-	-	Ident	Burekhalte	JACS	76 (1954)	4112
$C_{20}H_{22}O_5$	Cis-2-Methyl-3-(3',4'-dimethoxyphenyl)-5,6-dimethoxy-1-indanone	-	Sol	Band freq	Walker	JACS	75 (1953)	3387
$C_{20}H_{22}O_5$	trans-2-Methyl-3-(3',4'-dimethoxyphenyl)-5,6-dimethoxy-1-indanone	-	Sol	Band freq	Walker	JACS	75 (1953)	3387
$C_{20}H_{22}O_7$	Diethylene glycol bis (tolyl carbonate)	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{20}H_{22}O_7$	3,3',4',5,7-Pentamethoxy-flavanone	1550-4000	S	Group freq	Hergert	JACS	75 (1953)	1622
$C_{20}H_{23}D_3O_2$	$\Delta^{5,7,9}$-Estratrienol-17β-acetate-d_3	-	Sol	Group freq	Jones	JACS	74 (1952)	5662
$C_{20}H_{23}NO_3$	n-Propyl-p-(anisylamino)-α-methyl cinnamate	2-12 μ	L	Spec	Taschek	JCP	6 (1938)	542
$C_{20}H_{23}NO_5$	Trimethylcolchicinic acid methyl ether	-	S	Band freq	Raffauf	JACS	75 (1953)	5292
$C_{20}H_{23}NO_5$	Isotrimethylcolchicinic acid methyl ehter	-	S	Band freq	Raffauf	JACS	75 (1953)	5292
$C_{20}H_{24}$	Cycloeicosa-1,3,11,13-tetrayne	3-15 μ	S	Spec	Wolousky	JACS	81 (1959)	4600
$C_{20}H_{24}$	Cis-1,2-Diphenyl-cyclooctane	2-16 μ	Sol	Spec	Cope	JACS	74 (1952)	5136
$C_{20}H_{24}$	trans-1,2-Diphenyl-cyclooctane	2-16 μ	Sol	Spec	Cope	JACS	74 (1952)	5136
$C_{20}H_{24}$	Cis-1,3-Diphenyl-cyclooctane	-	-	Ident	Cope	JACS	76 (1954)	2757

$C_{20}H_{24}$	2,4,6,2',4',6'-Hexamethylstilbene	5-15 μ	S	Spec, Band freq	Thompson	JCS	- (1950)	214
$C_{20}H_{24}$	2,4,6,2',4',6'-Hexamethyl-trans-stilbene	960	Sol	Group study	Orr	SA	8 (1956)	218
$C_{20}H_{24}$	p,p'-Tetramethylene-1,4-diphenylbutane	2-12 μ	Sol	Band freq	Cram	JACS	76 (1954)	726
$C_{20}H_{24}$	1,3,3,6-Tetramethyl-1-p-tolylindan	7.5-14 μ	Sol	Spec	Ipatieff	JACS	70 (1948)	2123
$C_{20}H_{24}Br_8O_2$	Octabromoarachidonic acid	700-1800	S	Spec, Band freq	Sinclair	JACS	74 (1952)	2578
$C_{20}H_{24}N_2$	2,4,6,8-Decatetraenal-azine	1400-2000	S	Spec	Blout	JACS	70 (1948)	194
$C_{20}H_{24}N_2O_2$	Akuammigol(+1/3 molec. chloroform)	-	S	Band freq, Group freq	Robinson	JCS	- (1954)	3479
$C_{20}H_{24}N_2O_2$	Bis-(n-Benzyl)adipamide	700-1700	S	Spec	Stafford	AC	21 (1949)	1454
$C_{20}H_{24}N_2O_2$	1-[(1-Hydroxy-2-methyl-cyclohexyl)-methyl]-7-methoxy-9H-pyrid[3,4b] indole	-	-	Group study	Huebner	JACS	77 (1955)	472
$C_{20}H_{24}N_2O_2$	Quinine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
$C_{20}H_{24}N_2O_2$	Reserpone	-	S	Group freq	Huebner	JACS	77 (1955)	472
$C_{20}H_{24}N_2O_2$	Tetrahydroalstonol	1490-3670	S	Spec, Struct, Band freq	Elderfield	JOC	16 (1951)	506
$C_{20}H_{24}N_2O_2$	py-Tetrahydroserpentinol	-	S	Group freq, Struct	Klohs	JACS	76 (1954)	1332
$C_{20}H_{24}N_2O_6S$	Methyl 5-phenyl(2-carbo-methoxyethyl) penicillinate	2-11 μ 2-11 μ	Sol Sol	Spec Spec, Band freq, Struct	Sheehan Sheehan	JACS JACS	72 (1950) 73 (1951)	3828 4376
$C_{20}H_{24}N_2O_7$	2,4-Dinitro-17β-acetoxy-estradiol	600-4000	S	Spec, Assign, H bond	Pickering	JACS	80 (1958)	680

$C_{20}H_{24}N_4O_4$	2,2'-Dinitro-4,4'(hexamethylenediimino) bibenzyl	-	-	Ident	Fuson	JACS	75 (1953)	5744
$C_{20}H_{24}N_4O_7$	Dihydropicrotoxinide-2,4-dinitrophenylhydrazone	2-13 μ	Sol	Spec, Band freq	Conroy	JACS	74 (1952)	491
$C_{20}H_{24}N_6O_5$	6-Dimethylamino-9-(3'-Carbobenzoxyamino-3'-deoxy-β-D-ribofuranosyl)-purine	-	S	Group freq	Baker	JACS	77 (1955)	15
$C_{20}H_{24}N_6O_5$	6-Dimethylamino-9-(3'-vanillylideneamino-3'-deoxy-α-d-ribofuranosyl) purine	-	-	Group freq	Baker	JACS	77 (1955)	2396
$C_{20}H_{24}O$	β,β-Dimesitylvinyl alcohal	-	-	Group study	Fuson	JACS	68 (1946)	389
		2.7-2.9 μ	Sol	Spec	Buswell	JACS	69 (1947)	770
$C_{20}H_{24}O_2$	p,p'-Bibenzyl-1,6-n-hexane cyclodiether	-	-	Group freq	Fuson	JACS	75 (1953)	1325
$C_{20}H_{24}O_2$	dl-$\Delta^{9,(11),16}$-Bisdehydro-20-norprogesterone	2-12 μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{20}H_{24}O_2$	1-Carboxy-1,12-dimethyl-10-hydroxy-7-isopropyl-1,2,3,4,11,12-hexahydrophenanthrene lactone	-	-	Band freq	Parham	JACS	77 (1955)	1166
$C_{20}H_{24}O_2$	17-Ethynyl-1,3,5(10)-estratriene-3,17α-diol	2-12 μ	S,Sol	Spec	Pheasant	JACS	72 (1950)	4303
		2-15 μ	Sol	Spec	Tarpley	AC	24 (1952)	315
		2.5-3.5 μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
$C_{20}H_{24}O_2$	dl-3-keto-15-formyl-$\Delta^{4,9(11),15}$ androstatriene	2-12 μ	S	Spec	Woodward	JACS	74 (1952)	4223

$C_{20}H_{24}O_3$	$\Delta^{1,3,5(10)}$-Estratrien-3--ol-17-one acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Spec, Band freq, I	Jones	JACS	72 (1950)	86
		-	Sol	Group freq, I	Jones	JACS	74 (1952)	80
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		-	Sol	Group freq	Jones	JACS	74 (1952)	5662
		-	Sol	Band freq	Scheer	JACS	77 (1955)	3300
		700-1400	Sol	Band freq, Ident	Jones	JACS	78 (1956)	1152
$C_{20}H_{24}O_3$	Methyl-3-hydroxy-1,3,5(10),6-estratetraene-17β-carboxylate	-	Sol	Band freq	Sandova	JACS	77 (1955)	148
$C_{20}H_{24}O_4$	3-Acetoxy-13-hydroxy-13:17-seco-$\Delta^{1,3,5(10)}$-estratrien--17-oic acid lactone	1000-1900	Sol	Spec, Group freq	Jones	JACS	81 (1959)	5242
$C_{20}H_{24}O_4$	Estrololactone acetate	-	S	Group freq, Ident	Fried	JACS	75 (1953)	5764
		700-4000	S	Spec, Freq, H bond	Gual	SA	13 (1958)	248
$C_{20}H_{24}O_4$	Estrololactone acetate-3	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{20}H_{24}O_6$	α-Methyl-β,β-di-(3,4-dimethoxyphenyl) propionic acid	-	Sol	Band freq	Walker	JACS	75 (1953)	3387
$C_{20}H_{24}O_6$	Methyl gibberellate	-	Sol,S	Group freq	Cross	JCS	- (1954)	4670
$C_{20}H_{24}O_8$	1-Desoxy-2,4-methylene-3,5-ditosyl-d-xylitol	-	Sol	Ident, Spec, Iso	Zissis	JACS	75 (1953)	129
$C_{20}H_{24}O_8$	2,4-Dicarbethoxy-3-(3':4'-methylenedioxyphenyl) 5-hydroxy-5-methylcyclohexanone	-	Sol	Freq	Walker	JACS	77 (1955)	3664
$C_{20}H_{24}O_{11}$	Trimethyl trimethylchebulate	-	S	Band freq, I	Haworth	JCS	- (1954)	3611
$C_{20}H_{25}BrO_2$	p-Hydroxy-p'-(ω-bromo-n-hexoxy)-bibenzyl	-	-	Group freq	Fuson	JACS	75 (1953)	1325
$C_{20}H_{25}N$	4-Dimethylamino-2 :5 -diethylstilbene, trans	960	Sol	Group study	Orr	SA	8 (1956)	218
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
$C_{20}H_{25}NO \cdot HCl$	1,1-Diphenyl-2-(2'-N-	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403

$C_{20}H_{25}N$	4-Dimethylamino-2-phenyl-4'-diethylstilbene trans							
$C_{20}H_{25}NO.HCl$	1,1-Diphenyl-2-(2'-N-methylpiperidino)ethanol hydrochloride	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{20}H_{25}NO_2$	2-Diethylaminoethyl-diphenyl acetate	-	-	H bond	Kuznetsov	ZOK	28 (1958)	525
$C_{20}H_{25}NO_3$	2-Diethylaminoethyl benzilate	-	-	H bond	Kuznetsov	ZOK	28 (1958)	525
$C_{20}H_{25}NO_3$	β-Dihydrothebaine-methine	-	-	Struct	Bentley	JCS	- (1952)	958
$C_{20}H_{25}NO_5$	N-Acetyl-β,β-di-(3,4-dimethoxyphenyl) ethylamine	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{20}H_{25}NO_5$	3,5-Dicarbethoxy-2,6-dimethyl-4-p-methoxy-phenyl-1,4-dihydropyridine	-	S	Band freq	Berson	JACS	77 (1955)	444
$C_{20}H_{25}N_3O$	Anhydroajmaline oxime	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{20}H_{25}N_3O$	Anhydroisoajmaline oxime	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{20}H_{25}N_3O_2$	Yohimbamide	-	-	Group freq	Huebner	JACS	77 (1955)	469
$C_{20}H_{26}$	1,4-Bis-(4-ethylphenyl) butane	-	-	Band freq	Cram	JACS	76 (1954)	726
$C_{20}H_{26}$	2,3-Dimethyl-2,3-di-p-tolybutane	-	S	Ident	Pines	JACS	77 (1955)	343
$C_{20}H_{26}$	2-Methyl-2,4-di-p-tolybentane	-	S	Ident	Pines	JACS	77 (1955)	343
$C_{20}H_{26}$	1-p-Tolyl-1-(2-methyl-5-propylphenyl) propane	7.5-14.5 μ	-	Spec	Pines	JACS	71 (1949)	3534
$C_{20}H_{26}NO_5P$	N-Dibenzylphosphoryl-dl-valine methyl ester	3-15 μ	L,S	Spec, Group freq	Li	JACS	77 (1955)	3519
$C_{20}H_{26}N_2$	p,p'-Diaminobibenzyl-N, N-hexamethylene	-	-	Group freq	Fuson	JACS	75 (1953)	1327

$C_{20}H_{26}N_2$	N-Methylyohimbane	2-12 μ	Sol	Spec, Band freq	Witkop	JACS	75 (1953)	3361
$C_{20}H_{26}N_2 \cdot HCl$	N-Methylyohimbane hydrochloride	2-12 μ	Sol	Spec, Band freq	Witkop	JACS	75 (1953)	3361
$C_{20}H_{26}N_2O$	N-[2-(Benzylmethyl-amino) propyl] propionanilide	3.38-3.60 μ	S	Group freq	Wright	JOC	24 (1959)	1362
$C_{20}H_{26}N_2O$	11-Methoxyalloyohim-bane	-	Sol	Ident	Van Tamelen	JACS	77 (1955)	3930
$C_{20}H_{26}N_2O \cdot HCl$	Methylhexahydrosemper-virine hydrochloride (carbinolamine form)	2-12 μ	Sol	Spec, Band freq	Witkop	JACS	75 (1953)	3361
$C_{20}H_{26}N_2O$	Tetrahydrodesoxy-gelsemine	-	-	Struct	Kates	JACS	72 (1950)	2308
$C_{20}H_{26}N_2O_2$	Ajmaline	-	S	Group freq, Struct	Anet	JCS	- (1954)	1242
		-	-	Ident	Djerassi	JACS	76 (1954)	4463
		-	-	Ident	Hochstein	JACS	77 (1955)	3551
		2-15 μ	S	Spec	Garman	TE	1 (1957)	328
$C_{20}H_{26}N_2O_2$	Isoajmaline	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{20}H_{26}N_2O_2 \cdot HCl$	Ajmaline hydrochloride	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{20}H_{26}N_2O_2 \cdot 2HCl$	Ajmaline dihydrochlo-ride	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{20}H_{26}N_2O_2 \cdot HCl.2H_2O$	Ajmaline hydrochloride dihydrate	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{20}H_{26}N_2O_2$	Deacetylstrychnos-permine	-	-	Group freq	Anet	JCS	- (1955)	2253
$C_{20}H_{26}N_2O_2$	Hexahydroalstonol	1490-3700	S	Spec, Struct	Elderfield	JOC	16 (1951)	506
$C_{20}H_{26}N_2O_2$	Hexahydroseppentinol	-	S	Group freq, Struct	Klohs	JACS	76 (1954)	1332

$C_{20}H_{26}N_2O_2$	Hexahydroalstonol	1495-3700	S	Spec				
$C_{20}H_{26}N_2O_2$	Hexahydroserpentinol	-	S	Group freq, Struct	Klohs	JACS	76 (1954)	1332
$C_{20}H_{26}N_2O_2$	α-Yohimbyl alcohol	1400-3600	S	Spec, Struct	Elderfield	JOC	16 (1951)	506
		-	-	Ident	Mac Phillamy	JACS	77 (1955)	1071
		-	-	Ident	Mac Phillamy	JACS	77 (1955)	4335
$C_{20}H_{26}N_2O_4$	Gelsemicine	-	-	Ident	Schwarz	JACS	75 (1953)	4372
$C_{20}H_{26}N_2O_5$	Diethyl 4,6-dimethyl-skatylacetamido-malonate	-	-	Ident	Snyder	JACS	75 (1953)	1873
$C_{20}H_{26}N_4O_2$	Yohimbhydrazide	-	-	Group freq	Huebner	JACS	77 (1955)	469
$C_{20}H_{26}O$	2,6-Di-t-butyl-4-phenyl phenol	3 μ	Sol	Spec, Freq	Coggeshall	JACS	69 (1947)	1620
$C_{20}H_{26}O$	2,2-Dimesitylethanol	-	-	Group study	Fuson	JACS	68 (1946)	389
$C_{20}H_{26}O$	α,α'-Di-(2-m-Xylyl) ethyl ether	-	L,Sol, S	Struct	Schwartzman	JACS	76 (1954)	781
$C_{20}H_{26}O$	Retinene$_2$	700-3200	L	Spec, Group freq	Farrar	JCS	- (1952)	2657
$C_{20}H_{26}O_2$	$\Delta^{1,3,5:10}$-17-Acetylestratrienol-3	-	Sol	Group freq, Spec, Struct	Jones	JACS	74 (1952)	2820
$C_{20}H_{26}O_2$	Bis-(2-hydroxy-3,5-dimethylphenyl)-isopropylmethane	3 μ	Sol	H bond	Sears	JACS	71 (1949)	4110
$C_{20}H_{26}O_2$	cis-Diduryldiol	3 μ	-	H bond	Moricone	JOC	22 (1957)	1651
$C_{20}H_{26}O_2$	$\Delta^{1,3,5(10)}$-Estratrien--ol acetate	700-1400	Sol	Spec, Ident	Jones	JACS	78 (1956)	1152
$C_{20}H_{26}O_2$	$\Delta^{5,7,9}$-Estratrienol-17 acetate	-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		-	Sol	Group freq	Jones	JACS	74 (1952)	5662
$C_{20}H_{26}O_2$	17α-Ethynyl-19-nor-testosterone	3100-3400	S	Ident, Freq	Filler	CIL	- (1957)	1322

$C_{20}H_{26}O_2$	3β-Hydroxy-17-acetyl-5,7,9-estratriene	-	Sol	Band freq	Scheer	JACS	77 (1955)	3300
$C_{20}H_{26}O_2$	$\Delta^{1,3,5:10}$-1-Methoxy-4 methylestratrienone-17	-	S	Band freq	Dreiding	JACS	75 (1953)	3159
$C_{20}H_{26}O_2$	1-Methyl-3-methoxy-$\Delta^{1,3,5:10}$-estratrienone-17	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	S	Band freq	Dreiding	JACS	75 (1953)	3159
$C_{20}H_{26}O_2$	19-Nor-17α-ethynyl-Δ^4-androsten-17β-ol-3-one	-	Sol	Band freq	Djerassi	JACS	76 (1954)	4092
$C_{20}H_{26}O_3$	2α-Carboxy-2,6-dimethyl-6α-hydroxycyclohexanyl-α m-isopropylbenzyl ketone 2,6-lactone	-	-	Group freq, Struct, I	Parham	JACS	76 (1954)	5380
$C_{20}H_{26}O_3$	2α-Carboxy-2,6-dimethyl 6α-hydroxycyclohexanyl-β m-isopropylbenzyl ketone 2,6-lactone	-	L	Group freq, Struct, I	Parham	JACS	76 (1954)	5380
$C_{20}H_{26}O_3$	$\Delta^{13(17a)}$-3,5-Cyclo-etiojerven-6β-ol-11,17-dione-6-methyl ether	-	S	Band freq, Ident	Herz	JACS	76 (1954)	5621
$C_{20}H_{26}O_3$	1β,6-endo-Dimethyl-6-exo-9α-dihydroxy-2,3-(1'-methoxy-7'-8'-dihydro-6',5'-naphtho)-Δ^2-bicyclo[3.3.1]-nonene	3100-3750	Sol	H bond	West	JOC	25 (1960)	1976
$C_{20}H_{26}O_3$	1β,6-endo-Dimethyl-6-exo-9β-dihydroxy-2,3-(1'-methoxy-7'-8'-dihydro-6,5-naphtho)-Δ^2-bicyclo[3.3.1]-nonene	3100-3750	Sol	H bond	West	JOC	25 (1960)	1976

$C_{20}H_{26}O_3$	$\Delta^{1,3,5:10}$-1-Methyl-3-hydroxy-17-carboxy-estratriene	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{20}H_{26}O_3$	Methyl 3-hydroxy-$\Delta^{1,3,5(10)}$ estratriene-17β-caroboxylate	-	Sol	Band freq	Sandova	JACS	77 (1955)	148
$C_{20}H_{26}O_4$	Dicyclohexyl phthalate	2-15 μ	S	Spec	Kendall	APS	7 (1953)	179
$C_{20}H_{26}O_5$	1,14-Dimethyl-2-keto-6,7-diacetoxy-$\Delta^{1(11),9}$-decahydrophenanthrene	2-12 μ	Sol	Band freq	Woodward	JACS	74 (1952)	4223
$C_{20}H_{26}O_6$	2,4b-Dimethyl-2-carbomethoxy-7-ethylenedioxy 1,2,3,4,4aα,4b,5,6,7,8,10,10aβ-dodecahydrophenanthrene-1,4-dione	-	S	Group freq	Lukes	JACS	75 (1953)	1707
$C_{20}H_{26}O_7$	Di-(2,3,4-trimethoxybenzyl) ether	802-3350	Sol	Table	Gutsche	JACS	76 (1954)	1776
$C_{20}H_{26-28}O_7$	Visnagan	666-3460	-	Assign	Cavallito	JOC	15 (1950)	820
$C_{20}H_{27}ClO_3$	4-Chloro-19-nortesto--sterone acetate	1530-1800	S	Group freq	Meda	SA	13 (1958)	75
$C_{20}H_{27}NO$	Dehydroabietane-1-isocyanate	-	-	Group freq	Zeiss	JACS	75 (1953)	5935
$C_{20}H_{27}N_3O_2 \cdot HCl$	Ajmaline oxime hydrochloride	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{20}H_{27}N_3O_2$	Isoajmaline oxime	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{20}H_{27}O_3B$	Diphenyl mono(2-octyl) borate	700-1700	L	Spec, Freq	Werner	AJC	9 (1956)	137
$C_{20}H_{28}$	Diamylnaphthalene	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179

$C_{20}H_{28}Br_2O_{13}$	Asperuloside dibromo-methoxide	728-3497	S	Table, I	Briggs	JCS	- (1954)	4182
$C_{20}H_{28}NO_3P$	Diphenyl dibutylamino-phosphonate	900-1060	Sol	Band freq, I	Halmann	JCS	- (1953)	626
$C_{20}H_{28}N_2$	N,N'-Di-p-tolylhexa-methylenediamine	-	-	Group freq	Fuson	JACS	75 (1953)	5744
$C_{20}H_{28}N_2O$	Deacetylaspidospermine	-	-	Group freq, Struct, I	Witkop	JACS	76 (1954)	5603
$C_{20}H_{28}N_2O$	Deoxydihydroajmaline	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{20}H_{28}N_2O$	Deoxydihydroiso-ajmalene	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{20}H_{28}N_4O_7$	Carbobenzoxy tri-L-alanyl-L-alanine	-	S	Struct	Zahn	A	636 (1960)	132
$C_{20}H_{28}O$	Benzyl-β-ionol	-	-	Group freq	Oroshnik	JACS	76 (1954)	2325
$C_{20}H_{28}O$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-2-enylidene) nona-2,6-dien-4-yn-8-ol	-	L	Spec, Band freq	Oroshnik	JACS	77 (1955)	4048
$C_{20}H_{28}O$	Neoretinene-b	2-15 μ	Sol	Spec, Ext coefficient	Robeson	JACS	77 (1955)	4120
$C_{20}H_{28}O$	$Retinene_1$	700-3200	L	Spec, Group freq	Farrar	JCS	- (1952)	2657
$C_{20}H_{28}O$	all-trans Vitamin A aldehyde	2-15 μ	Sol	Spec, Group freq	Robeson	JACS	77 (1955)	4120
$C_{20}H_{28}O$	all trans-α-Vitamin A aldehyde	2-15 μ	Sol	Spec, Group freq	Robeson	JACS	77 (1955)	4120
$C_{20}H_{28}O$	2-cis-Vitamin A aldehyde	2-15 μ	Sol	Spec, Group freq	Robeson	JACS	77 (1955)	4120
$C_{20}H_{28}O$	2-cis-6-cis, Vitamin A aldehyde	2-15 μ	Sol	Spec, Group freq	Robeson	JACS	77 (1955)	4120
$C_{20}H_{28}O$	6-cis-Vitamin A aldehyde	2-15 μ	Sol	Spec, Group freq	Robeson	JACS	77 (1955)	4120

$C_{20}H_{28}O$	Vitamin A_2	700–3700	L	Spec, Group freq	Farrar	JCS	- (1952)	2657
$C_{20}H_{28}O_2$	Dehydroabietic acid	800–2000 1500–3700	Sol Sol	Spec Group freq	Barnes Cole	IEC JCS	15 (1943) - (1959)	659 2005
$C_{20}H_{28}O_2$	3-Ethoxy-19-nor-$\Delta^{3,5}$-androstadien-17-one	-	Sol	Band freq	Djerassi	JACS	76 (1954)	4092
$C_{20}H_{28}O_2$	17-Methylestradiol methyl ether	-	Sol	Group study	Djerassi	JACS	76 (1954)	4092
$C_{20}H_{28}O_2$	Δ^4-19-Norpregnene-dione-3,20	- 1300–1800 -	Sol Sol Sol	Band freq Spec, Group freq Band freq	Miramontes Jones Djerassi	JACS JACS JACS	73 (1951) 74 (1952) 75 (1953)	3540 5648 4440
$C_{20}H_{28}O_2$	19-Nor-17α-vinyltestosterone	-	Sol	Band freq	Sandoual	JACS	77 (1955)	148
$C_{20}H_{28}O_2$	$\Delta^{5,17:20}$-Pregnadienol-3β-one-20	-	Sol	Group freq	Cole	JACS	74 (1952)	5571
$C_{20}H_{28}O_3$	Cafestol	2–16 μ -	Sol -	Spec Band freq	Djerassi Haworth	JOC JCS	18 (1953) - (1955)	1449 1983
$C_{20}H_{28}O_3$	1β-6-endo-Dimethyl-6-exo-9α-dihydroxy-2,3-(1'-methoxy 5β,6β,7',8'-tetrahydro-6',5'-naphthol)bicyclo[3.3.1]-nonane	3100–3750	Sol	H bond	West	JOC	25 (1960)	1976
$C_{20}H_{28}O_3$	5-Hydroxy-20-keto-3,5-seco-4-norpregn-5-en-3-oic-3,5-lactone	-	-	Band freq	Fijimoto	JACS	75 (1953)	3259
$C_{20}H_{28}O_3$	dl-3-Keto-16,17-dihydroxy-$\Delta^{4,9(11)}$-D-homoandrostadiene	2–12 μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{20}H_{28}O_3$	3-Keto-Δ^4-etiocholenic acid	2–12 μ	Sol	Spec, Band freq	Woodward	JACS	74 (1952)	4223

$C_{20}H_{28}O_3$	6-Keto-17α-methyltesto-sterone	-	-	Group freq	Eppstein	JACS	76 (1954)	3174
$C_{20}H_{28}O_3$	11-Keto-17α-methyltesto-sterone	-	-	Group freq	Eppstein	JACS	76 (1954)	3174
$C_{20}H_{28}O_3$	3β-Methoxyandrost-5-ene-16,17-dione	-	Sol	Group study	Bellamy	JCS	- (1957)	861
$C_{20}H_{28}O_3$	Methyl-Δ^4-estren-3-one-17β-carboxylate	-	Sol	Freq	Sandoval	JACS	77 (1955)	148
$C_{20}H_{28}O_4$	1,14-Dimethyl-2-keto-3-hydroxymethylene-6,7-dihydroxy-$\Delta^{1(11)}$-dodeca hydrophenanthrene acetonide	2-12 μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{20}H_{28}O_4$	6-Isobutyryl-3,4,8,9-tetrahydro-5-hydroxy-2,2,8,8-tetramethyl-benzo(1,2b,3,4b)dipyran	3.7-14.6 μ	-	Table, I	Howard	JCS	- (1955)	174
$C_{20}H_{28}O_5$	Cohumulone	2.5-15 μ	Sol	Group freq	Rigby	JACS	77 (1955)	2828
$C_{20}H_{28}O_5$	Isocohumulone	2.5-15 μ	Sol	Group freq	Rigby	JACS	77 (1955)	2828
$C_{20}H_{28}O_5$	2,4b-Dimethyl-2-acetyl-7-ethylenedioxy-1,2,3,4,4aα,4b,5,6,7,8,10,10aβ-dodecahydrophenanthrene-4β-ol-1-one	-	S	Group freq	Lukes	JACS	75 (1953)	1707
$C_{20}H_{28}O_5$	Δ^4-19-Norpregnene-11β,17α,21-triol-3,20-dione	-	S	Group freq	Zaffaroni	JACS	76 (1954)	6210
$C_{20}H_{28}O_8$	Glaucarubol	-	-	Group study	Ham	JACS	76 (1954)	6066
$C_{20}H_{29}BrO_4$	Caryophyllene maleic anhydride adduct bromo-γ-lactonic acid methyl ester	-	Sol	Freq	Nickon	JACS	77 (1955)	1190

$C_{20}H_{29}BrO_4$	Caryophyllene maleic anhydride adduct bromo δ-lactonic acid methyl ester	-	Sol	Freq	Nickon	JACS	77 (1955)	1190
$C_{20}H_{29}ClO_2$	4-Chloro-17α-methyltestosterone	1550-1800	S	Freq	Meda	SA	13 (1958)	75
$C_{20}H_{29}NO_4$	Ethyl-N-(ε-carbethoxypentyl)-1,2,3,4-tetrahydroisoquinoline-3-carboxylate	-	L	Group freq	Leonard	JACS	76 (1954)	3193
$C_{20}H_{29}N_3O_2 \cdot HCl$	2-n-Butoxy-4-(N-β-diethyl-aminoethyl-carboxamido) quiniline hydrochloride	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{20}H_{29}O_3$	19-Hydroxy-3-oxo-Δ^4-etienamide	-	S	Ident	Barber	JOC	19 (1954)	1758
$C_{20}H_{30}$	m-Di-(1-methylcyclohexyl)-benzene	6.21-14.10 μ	-	Band freq, Ident	Ipatieff	JACS	75 (1953)	6056
$C_{20}H_{30}$	p-Di-(1-methylcyclohexyl) benzene	6.60-12.04 μ	-	Band freq	Ipatieff	JACS	75 (1953)	6056
$C_{20}H_{30}N_2$	N,N'-Dicyclohexyl-2,5-dimethyl-1,4-benzoquinone diimine	-	-	Group freq	Carson	JACS	75 (1953)	4300
$C_{20}H_{30}N_2O_3$	1-[β-(1-Methyl-4-phenyl-4-hydroxy-3-piperidyl)-propionyl]-piperidine	-	Sol	Group freq	Mc Elvain	JACS	76 (1954)	5625
$C_{20}H_{30}N_2O_3$	N-Cyclohexyl-α-morpholino-γ-hydroxy-γ-phenylbutyramide	1500-3500	S	Band Assign, Struct	Cromwell	JACS	80 (1958)	4573
$C_{20}H_{30}O$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-2-enylidene)nona-2,4,5-trien-8-ol	-	L	Spec, Group freq	Oroshnik	JACS	77 (1955)	4048

$C_{20}H_{30}O$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-2-enylidene)-nona-2,4-cis,6-trien-8-ol	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{20}H_{30}O$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-2-enylidene)-nona-2,4-trans,6-trien-8-ol	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{20}H_{30}O$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-2-enylidene) nona-2,4-cis,8-trien-7-ol	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{20}H_{30}O$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-2-enylidene)nona-2,4-trans,8-trien-7-ol	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{20}H_{30}O$	17-Methylene-Δ^5-androsten-3β-ol	-	Sol	Freq	Sondheimer	JACS	77 (1955)	4145
$C_{20}H_{30}O$	Neovitamin A	-	-	Spec	Robeson	JACS	69 (1947)	136
$C_{20}H_{30}O$	Totarol	700-4000	L,Sol	Spec, Struct, Group freq	Short	JCS	- (1951)	2979
$C_{20}H_{30}O$	2-cis-Vitamin A	2-15 μ	Sol	Spec, Group freq	Robeson	JACS	77 (1955)	4111
$C_{20}H_{30}O$	2,6-di-cis-Vitamin A	2-15 μ	Sol	Spec, Group freq	Robeson	JACS	77 (1955)	4111
$C_{20}H_{30}O$	6-cis-Vitamin A	2-15 μ	Sol	Spec, Group freq	Robeson	JACS	77 (1955)	4111
$C_{20}H_{30}O$	all-trans-Vitamin A	2-15 μ	Sol	Spec, Group freq	Robeson	JACS	77 (1955)	4111
$C_{20}H_{30}O$	Vitamin A_1	-	-	Spec	Robeson	JACS	69 (1947)	136
		700-3700	L	Spec, Group freq	Farrar	JCS	- (1952)	2657
		0.9-3 μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{20}H_{30}O_2$	Abietic acid	-	S,Sol	Ident	Boriswich	IANS	23 (1959)	1219
		1500-3700	Sol	Group study, Group freq	Gale	JCS	- (1959)	2005

$C_{20}H_{30}O_2$	Dextro-pimaric acid	1500-3700	Sol	Group study, Group freq	Cole	JCS	- (1959)	2005
$C_{20}H_{30}O_2$	17α-Hydroxy-17β-methyl -4-androsten-3-one	2.5-3.5 μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
$C_{20}H_{30}O_2$	3β-Methoxy-5-androsten -17-one	3-13 μ	S,Sol	Spec, Band freq, Struct	Josien	JACS	73 (1951)	4445
$C_{20}H_{30}O_2$	6-Methoxy-i-androsten -17-one	3-13 μ	S,Sol	Spec, Band freq, Struct	Josien	JACS	73 (1951)	4445
$C_{20}H_{30}O_2$	Δ^4-17-Methylandrostenol -17β-one-3	-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
$C_{20}H_{30}O_2$	17α-Methyltestosterone	1530-1800	S	Group freq	Meda	SA	13 (1958)	75
$C_{20}H_{30}O_2$	17-Methylepitestosterone	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		1628-1728	Sol	Ext. Coefficient, I	Jones	JACS	74 (1952)	80
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		-	Sol	Group freq	Sondheimer	JACS	77 (1955)	4145
$C_{20}H_{30}O_2$	Δ^4-19-Norpregnen-20-ol- 3-one	-	Sol	Band freq	Meramontes	JACS	73 (1951)	3540
		-	Sol	Band freq	Djerassi	JACS	75 (1953)	4440
$C_{20}H_{30}O_2$	Palustric acid	3-15 μ	S	Spec	Brunn	ACS	11 (1957)	907
$C_{20}H_{30}O_2$	d-Pimaric acid	-	S,Sol	Ident	Borisevich	IANS	23 (1959)	1219
$C_{20}H_{30}O_2$	l-pimaric acid	-	S,Sol	Ident	Borisevich	IANS	23 (1959)	1219
$C_{20}H_{30}O_3$	Chrysanthemum mono- carboxylic acid anhydride	2-15 μ	S,Sol	Spec	Freeman	AC	27 (1955)	1268
$C_{20}H_{30}O_3$	2-Hydroxy-2,6-3,5-bis- heptamethylene-cyclohex -5-ene-1,4-dione	-	S	Group freq	Rappael	JCS	- (1952)	4566
$C_{20}H_{30}O_3$	17β-Hydroxy-3β-methoxy- androst-5-en-16-one	-	Sol	Group freq, Group study	Bellamy	JCS	- (1957)	861
$C_{20}H_{30}O_3$	17β-Hydroxy-17α-methyl- androstane-3,6-dione	-	-	Group freq	Eppstein	JACS	76 (1954)	3174

$C_{20}H_{30}O_3$	12α-Hydroxy-13β-methyl-12-nor-3-oxo-11β,14α-abietan-15-oic lactone	-	Sol	Group freq	Seebluskey	JACS	76 (1954)	3512
$C_{20}H_{30}O_3$	6β-Hydroxy-17α-methyl-testosterone	-	-	Group freq	Eppstein	JACS	76 (1954)	3174
$C_{20}H_{30}O_3$	11α-Hydroxy-17α-methyl-	-	-	Group freq	Eppstein	JACS	76 (1954)	3174
$C_{20}H_{30}O_3$	3-Ketoetioallocholanic acid	2-12 μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{20}H_{30}O_3$	Steviol	-	Sol	Group freq, Struct	Mosettig	JOC	20 (1955)	884
$C_{20}H_{30}O_3$	Isosteviol	-	Sol	Band freq	Mosettig	JOC	20 (1955)	884
$C_{20}H_{30}O_3Si_3$	Tetramethyl-2,4-diphenyl-cyclotrisiloxane	2-16 μ	Sol	Spec	Young	JACS	70 (1948)	3758
$C_{20}H_{30}O_4$	Agathene dicarboxylic acid	1500-3700	Sol	Group freq, Group study	Cole	JCS	- (1959)	2005
$C_{20}H_{30}O_4$	Caryophyllene maleic anhydride adduct δ-lactonic acid methyl ester	-	Sol	Freq	Nickon	JACS	77 (1955)	1190
$C_{20}H_{30}O_4$	Dihexyl phthalate	-	L	Band freq, I	Kendall	APS	7 (1953)	179
$C_{20}H_{30}O_4$	D-Homoetiochololactone-seco-D_{13}-$\Delta^{12(13)}$-3-ol-11-one-17-carboxylic acid	-	Sol	Band freq	Wendler	JACS	77 (1955)	3559
$C_{20}H_{30}O_6$	Bis-butylcellosolve phthalate	-	-	Band freq, I	Kendall	APS	7 (1953)	179
$C_{20}H_{30}O_6$	2,5-Dimethylquinol di-(2'-carbethoxy-2'-propyl) ether	-	-	Group freq	Aparicio	JCS	- (1952)	4666
$C_{20}H_{31}ClO$	Isostevic acid chloride	-	-	Group freq	Mosettig	JOC	20 (1955)	884
$C_{20}H_{31}N$	N-Methyldehydroabietane-1-amine	-	-	Band freq	Zeiss	JACS	75 (1953)	5935

$C_{20}H_{31}NO_2 \cdot HCl$	1-(β-Diethylaminoethyl-carboxy)-1-(1-3',1'-dimethylphenyl) cyclopentane hydrochloride	2-8μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{20}H_{32}$	Phyllocladene	1320-3200	Sol	Struct	Bottomley	JCS	- (1955)	2624
$C_{20}H_{32}$	Isophyllocladene	1300-3200	Sol	Struct	Bottomley	JCS	- (1955)	2624
$C_{20}H_{32}Br_8O_2$	5,6,8,9,11,12,14,15-Octabromoeicosanoic acid	475-775	S	Spec, Band freq	Sinclair	JACS	74 (1952)	2578
$C_{20}H_{32}N_2O$	1,4-Dicyclohexylimino--2,5-dimethyl-2-hydroxy-cyclohexene-5	-	-	Group freq	Carson	JACS	75 (1953)	4300
$C_{20}H_{32}N_2C_2$	Hexahydroajmaline	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{20}H_{32}O_2$	Isosteval	-	Sol	Band freq	Mosettig	JOC	20 (1955)	884
$C_{20}H_{32}O$	α-Cyclohex-1-enyl-α-(1-hydroxycyclohexyl) acetylcyclohexane	-	Sol	Group freq	Brande	JCS	- (1955)	329
$C_{20}H_{32}O_2$	Dihydroabietic acid	-	S,Sol	Ident	Barisevich	IANS	23 (1959)	1219
$C_{20}H_{32}O_2$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-1-enyl)nona-2,5-cis,7-triene-4,9-diol	2-16μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{20}H_{32}O_2$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-1-enyl) -nona-2,5-trans,7-triene -4,9-diol	2-16μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{20}H_{32}O_2$	α-Dipiperitone	740-3413	S	Group freq	Briggs	JCS	- (1953)	3788
$C_{20}H_{32}O_2$	β-Dipiperitone	740-3436	S	Group freq	Briggs	JCS	- (1953)	3788

$C_{20}H_{32}O_2$	cis-$\Delta^{5,8,11,14}$-Eicosatetrainoic acid	0.9-3 μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{20}H_{32}O_2$	6,10,14,18-Eicosatetraenoic acid	-	L	Spec, Band freq	Sinclair	JACS	74 (1952)	2578
$C_{20}H_{32}O_2$	Etioallocholanic acid	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{20}H_{32}O_2$	D-Homoandrostanol-3β-one-17a	-	Sol	Group freq	Cole	JACS	74 (1952)	5571
$C_{20}H_{32}O_2$	12α-Hydroxy-13β-methyl-12-nor-11β,14α-abietan-15-oic-lactone	-	-	Group freq	Subluskey	JACS	76 (1954)	3512
$C_{20}H_{32}O_2$	3β-Methoxy-5-androsten-17β-ol	3-13 μ	S,Sol	Spec, Struct, Band freq	Josien	JACS	73 (1951)	4445
$C_{20}H_{32}O_2$	6-Methoxy-i-androstan-17β-ol	3-13 μ	S,Sol	Spec, Struct, Band freq	Josien	JACS	73 (1951)	4445
$C_{20}H_{32}O_2$	17α-Methyl-Δ^5-androstene-3β,17β-diol	650-1750	S	Spec, Ident	Beher	AC	29 (1957)	1147
$C_{20}H_{32}O_2$	9,12-Octadecadiynal ethylene glycol cyclic acetal	2-16 μ	Sol	Spec	Walborsky	JACS	73 (1951)	2590
$C_{20}H_{32}O_3$	5,20-Dihydroxy-3:5-seco-4-norallopregnan-3-oic acid 3:5 lactone	1000-1900	Sol	Spec, Group freq	Jones	JACS	81 (1959)	5242
$C_{20}H_{32}O_3$	Hydroxystevic acid	-	-	Band freq, Ident	Mosettig	JOC	20 (1955)	884
$C_{20}H_{32}O_3$	Hydroxyisostevic acid	-	S	Group freq	Mosettig	JOC	20 (1955)	884
$C_{20}H_{32}O_3$	3β-Methoxy-16α,17β-dihydroxy-Δ^5-androstene	2.5-15 μ	S	Spec, Band freq	Hirschmann	JACS	74 (1952)	5357
$C_{20}H_{32}O_3$	Tetrahydrocafestol	-	-	Ident	Haworth	JCS	- (1955)	1983
$C_{20}H_{32}O_4$	2,5-Dihydroxy-2,6-3,5-bisheptamethylene-cyclohexane-1,4-dione	-	S	Group freq	Raphael	JCS	- (1952)	4566

		8-15 μ	S	Spec	Kuhn	AC	22 (1950)	276

$C_{20}H_{32}O_{10}S_2$	D-Galactose diethyl-mercaptal penta-acetate	8-15 μ	S	Spec	Kuhn	AC	22	(1950)	276
$C_{20}H_{32}O_{14}S_2$	D-Fructo-1,3,4,5,6-pentaacetoxy-2,2-diethylsulfonyhexane	-	S	Band freq	Bourne	JCS	-	(1954)	4009
$C_{20}H_{33}N_3O_2$	Hexahydroajmaline oxime	-	S	Group freq	Anet	JCS	-	(1954)	1242
$C_{20}H_{34}$	Digeranyl	700-1700	L	Spec, Struct, Group freq	Bernard	JCS	-	(1950)	915
$C_{20}H_{34}$	Isodigeranyl	700-1700	L	Spec, Struct, Group freq	Bernard	JCS	-	(1950)	915
$C_{20}H_{34}$	Dihydromyrcenyl dihydro-myrcene	700-1700	L	Spec, Ext. Cofficient, Iso	Bernard	JCS	-	(1950)	3045
$C_{20}H_{34}$	2-Phenyltetradecane	2-15.5 μ	L	Spec, Struct	Lenneman	JOC	19	(1954)	463
$C_{20}H_{34}N_2O$	Deoxyoctahydro-ajmaline	-	S	Group freq	Anet	JCS	-	(1954)	1242
$C_{20}H_{34}O$	2,6-Di-t-amyl-4-t-butyl phenol	3	Sol	Spec, Freq	Coggeshall	JACS	69	(1947)	1620
$C_{20}H_{34}O$	Digeranyl ether	-	-	Group study	Naylor	JCS	-	(1959)	2724
		700-1700	L	Spec, Group freq	Bernard	JCS	-	(1950)	915
$C_{20}H_{34}O_2$	Cativic acid	-	-	Struct	Grant	JACS	76	(1954)	5001
$C_{20}H_{34}O_4$	1,1,12,12-Tetraacetyl-dodecane	2.5-6.5 μ	Sol	Freq, Assign	Martin	JACS	81	(1959)	130
$C_{20}H_{34}O_8$	(Tri-n-butyl citrate) acetate	2-15 μ	L	Spec	Kendall	APS	7	(1953)	179
$C_{20}H_{36}OSi$	Trimethylsilylundecyl phenyl ehter	-	-	Inductive effect	Josien	CPR	249	(1959)	826
$C_{20}H_{36}O_2$	Ethyl cis,9-trans,12-linoleate	0.9-3 μ	Sol	Spec	Holman	AC	28	(1956)	1533

$C_{20}H_{36}O_4$	12-Acetoxyelaidic acid	2-12 μ	Sol	Substitution effect	Mc Cutchon	JAOC	36 (1959)	450
$C_{20}H_{36}O_4$	Di-2-ethylhexyl succinate	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{20}H_{38}$	Phytadiene	-	-	Band freq	Hirschmann	JACS	76 (1954)	4592
$C_{20}H_{38}O_2$	Elaidyl acetate	2-12 μ	Sol	Substitution effect	Mc Cutchon	JAOC	36 (1959)	450
$C_{20}H_{38}O_2$	Vinyl stearate	-	Sol	Group freq, Speo	Potts	SA	- (1959)	679
$C_{20}H_{38}O_3$	Ethylene glycol mono oleate	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{20}H_{38}O_4$	Diamyl sebacate	2-14 μ	L	Spec	Kapff	JCP	16 (1948)	446
		2-16 μ	Sol	Spec	Stahl	JACS	74 (1952)	5487
$C_{20}H_{38}O_4$	Diethyl thapsate	670-3500	S,L	Spec, Config.	Corish	JCS	- (1958)	927
$C_{20}H_{38}O_4$	Eicosanedioic acid	5-15 μ	S,L	Spec, Struct, Temp.	Davies	TFS	56 (1960)	185
$C_{20}H_{38}O_4$	Ethylene glycol mono ricenoleate	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{20}H_{39}O_3B$	Dicyclohexylmono-(2-octyl) borate	700-1700	L	Spec, Freq	Werner	AJC	9 (1956)	137
$C_{20}H_{40}O$	4-Eicosanone	3-15 μ	S	Temp. Effects	Walsh	JCP	18 (1950)	552
$C_{20}H_{40}O$	Phytol	1-14 μ	L	Spec	Stair	JRNB	11 (1933)	703
		1-14 μ	-	Spec, Freq	Aronoff	CR	47 (1950)	175
		-	-	Ident	Hirschmann	JACS	76 (1954)	4592
$C_{20}H_{40}O_2$	2,2-Dimethyloctadecanoic acid	7-15 μ	Sol	Spec, Band freq	Freeman	JACS	74 (1952)	2523
$C_{20}H_{40}O_2$	2,3-Dimethyloctadecanoic acid	7-15 μ	Sol	Spec, Band freq	Freeman	JACS	74 (1952)	2523
$C_{20}H_{40}O_2$	3,3-Dimethyloctadecanoic acid	7-15 μ	Sol	Spec, Band freq	Freeman	JACS	74 (1952)	2523
$C_{20}H_{40}O_2$	17,17- Dimethyloctadecanoic acid	-	-	Spec	Sobotka	JACS	72 (1950)	5139

$C_{20}H_{40}O_2$	n-Eicosanoic acid	700-1375	S	Ident	Cole	JOSA	42 (1952)	348
		700-3500	S,Sol	Spec, Band freq	Sinclair	JACS	74 (1952)	2570
		2-15 μ	S	Spec, Qual, Anal	Meiklejah	AC	29 (1957)	329
		720	S	Band freq	Chapman	JCS	- (1957)	4489
$C_{20}H_{40}O_2$	Ethyl stearate	1-12 μ	Sol	Spec, Ext. Coefficient	O'Connor	JAOC	28 (1951)	154
		710-730	S	Band freq	Chapman	JCS	- (1957)	4489
$C_{20}H_{40}O_2$	11-Hydroxy-10-eicosanone	0.9-3 μ	Sol	Spec	Holman	AC	28 (1956)	1533
$C_{20}H_{40}O_3$	Ethylene glycol monostearate	2-15 μ	S	Spec	Kendall	APS	7 (1953)	179
$C_{20}H_{41}NO$	cis-2-Aminocyclo-eicosanol	-	Sol	Freq, Assign	Sicher	CCCC	24 (1959)	950
$C_{20}H_{41}NO$	trans-2-Aminocyclo-eicosanol	-	Sol	Freq, Assign	Sicher	CCCC	24 (1959)	950
$C_{20}H_{41}NO_3$	Stearic acid acetamide	2-12 μ	S,Sol	Spec, Assign	O'Connor	JACS	77 (1955)	892
$C_{20}H_{42}$	Eicosane	-	-	Anal	Rosenbaum	JCP	9 (1941)	295
		3-15 μ	S	Temp. Effect	Walsh	JCP	18 (1950)	522
		700-3000	Sol	Group study, Ext. Coefficient	Jones	SA	9 (1957)	235
		750-1150	S	Struct, Band freq	Snyder	JCP	27 (1957)	969
		700-1500	S	Freq, Assign	Snyder	JMS	4 (1960)	411
$C_{20}H_{43}NO_2$	Dodecylammonium caprylate	1600-1750	Sol	Assign	Kitahara	BCSJ	31 (1958)	653
$C_{20}H_{44}N_2 \cdot 2HCl$	Necrosamine dihydrochloride	-	-	Freq, Struct	Ikawa	JACS	75 (1953)	3439
$C_{20}H_{44}Si$	n-Butyl-n-hexadecylsilane	2-16 μ	Sol	Group freq	Kniseley	SA	15 (1959)	651
$C_{20}H_{44}Si$	Di-n-decylsilane	2-16 μ	Sol	Group freq	Kniseley	SA	15 (1959)	651
$C_{20}H_{50}O_{15}Si_5$	Decaethoxy cyclopentasilonane	600-5500	L	Spec	Okawara	BCSJ	31 (1958)	154

C_{21} COMPOUNDS

$C_{21}H_{10}F_{30}O_4$	1,5-Pentanediol bis-pentadecafluoro-caprylate	-	L	Group freq	Rappaport	JACS	75 (1953)	2695
$C_{21}H_{12}Cl_4O_3$	2,6-Bis-(3,4-dichloro-benzoyl)-p-cresol	-	S,Sol	Group freq	Newman	JOC	19 (1954)	996
$C_{21}H_{12}O_2$	2-Hydroxytriptoic acid lactone	2-12 μ	Sol	Spec, Struc	Bartlett	JACS	76 (1954)	1088
$C_{21}H_{12}O_3$	3-Benzoyl-1,10-phenanthraquinone	1600-1800	S,Sol	Group freq	Josien	JCP	21 (1955)	331
$C_{21}H_{12}O_6$	Trisalicylide	1700-1800	S,Sol	Group freq	Short	JCS	- (1952)	206
$C_{21}H_{13}N$	1:2,8:9-Dibenzacridine	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
$C_{21}H_{13}N$	3:4,6:7-Dibenzacridine	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
$C_{21}H_{13}NO$	Triptycyl isocyanate	-	-	Band freq	Bartlett	JACS	76 (1954)	1088
$C_{21}H_{13}NO_3$	1-Benzamidoanthraquinone	1637-1677	-	Group freq	Flett	JCS	- (1948)	1441
$C_{21}H_{13}NO_4$	1-Anilinoanthraquinone-2-carboxylic acid	700-4000	S,L	Group freq	Flett	JCS	- (1951)	962
$C_{21}H_{13}N_3O$	Triptazide	-	-	Group freq	Bartlett	JACS	76 (1954)	1088
$C_{21}H_{14}$	1:2,5:6-Dibenzfluorene	670-3150 660-2000	S Sol	Spec, Band freq Spec	Orr Cannon	JCS SA	- (1950) 4 (1951)	218 373
$C_{21}H_{14}$	1:2,7:8-Dibenzfluorene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
$C_{21}H_{14}N_2$	Di-α-naphthycarbodi-imide	2300-2000	Sol	Vibrations	Meakins	JCS	- (1957)	993
$C_{21}H_{14}N_2$	1-Phenyl-ψ-indolo-(3':2'-3:4)quinoline	-	-	Struc	Mann	JCS	- (1951)	1898
$C_{21}H_{14}N_2.HCl$	1-Phenyl-ψ-indolo(3':2'-3:4) quinoline hydro-chloride	-	-	Struct	Mann	JCS	- (1951)	1898
$C_{21}H_{14}N_2O_2$	2-(2'-Pyridone)-1,4-	-	-	Group freq	Adams	JACS	76 (1954)	792

chloride								
$C_{21}H_{14}N_2O_4S$	2-(2'-Pyridono)-1,4-naphthoquinone-4-benzene-sulphonimide	-	-	Group freq	Adams	JACS	76 (1954)	702
$C_{21}H_{14}O$	1-Formyltriptycene	-	-	Band freq	Bartlett	JACS	76 (1954)	1088
$C_{21}H_{14}O_3$	9-Benzoyloxy-10-hydroxyphenanthrene	660-5000	S	Group freq, Struc, Ident	Moore	JCS	- (1953)	238
$C_{21}H_{14}O_3$	9,10-Cyclodioxy-phenanthryl- - benzylidine alcohol	-	-	Struc	Moore	JCS	- (1953)	238
$C_{21}H_{14}O_3$	2,2'-Dinaphthyl-carbonate	-	-	Ident	Tsou	JACS	76 (1954)	6108
$C_{21}H_{14}O_3$	2-Hydroxytriptoic acid	2-12 μ	Sol	Spec, Struc	Bartlett	JACS	76 (1954)	1088
$C_{21}H_{15}BrClNO_4$	erythro-2-Bromo-2-(4-chlorophenyl)-1-phenyl-ethanol-p-nitrobenzoate	-	-	Group freq	House	JACS	77 (1955)	3070
$C_{21}H_{15}Cl_3N_6$	N,N',N"-Tri(m-chloro phenyl)melamine	2-16 μ	S	Spec, Struc, Assign	Padgett	JACS	80 (1958)	803
$C_{21}H_{15}Cl_3N_6$	N,N',N"-Tri(o-chloro phenyl)melamine	2-16 μ	S	Spec, Struc, Assign	Padgett	JACS	80 (1958)	803
$C_{21}H_{15}NO_4S$	p-Phthalimidomethyl-phenyl phenyl sulfone	-	S	Substitution effect	Momose	CPBT	6 (1958)	412
$C_{21}H_{15}N_3$	2,4,6-Triphenyl-1,3,5-triazine	2-16 μ	S	Spec	Ross	JACS	72 (1950)	3302
$C_{21}H_{15}N_3O_3$	2,4,6-Triphenoxy-1,3,5-triazine	2-16 μ	S	Spec, Struc, Correlation	Padgett	JACS	80 (1958)	803
$C_{21}H_{15}N_3O_4S$	3-(p-Benzoylsulfonamido-phenyl)-5-phenyl-1,2,4-oxadiazole	-	S	Group study, Struc	Bergmann	JOC	18 (1953)	64
$C_{21}H_{15}N_5O_{11}$	Di-DNP-DL-tyrosine	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469

$C_{21}H_{15}N_5O_{11}$	Di-DNP-L-tyrosine	625-5000	S	Spec, Ident	Friedberg	CJC	37 (1959)	1469
$C_{21}H_{16}$	9-Benzylanthracene	650-2040	S	Spec	Cannon	SA	4 (1951)	373
$C_{21}H_{16}$	5:6-Cyclopenteno-1:2-benzanthracene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
$C_{21}H_{16}Cl_2O_2$	3,7-Di-(o-chloro-benzylidene)-1,2-cycloheptanedione	-	S	Group freq	Leonard	JACS	75 (1953)	4989
$C_{21}H_{16}Cl_2O_2$	3,7-Di-(o-chloro-benzyl) tropolone	-	Sol	Group freq	Leonard	JACS	75 (1953)	4989
$C_{21}H_{16}N_2O_4S$	2-Phenyl-α-(2-benzylidine-4,5-diketo-3-oxazolidyl)-2-thiazolidine acetic acid β lactam	2-8μ	Sol	Spec, Struc	Sheehan	JACS	73 (1951)	4756
$C_{21}H_{16}N_2O_6$	3,7-Di-(p-nitrobenzylidine)-1,2-cycloheptanedione	-	S	Group freq	Leonard	JACS	75 (1953)	4989
$C_{21}H_{16}N_2O_6$	3,7-Di-(p-nitrobenzyl) tropolone	-	S	Group freq	Leonard	JACS	75 (1953)	4989
$C_{21}H_{16}N_4O$	N-Phenyl-2-phenyl-6-phenoxy-4-amino-S-triazine	2-15μ	Sol	Assign	Reimschuessel	JACS	82 (1960)	3756
$C_{21}H_{16}O$	1-Benzoyl-2,2-diphenyl-ethylene	-	Sol	Freq	Bergmann	JCS	- (1952)	2522
$C_{21}H_{16}O$	β-p-Diphenylacrylophenone	650-4000	S,Sol	Group freq, I	Cromwell	JACS	75 (1953)	6252
$C_{21}H_{16}O$	2,3-Diphenylindone	-	-	Spec	Bergmann	BSCF	634 (1959)	1959
$C_{21}H_{16}O$	trans-4'-Phenylchalcone	-	S	Group freq	Cromwell	JOC	17 (1952)	414
$C_{21}H_{16}O_2$	2-Acetoxy-4-methyl-benzo(c)phenanthrene	-	Sol	Band freq	Djerassi	JACS	76 (1954)	1741

$C_{21}H_{16}O_2$	α,β-Diphenylacrylophenone oxide	-	-	Group freq	House	JACS	76 (1954)	1235
$C_{21}H_{16}O_2$	β,β-Diphenylacrylophenone oxide	-	-	Group freq	House	JACS	76 (1954)	1235
$C_{21}H_{16}O_2$	1-Hydroxy-1'-methoxy-2,2'-binaphthyl	-	-	Ident	Edwards	JACS	76 (1954)	6141
$C_{21}H_{16}O_3$	2,6-Dibenzoyl-p-cresol	-	-	Group freq, Band freq	Newman	JOC	19 (1954)	992
		-	-	Group freq, Band freq	Newman	JOC	19 (1954)	996
$C_{21}H_{17}N$	Diphenyl ketene-p-tolylimine	2-15 μ	Sol	Spec	Stevens	JACS	75 (1953)	657
		-	-	Group freq	Stevens	JACS	76 (1954)	4398
$C_{21}H_{17}N$	1-Methyl-2,3-diphenylindole	2-11 μ	Sol	Spec	Witkop	JACS	73 (1951)	5664
$C_{21}H_{17}NO$	2,2-Diphenyl-1-methyl-ψ-indoxyl	2-11 μ	Sol	Spec	Witkop	JACS	73 (1951)	5664
$C_{21}H_{17}NO$	3,3-Diphenyl-1-methyl-ψ-oxindole	2-11 μ	Sol	Spec	Witkop	JACS	73 (1951)	5664
$C_{21}H_{18}$	Cycloheneicosa-1,3,8,10,15,17-hexayne	3-15 μ	S	Spec	Wolovsky	JACS	81 (1959)	4600
$C_{21}H_{18}$	2-Isopropyl-3:4-benzphenanthrene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
$C_{21}H_{18}$	5-n-Propyl-1:2-benzanthracene	670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
$C_{21}H_{18}$	6,9,10-Trimethyl-1,2-benzanthracene	650-2010	S	Spec	Cannon	SA	4 (1951)	373
		670-3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
$C_{21}H_{18}$	1,1,2-Triphenyl-1-propene	2-16 μ	Sol	Spec	Curtin	JACS	74 (1952)	5381
$C_{21}H_{18}$	1,2,3-Triphenylcyclopropane	3-14 μ	L	Spec	Bridson	JCS	- (1951)	2999

$C_{21}H_{18}N_2O_2$	4-Acetoxy-7-benzylidene-5-methyl-6-phenyl-7H-1,2-diazepine	3.20-7.15 μ	-	I	Moore	JACS	77 (1955)	3417
$C_{21}H_{18}N_2O_3$	2-Methoxy-p-phenylene-dibenzamide	-	-	Ident	Adams	JACS	74 (1952)	5872
$C_{21}H_{18}N_3O_{10}P$	Tri-p-nitrobenzyl-phosphate	-	-	Group freq	Bellamy	JCS	- (1952)	1701
		-	-	Group freq	Bell	JACS	76 (1954)	5185
$C_{21}H_{18}N_4O_4$	1,3-Diphenyl-2-propanone-2,4-dinitrophenyl-hydrazone	2-15 μ	S	Band spec, Ident	Jones	AC	28 (1956)	191
$C_{21}H_{18}N_4O_4$	α-Methyldesoxybenzoin 2,4-dinitrophenyl-hydrazone	-	-	Ident	House	JACS	76 (1954)	1235
$C_{21}H_{18}N_6$	N,N',N"-Triphenylmelamine	2-16.4 μ	S	Spec, Struct, Assign	Padgett	JACS	80 (1958)	803
$C_{21}H_{18}O$	β-p-Diphenylpropiophenone	650-4000	S,Sol	Group freq, I	Cromwell	JACS	75 (1953)	6252
$C_{21}H_{18}O$	cis-1,2,3-Triphenyl-2-propen-1-ol	-	-	Group freq, Struc	Lutz	JACS	77 (1955)	366
$C_{21}H_{18}O$	trans-1,2,3-Triphenyl-2-propen-1-ol	-	-	Group freq, Struc	Lutz	JACS	77 (1955)	366
$C_{21}H_{18}O_2$	1-Acetoxy-4-methyl-5,6-dihydrobenzo(c)-phenanthrene	-	Sol	Group freq	Djerassi	JACS	76 (1954)	1741
$C_{21}H_{18}O_2$	2-Acetoxy-4-methyl-5,6-dihydrobenzo(c)-phenanthrene	-	Sol	Band freq	Djerassi	JACS	76 (1954)	1741
$C_{21}H_{18}O_2$	3,7-Dibenzylidene-1,2-cycloheptanedione	650-4000	Sol	Spec, Group freq	Leonard	JACS	75 (1953)	2143
		-	S	Group freq	Leonard	JACS	75 (1953)	2714
		-	Sol	Group freq	Leonard	JACS	75 (1953)	4989
$C_{21}H_{18}O_2$	Dibenzyltropolone	620-4000	Sol	Spec	Leonard	JACS	75 (1953)	2143
		-	Sol	Group freq	Leonard	JACS	75 (1953)	4989

$C_{21}H_{18}O_2$	Methyl o-benzhydryl-benzoate	3 μ	Sol	Spec	Marvel	JACS	63 (1941)	2221
$C_{21}H_{18}O_2$	Methyl p-benzhydryl-benzoate	3 μ	Sol	Spec	Marvel	JACS	63 (1941)	2221
$C_{21}H_{18}O_2$	Methyl triphenylacetate	-	-	Ident	Brook	JACS	75 (1953)	4759
		-	-	Ident	Brook	JACS	76 (1954)	77
		-	-	Reference	Brook	JACS	77 (1955)	2322
$C_{21}H_{18}O_2S$	9-(9-Benzylfluorenyl) methyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{21}H_{18}O_2S$	9-(9-Methylfluorenyl) benzyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{21}H_{18}O_2S$	9-(9-Methylfluorenyl) -p-tolyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{21}H_{18}O_5$	6-Methyl-2-oxo-3,4,7,8-dibenzol[3.2.1]bicyclo-octadiene-1,6-dicarbo-xylic-2,6-cis acid dimethyl ester	-	-	Ident	Vaughan	JACS	76 (1954)	4130
$C_{21}H_{18}O_7$	2',3,4-Triacetoxybenzal-acetophenone	1550-4000	S	Group freq	Hergert	JACS	75 (1953)	1622
$C_{21}H_{19}Cl$	3-Chloro-1,1,1-triphenyl-propane	-	Sol	Group freq, I	Pinchas	JCS	- (1954)	863
$C_{21}H_{19}NO_3$	α-Carbethoxy-β-(1-iso-quinolyl)-propiophenone	-	-	Group study	Boekelheide	JACS	75 (1953)	3679
$C_{21}H_{19}N_3O_2S$	5-Benzenesulfonamidtet-rahydrobenzo[e]pyrido [a]benzimidazole	-	S,Sol	Group freq	Adams	JACS	76 (1954)	702
$C_{21}H_{19}N_3O_3S_2$	2(3)-Imino-3,5-diphenyl -4-aminothiazoline benzenesulfonate	650-4000	S	Spec	Taylor	JACS	76 (1954)	1866

$C_{21}H_{19}N_3O_4S$	2-Phenyl-α-(N-α-toluyl-N-oxamyl)-2-thiazolidineacetic acid-β-lactam	2-8 μ	Sol	Spec, Band freq	Sheehan	JACS	73 (1951)	4756
$C_{21}H_{20}$	1,1,1-Triphenylpropane	2-16 μ	Sol	Spec, Ident	Curtin	JACS	74 (1952)	5381
$C_{21}H_{20}$	1,1,2-Triphenylpropane	2-16 μ	Sol	Spec, Ident	Curtin	JACS	74 (1952)	5381
$C_{21}H_{20}Br_2O_2$	cis-3,7-Dibromo-3,7-dibenzyl-1,2-cycloheptanedione	1630-1780	S	Spec, Band freq	Leonard	JACS	75 (1953)	2143
$C_{21}H_{20}Br_2O_2$	trans-3,7-Dibromo-3,7-dibenzyl-1,2-cycloheptanedione	1630-1780	S	Spec, Band freq	Leonard	JACS	75 (1953)	2143
$C_{21}H_{20}N_2O$	1-(2,6-Dimethylbenzyl)-7-methoxy-9H-pyrid[3,4-b]indole	-	S	Ident	Huebner	JACS	77 (1955)	472
$C_{21}H_{20}N_2O_3$	Alstonine	1490-3670	Sol	Spec, Struc, Band freq	Elderfield	JOC	16 (1951)	506
$C_{21}H_{20}N_4O_2$	1,3-Di-p-methoxyphenyl-5-phenylformazan	680-1600	S	Spec, Freq, Assign	Le Fevre	AJC	9 (1956)	151
$C_{21}H_{20}N_4O_6$	4-Carbethoxy-3-phenylcyclohex-2-en-1-one-2,4-dinitrophenylhydrazone	-	Sol	Group freq	Walker	JACS	77 (1955)	3664
$C_{21}H_{20}O$	2,7-Dibenzylidenecycloheptanone	- -	S S	Group freq Group freq	Leonard Leonard	JACS JACS	75 (1953) 77 (1955)	2714 1852
$C_{21}H_{20}O$	dl-2,6-Dibenzylidene-3-methylcyclohexanone	-	-	Ident	Eisenbraum	JACS	77 (1955)	3383
$C_{21}H_{20}O$	2,8-Diphenyl-3,7-methano-9-oxocyclooctene	2-15 μ	S,Sol	Group freq	Allen	JOC	20 (1955)	306
$C_{21}H_{20}O$	Mesityl 1-methyl-2-naphthyl ketone	-	-	Grignard react. prod	Fuson	JOC	16 (1951)	643

	naphthyl ketone							
$C_{21}H_{20}O_2$	Mesityl 1-methoxy-2-naphthyl ketone	-	-	Grignard react. prod	Fuson	JOC	16 (1951)	643
$C_{21}H_{20}O_2$	Mesityl 2-methoxy-1-naphthyl ketone	-	-	Group freq	Fuson	JACS	77 (1955)	3781
$C_{21}H_{20}O_2$	Mesityl 4-methoxy-1-naphthyl ketone	-	-	Group freq	Fuson	JACS	77 (1955)	3781
$C_{21}H_{20}O_6$	1,7-Bis(4-hydroxy-3-methoxyphenyl)-1,6-heptadiene-3,5-dione	-	S	Group freq, Struc, H bond	Bellamy	JCS	- (1952)	4653
$C_{21}H_{20}O_6$	1-(3',4'-Dimethoxyphenyl) -2-carboxy-6,7-dimethoxy-naphthalene	-	Sol	Group freq	Walker	JACS	75 (1953)	3387
$C_{21}H_{20}O_6$	1,5,6-Trimethoxy-2,2'-dimethylpyrano-(5';6'-2:3, or 4:3) xanthone	-	Sol	Group study	King	JCS	- (1953)	3932
$C_{21}H_{20}O_7$	α,α-Di-(3,4-dimethoxy-phenyl)-itaconic anhydride	-	Sol	Freq	Walker	JACS	75 (1953)	3387
$C_{21}H_{20}O_8$	3-Carboxy-4-(3',4',5'-trimethoxyphenyl)-6,7-methylenedioxy-1-tetralone	-	Sol	Band & Group freq	Walker	JACS	75 (1953)	3390
$C_{21}H_{20}O_8$	α-Carboxy-β-(3,4,5-trimethoxystyryl)-tropolone acetate	-	S	Ident, Band & Group	Tarbell	JACS	76 (1954)	2470
$C_{21}H_{20}O_{11}$	Luteolin-7-glucoside	-	L	Freq	Inglett	JOC	23 (1958)	93
$C_{21}H_{20}O_{11}$	Quercitrin	-	L	Freq	Inglett	JOC	23 (1958)	93
$C_{21}H_{21}BrN_4O_8$	2,4-Dinitrophenylhydra-zone-5-bromo-7,8-dimethoxy-2-tetralone-1-acetic acid methyl ester	-	-	Band freq, Struc	Stork	JACS	73 (1951)	4743

$C_{21}H_{21}BrO_8$	6-Bromo-2-naphthyl-triacetyl-β-D-ribopyranoside	5-13 μ	Sol	Spec, Bands	Tsou	JACS	74 (1952)	3066
$C_{21}H_{21}ClNO_4$	Tri-p-tolylaminium-perchlorate	600-3400	S	Spec	Sharp	JCS	- (1957)	4804
$C_{21}H_{21}F_6NAs$	Tri-p-tolylaminium hexafluoroarsenate	600-3400	S	Spec	Sharp	JCS	- (1959)	4804
$C_{21}H_{21}N$	Tribenzylamine	1-12 μ	L	Spec	Bell	JACS	48 (1926)	818
		0.6-2.4 μ	L	Group study	Ellis	JACS	50 (1928)	685
$C_{21}H_{21}N$	Triphenyl-n-propyl-amine	6400-6800	Sol	Group band	Liddel	JACS	55 (1933)	3574
$C_{21}H_{21}N$	Tri-p-tolylamine	700-1700	S	Spec	Kemmitt	JCS	- (1960)	46
$C_{21}H_{21}N$	Tri-p-tolylamine cation	600-3400	S	Spec	Sharp	JCS	- (1960)	4804
$C_{21}H_{21}NO_2S$	N-p-Diphenylyl-N-ethyltoluene-p-sulfonamide	-	S,Sol	Group freq	Boxter	JCS	- (1955)	669
$C_{21}H_{21}NO_3S$	N-p-Diphenylyl-N-2'-hydroxyethyltoluene -p-sulfonamide	-	S,Sol	Group freq	Boxter	JCS	- (1955)	669
$C_{21}H_{21}NO_6$	Adlumine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
$C_{21}H_{21}NO_6 \cdot HCl$	1-(2'-Carboxy-3',4'-dimethoxy-α-hydroxy-benzil lactone)-N-methyl 6,7-methylenedioxy-isoquinoline hydrochloride	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{21}H_{21}NO_6$	N-Ethoxyalylphenaceturic acid benzyl ester	2-8 μ	Sol	Spec, Band freq	Sheehan	JACS	74 (1952)	360
$C_{21}H_{21}NO_6$	Hydrastine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
		-	Sol	Group freq	Wildman	JACS	77 (1955)	1248
		700-5000	S	Group freq	Briggs	AC	29 (1957)	904
$C_{21}H_{21}N_3O_4$	N,N'-Bis(4-benzyl-5-	400-4000	-	Freq	Gaenon	CJC	37 (1959)	119

$C_{21}H_{21}N_7O_2$	N,N'-Bis(4-benzyl-5-pyrazolono)-guanidine	400-4000	-	Freq	Gagnon	CJC	37 (1959)	110
$C_{21}H_{21}O_3P$	Tri-ortho-tolyl-phosphite	870	Sol	Characteristic band	Whiffen	TFS	41 (1945)	200
$C_{21}H_{21}O_3B$	Tricresylborate	670-1800	S	Spec, Freq	Werner	AJC	8 (1955)	355
$C_{21}H_{21}O_4P$	Tricresylphosphate	2-15 μ	L	Spec	Housdroff	APS	5 (1950)	8
		2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{21}H_{21}O_4P$	Tri-m-tolylphosphate	670-1630	L	Spec, Group freq	Bellamy	JCS	- (1952)	475
		-	-	Group freq	Bell	JACS	76 (1954)	5185
$C_{21}H_{21}O_4P$	Tri-o-tolylphosphate	670-1610	L	Spec, Group freq	Bellamy	JCS	- (1952)	475
		-	-	Group freq	Bell	JACS	76 (1954)	5185
		10.35 μ	-	Anal	Recktenwald	AC	31 (1959)	1742
$C_{21}H_{21}O_4P$	Tri-p-tolylphosphate	670-1610	L	Spec, Group freq	Bellamy	JCS	- (1952)	475
		-	-	Group freq	Bell	JACS	76 (1954)	5185
$C_{21}H_{22}NO_3P$	Dibenzyl benzylamino-phosphonate	-	S,Sol	Group freq	Bellamy	JCS	- (1952)	1701
$C_{21}H_{22}NO_3P$	Dibenzyl N-methyl-anilinophosphonate	-	-	Group freq	Bellamy	JCS	- (1952)	1701
		-	-	Group freq	Bell	JACS	76 (1954)	5185
$C_{21}H_{22}N_2O_2$	Neostrychnine	1570-1730	S	Spec, Group & Band freq	Leonard	JACS	76 (1954)	2781
$C_{21}H_{22}N_2O_2 \cdot HCl$	Neostrychnine hydrochloride	1580-1730	S	Spec, Freq	Leonard	JACS	76 (1954)	2781
$C_{21}H_{22}N_2O_2 \cdot HClO_4$	Neostrychnine perchlorate	1580-1730	S	Spec, Freq	Leonard	JACS	76 (1954)	2781
$C_{21}H_{22}N_2O_2$	Strychnine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
		-	S	Band & Group freq	Leonard	JACS	76 (1954)	2781
		-	-	Ident	Woodward	JACS	76 (1954)	4749
		2-8 μ	-	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{21}H_{22}N_2O_3$	2-Acetyl-5-carbethoxy-2,6-dimethyl-4-(4'-quinolinyl)-1,4-dihydropyrididine	-	S	Band freq	Berson	JACS	77 (1955)	444

$C_{21}H_{22}N_2O_3$	N-cyclohexyl-2-benzoyl-3-o-nitrophenyl-azacyclopropane	700-4000	Sol	Spec, Freq	Adelfang	JACS	82 (1960)	4241
$C_{21}H_{22}N_2O_3$	Serpentine	-	-	Ident	Djerassi	JACS	76 (1954)	4463
$C_{21}H_{22}N_2O_8$	Nitrocolchiceine	680-1700	S	Spec, Band freq	Nicholls	JACS	75 (1953)	1104
$C_{21}H_{22}N_4O_4$	9-Keto-4a-methyl-1,2,3,4,4a,9,10,10a-Octahydrophenanthrene,2,4-dinitrophenylhydrazone	-	-	Ident	Barnes	JACS	75 (1953)	303
$C_{21}H_{22}O$	2,6-Diallyl-4-(γ-phenyl-allyl)-phenol	-	-	Band freq	Marvell	JACS	76 (1954)	6165
$C_{21}H_{22}O$	2,8-Diphenyl-3,7-methano-9-oxocyclooctane	2-15μ	Sol	Group study	Allen	JOC	20 (1955)	306
$C_{21}H_{22}O$	Mesityl 1-methyl-3,4-dihydro-2-naphthyl ketone	-	-	Group freq	Fuson	JOC	17 (1952)	881
$C_{21}H_{22}OSi$	Triphenylsilylethyl methyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{21}H_{22}OSi$	Triphenylsilylmethyl ethyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{21}H_{22}O_2$	1-Benzoyl-4-t-butyl-2-tetralone	-	-	Group freq	Fuson	JACS	77 (1955)	3781
$C_{21}H_{22}O_2$	3,7-Dibenzyl-1,2-cycloheptanedione	-	-	Group freq	Leonard	JACS	75 (1953)	2143
$C_{21}H_{22}O_2$	2-Hydroxy-4-t-butyl-3,4-dihydro-1-naphthyl phenyl ketone	-	-	Group freq	Fuson	JACS	77 (1955)	3781
$C_{21}H_{22}O_3Si$	Tri-p-anisylsilane	2-16μ	Sol	Freq	Kniseley	SA	15 (1959)	651

$C_{21}H_{22}O_6$	1-Hydroxy-3-carboxy-4-(3',4'-dimethoxyphenyl)-6,7-dimethoxytetralin lactone	-	Sol	Band freq	Walker	JACS	75 (1953)	3393
$C_{21}H_{22}O_7$	3-Carboxy-4-(3',4'-dimethoxyphenyl)-6,7-dimethoxy-1-tetralone	-	Sol	Group freq	Walker	JACS	75 (1953)	3387
$C_{21}H_{22}O_8$	α-(3,4,5-Trimethoxybenzyl)-γ-(3',4'-methylenedioxyphenyl)-γ-oxobutyric acid	-	-	Reference	Drake	JACS	77 (1955)	1204
$C_{21}H_{22}Si$	Tribenzylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{21}H_{23}NO$	N-cyclohexyl-2-benzoyl-3-phenyl-1-azacyclopropane	700-4000	Sol	Spec, Freq	Adelfrang	JACS	82 (1960)	4241
$C_{21}H_{23}NO$	1-Cyclohexyl-2-(p-phenylbenzoyl) ethylenimine	- 650-4000	S S,Sol	Group freq Group freq, I	Cromwell Cromwell	JOC JACS	17 (1952) 75 (1953)	414 6252
$C_{21}H_{23}NO$	cis-1-cyclohexyl-2-phenyl-3-benzoylethyleneimine	2-16 μ	S	Spec, Group freq	Cromwell	JACS	73 (1951)	1044
$C_{21}H_{23}NO$	trans-cyclohexyl-2-phenyl-3-benzoylethyleneimine	2-16 μ	S	Spec, Group freq	Cromwell	JACS	73 (1951)	1044
$C_{21}H_{23}NO$	1,3-Diphenyl-3-cyclohexylamino-2-propen-1-one	650-3800	S	Table	Cromwell	JACS	71 (1949)	3337
$C_{21}H_{23}NO_5$	β-Homochelidonine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
$C_{21}H_{23}NO_5$	Cryptocavine	-	Sol	Group freq	Marion	JACS	73 (1951)	305
$C_{21}H_{23}NO_5$	Cryptopine	- -	Sol -	Group freq Group freq	Marion Leonard	JACS JACS	73 (1951) 76 (1954)	305 630
$C_{21}H_{23}NO_5$	O^3,O^6-Diacetylmorphine	-	-	Band study	Walsh	JOC	19 (1954)	1409

		680-5000	S	Spec	Manning	APS	10 (1956)	85
$C_{21}H_{23}NO_6$	Colchiceine	1250-1800	Sol	Struc, Spec	Scott	JACS	72 (1950)	240
		6.75-7.25μ	Sol	Spec	Horwitz	JACS	74 (1952)	587
$C_{21}H_{23}N_3O$	5-Methyl-7-(4-phenyl-1-piperazylmethyl)-8-quinolinol	-	-	Struc	Edgerton	JACS	74 (1952)	5209
$C_{21}H_{23}O_2$	3,7-Dibenzylpimeloin	-	-	Group freq	Leonard	JACS	75 (1953)	2143
$C_{21}H_{24}$	4b,9,9,10,10-Pentamethyl-4,9a,9,10-tetrahydro-indeno[1.2-a]indene	-	-	Ident	Barnes	JACS	76 (1954)	5430
$C_{21}H_{24}N_2O_2$	Methylgelsemine	600-3600	S	Spec, Group study	Marion	CJC	35 (1957)	301
$C_{21}H_{24}N_2O_3$	Ajamalicine	-	-	Ident	Neuss	JACS	76 (1954)	3234
		-	-	Ident	Hochstein	JACS	77 (1955)	3551
$C_{21}H_{24}N_2O_3$	Akuammigine	-	Sol,S	Band & Group freq	Robinson	JCS	- (1954)	3479
$C_{21}H_{24}N_2O_3$	Canescic acid lactone	-	-	Group freq	Klohs	JACS	77 (1955)	4084
$C_{21}H_{24}N_2O_3$	Deserpidic acid lactone	-	S	Freq	Mac Phillamy	JACS	77 (1955)	4335
$C_{21}H_{24}N_2O_3$	Tetrahydroalstonine	1490-3670	S,Sol	Spec, Struc, Band freq	Elderfield	JOC	16 (1951)	506
		5.5-10μ	Sol	Spec, Ident	Neuss	JACS	76 (1954)	3234
$C_{21}H_{24}N_2O_3$	py-Tetrahydro-serpentine	2-13μ	S,Sol	Spec, Struc, Group freq	Klohs	JACS	76 (1954)	1332
		-	-	Ident	Neuss	JACS	76 (1954)	3234
$C_{21}H_{24}N_2O_4$	dl-11-Keto-16α,17α-oxido-21-diazoproges-terone	-	-	Band freq	Barkley	JACS	76 (1954)	5017
$C_{21}H_{24}N_2O_4$	Mitraphylline	755-3415	S,Sol	Struc	Seaton	CJC	36 (1958)	1031
$C_{21}H_{24}N_2O_5$	Colchiceineamide	2-16μ	Sol,L	Spec, Freq	Horwitz	JACS	74 (1952)	587
$C_{21}H_{24}N_2O_5$	Isocolchiceineamide	2-16μ	Sol,L	Spec, Freq	Horwitz	JACS	74 (1952)	587

$C_{21}H_{24}N_2O_6$	Aminocolchiceine	680-1700	S	Spec, Band freq	Nicholls	JACS	75 (1953)	1104
$C_{21}H_{24}N_3B$	Tri(methylphenylamino) boron	2-15 μ	L	Freq, Assign	Aubrey	JCS	- (1960)	5239
$C_{21}H_{24}N_3B_3$	B-Trimethyl-N-triphenyl-borazole	-	Sol	Struc	Watanabe	SA	16 (1960)	78
$C_{21}H_{24}O$	2,2-Diphenyl-4,8-dimethyl -3-oxabicyclo[3.3.0] octane	-	Sol	Group absorption	Mc Elvane	JACS	77 (1955)	1599
$C_{21}H_{24}O$	2-Phenylcyclooctyl phenyl ketone	-	-	Group freq	Cope	JACS	75 (1953)	3208
$C_{21}H_{24}O$	α-n-Propylbenzalaceto-mesitylene	-	-	Group freq	Fuson	JOC	18 (1953)	1263
$C_{21}H_{24}O_2$	1,3-Dimesityl-2-propen--2-ol-1-one	-	S	Band freq, I	Fuson	JACS	75 (1953)	5952
$C_{21}H_{24}O_3Si_3$	2,4,6-Trimethyl-triphenylcyclo-trisiloxane	2-16 μ	Sol	Spec	Young	JACS	70 (1948)	3758
$C_{21}H_{24}O_4$	Galcatin	700-5000	L	Group freq	Briggs	AC	29 (1957)	904
$C_{21}H_{24}O_6$	1-(3',4'-Dimethoxyphenyl) -6,7-dimethoxy-2-carboxytetralin	-	-	Band study, Freq	Walker	JACS	75 (1953)	3387
$C_{21}H_{24}O_7$	Gibberllic acid acetate	-	S,Sol	Group freq	Cross	JCS	- (1954)	4670
$C_{21}H_{24}Si_2$	Diphenyl-p-trimethyl-silylphenylsilane	2-16 μ	Sol	Freq	Kniseley	SA	15 (1959)	651
$C_{21}H_{25}FO$	Duryl 2-fluoro-4-t-butylphenyl ketone	-	-	Group absorption	Fuson	JACS	76 (1954)	5119
$C_{21}H_{25}NO_4$	12-(2'-Cyanoethyl)-1,2,3-4,9,10,11,12-octahydro-4, 9-diketophenanthrene 4,9-bisethylene glycol ketal	-	-	Group study	Ginsberg	JCS	- (1953)	1524

$C_{21}H_{25}NO_4$	d-Glaucine	-	S	Band freq	Wildman	JACS	77 (1955)	1248
$C_{21}H_{25}NO_4 \cdot HCl$	l-Tetrahydropalmatin hydrochloride	-	S	Band freq	Wildman	JACS	77 (1955)	1248
$C_{21}H_{25}NO_5$	1-N-Acetylcolchinol methyl ether	2-16 μ	Sol	Spec, Ident	Rapoport	JACS	73 (1951)	1414
		-	Sol	Iso	Rapoport	JACS	77 (1955)	670
$C_{21}H_{25}NO_5$	N-Acetylisocolchinol methyl ether	-	Sol	Compar with 7-amino n-compd.	Rapoport	JACS	77 (1955)	670
$C_{21}H_{26}$	p,p'-Hexamethylene-1,3-diphenylpropane	3-12 μ	Sol	Spec	Cram	JACS	73 (1951)	5691
$C_{21}H_{26}BrNO$	3-Oxa-4,4-diphenylquinolizidine methbromide	2-8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{21}H_{26}N_2O_2$	Demethylaspidospermine	6.12-10.75 μ	Sol	Freq, I, Struct	Witkop	JACS	76 (1954)	5603
$C_{21}H_{26}N_2O_2$	N-Methyldihydrogelsemine	-	-	Ident, Struc	Witkop	JACS	75 (1953)	2572
$C_{21}H_{26}N_2O_2$	Spermostrychnine	-	-	Freq	Anet	JCS	- (1955)	2253
$C_{21}H_{26}N_2O_3$	N-Benzyl-α-morpholino-β-hydroxy-γ-phenylbutyramide	- 1500-3500	S	Assign, Struct	Cromwell	JACS	80 (1958)	4573
$C_{21}H_{26}N_2O_3$	α-Yohimbine	1490-3600	Sol	Spec	Elderfield	JOC	16 (1951)	506
		-	Sol	Group freq	Marion	JACS	73 (1951)	305
		-	S	Ident	Bader	JACS	76 (1954)	1695
		-	-	Ident	Hochstein	JACS	77 (1955)	3551
		-	-	Group freq	Huebner	JACS	77 (1955)	469
		-	-	Ident	Mac Phillamy	JACS	77 (1955)	1071
		-	-	Ident	Mac Phillamy	JACS	77 (1955)	4335
$C_{21}H_{26}N_2O_4$	Canescic acid	-	-	Ident	Klohs	JACS	77 (1955)	4084
$C_{21}H_{26}N_2O_4$	Deserpidic acid	-	-	Ident	Mac Phillamy	JACS	77 (1955)	4335
$C_{21}H_{26}N_2O_5$	1-(3',4'-Dimethoxyphenyl)-2-Carboxy-6,7-dimethoxy-tetralin hydrazide	-	Sol	Band freq	Walker	JACS	76 (1954)	3999

	tetralin hydrazide							
$C_{21}H_{26}N_6O_7S$	3,5'-cyclo-6-dimethyl-amino-9-(3'-carbobenzoxy-amino-3'-deoxy-β-D-ribofuranosyl)-purine methanesulfonate	-	S	Group freq	Baker	JACS	77 (1955)	15
$C_{21}H_{26}O$	1,1-Dimesityl-1-propen-2-ol	-	-	Group study	Fuson	JACS	68 (1946)	389
$C_{21}H_{26}O$	Duryl p-t-butylphenyl ketone	-	-	Group freq	Fuson	JACS	76 (1954)	911
$C_{21}H_{26}O_2$	2-Allyloestrone	2-12 μ	S	Group freq	Patton	CIL	- (1960)	1567
$C_{21}H_{26}O_2$	4-Allyloestrone	2-12 μ	S	Group freq	Patton	CIL	- (1960)	1567
$C_{21}H_{26}O_2$	3,5-Dimethyl-2,6-diphenyl-4-ethyl-4-tetrahydropyranol	-	-	Ident	Duke	JACS	77 (1955)	1675
$C_{21}H_{26}O_2$	Duryl 2-hydroxy-4-t-butylphenyl ketone	-	-	Group freq	Fuson	JACS	77 (1955)	3781
$C_{21}H_{26}O_2$	α-[2-(1-Hydroxyethyl)-5-methylcyclopentyl] benzohydrol	-	Sol	Group freq, Spec	Mc Elvane	JACS	77 (1955)	1599
$C_{21}H_{26}O_2$	3-Methoxy-17-acetyl-$\Delta^{1,3,5(10),16}$-estratetraene	-	S	Band freq, Group study	Sondheimer	JACS	76 (1954)	2230
$C_{21}H_{26}O_2$	2'-Methoxy-2,4,4,7,4'-pentamethylflavan	800-1100	S	Crystalline behaviour	Wood	N	173 (1954)	1149
$C_{21}H_{26}O_2$	α-n-Propyl-β-hydroxy-β-phenylpropiomesitylene	-	-	Group freq	Fuson	JOC	18 (1953)	1263
$C_{21}H_{26}O_3$	Anhydromarrubiin	-	Sol	Group freq	Cocker	JCS	- (1953)	2540
$C_{21}H_{26}O_3$	Methyl dl-3-keto-$\Delta^{4,9:11,16}$-etiocholatrnate	- 2-16 μ	- Sol	Spec, Ident Spec	Woodward Woodward	JACS JACS	73 (1951) 74 (1952)	2403 4223

$C_{21}H_{26}O_3$	$\Delta^{4,9(11),16}$-Pregnatrien-21-ol-3,20-dione	-	S	Band & Group freq	Albu	JACS	77 (1955)	1028
$C_{21}H_{26}O_4$	$\Delta^{5,13(17a)}$-Etiojervadiene-3β-ol-11,17-dione acetate	-	S	Band freq	Fried	JACS	75 (1953)	4929
$C_{21}H_{26}O_4$	8-Hydroxy-3,20-diketo-Δ^4-pregnen-19-oic acid lactone	1000-1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{21}H_{26}O_4$	Libocedroquinone	2.5-15μ	-	Group freq	Zavarin	JOC	20 (1955)	788
$C_{21}H_{26}O_4$	16α,17α-Oxido-4-pregnene-3,11-trione	-	-	Group freq	Peterson	JACS	77 (1955)	4428
$C_{21}H_{26}O_4$	$\Delta^{4,16}$-Pregnadien-21-ol--3,11,20-trione	-	S	Band freq, Group freq	Allen	JACS	77 (1955)	1028
$C_{21}H_{26}O_5$	8,21-Dihydroxy-3,20-diketo-Δ^4-17α-pregnen-19-oic acid 8:19 lactone	1000-1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{21}H_{26}O_5$	17α,21-Dihydroxy-14-pregnadiene-3,11,20-trione	2.5-3.5μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
$C_{21}H_{26}O_6$	Norquassin	-	S	Group study	Hanson	JCS	- (1954)	4238
$C_{21}H_{26}O_{11}$	Anisatin triacetate	2-16μ	S	Spec	Jane	JACS	74 (1952)	3211
$C_{21}H_{27}NO$	Methadone	-	-	Spec, Synthesis	Sletzinger	JACS	74 (1952)	5619
$C_{21}H_{27}NO$	Isomethadone	-	-	Spec, Synthesis	Sletzinger	JACS	74 (1952)	5619
$C_{21}H_{27}NO.HCl$	dl-Methadone hydrochloride	650-5000	S	Spec	Manning	APS	10 (1956)	85
$C_{21}H_{27}NO_5$	Tetrahydrodemethoxy-colchicine	2-14μ	S	Spec, Struc	Rapoport	JACS	76 (1954)	3693
$C_{21}H_{27}NO_6$	Tetrahydrocolchiceine	1250-1800	Sol	Struc, Spec	Scott	JACS	72 (1950)	240
$C_{21}H_{29}N_3O_2$	Formyldeacetyl-	-	-	Group freq, I, Struct	Witkop	JACS	76 (1954)	5603

$C_{21}H_{27}N_2O_2$	Formyldeacetyl-aspidospermine	-	-	Group freq, I, Struct	Witkop	JACS	76 (1954)	5603
$C_{21}H_{28}D_4O_2$	Δ^5-Pregnenol-3β-one-20-$-d_4$-17,21	1300-1500	Sol	Struc	Jones	JACS	74 (1952)	5662
$C_{21}H_{28}INO_3$	1-o-Methylarmepavine methiodide	-	S	Ident	Kidd	JCS	- (1954)	669
$C_{21}H_{28}N_2$	N-(1-Piperidino-isopropyl)-N-phenyl-benzylamine	-	-	Spec	Larizza	GCI	90 (1960)	848
$C_{21}H_{28}N_2O$	N-Methyldeacetylaspidos-permine	-	-	Ident, Freq, I	Witkop	JACS	76 (1954)	5603
$C_{21}H_{28}O$	4,5-Dihydro-p-t-butylphenyl duryl ketone	-	-	Band & Group freq, Struc	Fuson	JACS	76 (1954)	911
$C_{21}H_{28}O_2$	2-t-Butyl-4-hydroxy-2,3-dihydrophenyl duryl ketone	-	-	Group freq	Fuson	JACS	76 (1954)	5466
$C_{21}H_{28}O_2$	6-t-Butyl-4-keto-1-cyclohexenyl duryl ketone	-	-	Group freq	Fuson	JACS	76 (1954)	5466
$C_{21}H_{28}O_2$	9,11-Dehydroprogesterone	-	-	Group freq	Ruff	JCS	- (1953)	3683
		-	Sol	Band freq, Group study	Rosenkrauz	JACS	76 (1954)	2227
$C_{21}H_{28}O_2$	2,2'-Dihydroxy-5,5'-di-t-butyldiphenylmethane	3100-3700	S,Sol	Assign, Spec	Richards	JCS	- (1947)	1260
$C_{21}H_{28}O_2$	Duryl 2-hydroxy-4-t-butyl-3,4-dihydrophenyl ketone	-	-	Group freq	Fuson	JACS	77 (1955)	3781
$C_{21}H_{28}O_2$	Δ^4-17α-Ethynylandrostenol-17β-one-3	-	Sol	Group freq, Struc	Jones	JACS	74 (1952)	2820
$C_{21}H_{28}O_2$	$\Delta^{1,3,5:10}$-3-Methoxy-17-acetylestratriene	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{28}O_2$	3-Methoxy-17β-acetyl-$-\Delta^{1,3,5(10)}$-estratriene	-	Sol	Ident	Sondheimer	JACS	76 (1954)	2230

$C_{21}H_{28}O_2$	$\Delta^{4,6}$-Pregnadienedione-3,20	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		752-1326	Sol	Table	Jones	JACS	77 (1955)	651
$C_{21}H_{28}O_2$	$\Delta^{4,7}$-Pregnadiene-3,20-dione	670-3800	S	Spec, Ident	Antonucci	JOC	17 (1952)	1369
$C_{21}H_{28}O_2$	$\Delta^{4,11}$-Pregnadiene-dione-3,20	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
$C_{21}H_{28}O_2$	$\Delta^{4,16}$-Pregnadiene-dione-3,20	-	Sol	Group freq, Struc	Jones	JACS	74 (1952)	2820
		-	-	Group freq	Meister	JACS	75 (1953)	55
$C_{21}H_{28}O_3$	Allopregn-16-ene-3,12,20-trione	-	S	Ident	Collow	JCS	- (1955)	1671
		-	S	Group freq	James	JCS	- (1955)	637
$C_{21}H_{28}O_3$	$\Delta^{9:11}$-Allopregnene-trione-3,12,20	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{28}O_3$	$\Delta^{4,9(11)}$-Androstadiene-3,17-dione 17-ethylene ketal	-	S	Group freq	Bernstein	JOC	19 (1954)	41
$C_{21}H_{28}O_3$	3-Ethoxy-$\Delta^{3,5}$-androstadiene-11,17-dione	-	S	Group freq	Bernstein	JOC	18 (1953)	1166
$C_{21}H_{28}O_3$	11α-Hydroxy-6-dehydroprogesterone	-	-	I, Group study	Peterson	JACS	75 (1953)	419
$C_{21}H_{28}O_3$	$\Delta^{1,4}$-3-Ketoetio-allocholadienic acid, methyl ester	-	Sol	Group freq	Jones	JACS	74 (1952)	5648
$C_{21}H_{28}O_3$	$\Delta^{1,4}$-3-ketoetiocholadienic acid, methyl ester	1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		-	Sol	Group freq	Jones	JACS	72 (1950)	956
		660-1380	Sol	Spec	Jones	JACS	77 (1955)	651
$C_{21}H_{28}O_3$	11-Ketoprogesterone	600-3900	L	Spec	Peterson	JACS	74 (1952)	1871
		-	S	Group freq, Ident	Bladou	JCS	- (1952)	2921

		-	-	Anal, Ident	Magerlein	JACS	75 (1953)	3654
		-	-	Ident	Hanze	JACS	76 (1954)	3179
		-	Sol	Ident	Johns	JACS	76 (1954)	5026
		-	-	Spec, Ident	Poos	JACS	76 (1954)	5031
$C_{21}H_{28}O_3$	dl-11-keto-13α-progesterone	-	S	Freq	Arth	JACS	77 (1955)	3834
$C_{21}H_{28}O_3$	dl-11-keto-14β-progesterone	-	Sol	Freq	Arth	JACS	77 (1955)	3834
$C_{21}H_{28}O_3$	$\Delta^{1,3,5:10}$-3-Methoxy-17-carbomethoxyestratriene	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{28}O_3$	$\Delta^{1,3,5:10}$-1-Methylestratrienediol-3,17β-acetate-17	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{28}O_3$	$\Delta^{1,3,5:10}$-1-Methyl-3-methoxy-17-carboxy-estratriene	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{28}O_3$	16,17-Oxidoprogesterone	1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
$C_{21}H_{28}O_3$	6-Oxoprogesterone	-	Sol	Group freq	Amendolla	JCS	- (1954)	1226
$C_{21}H_{28}O_3$	$\Delta^{4,16}$-Pregnadien-21-ol-3,20-dione	-	S	Band & Group freq	Allen	JACS	77 (1955)	1028
$C_{21}H_{28}O_3$	Δ^4-Pregnentrione-3,11,20	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
$C_{21}H_{28}O_4$	6β-Acetoxy-Δ^4-androstene-3,17-dione	-	Sol	Group freq	Amendolla	JCS	- (1954)	1226
		-	-	Ident	Eppstein	JACS	76 (1954)	3174
$C_{21}H_{28}O_4$	17β-Acetoxy-Δ^4-androstene--3,16-dione	-	S	Group freq, Band freq	Meyer	JACS	76 (1954)	3033
		-	Sol	Struc	Bellamy	JCS	- (1957)	861
$C_{21}H_{28}O_4$	Δ^4-Androsten-2α-ol-3,17-dione acetate	-	Sol	Band freq	Rosenbrang	JACS	77 (1955)	145
$C_{21}H_{28}O_4$	Δ^4-Androsten-11α-ol-3,17-dione acetate	-	S	Group freq	Bernstein	JOC	19 (1954)	41

$C_{21}H_{28}O_4$	Δ^4-Androstenol-17β-dione -3,6 acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{28}O_4$	Δ^4-Androsten-17β-ol-3,11-dione acetate	-	S	Group freq	Bernstein	JOC	18 (1953)	1166
$C_{21}H_{28}O_4$	Δ^5-Androsten-3β-ol-7,17-dione acetate	698-1318	Sol	Table	Jones	JACS	77 (1955)	651
$C_{21}H_{28}O_4$	dl-Dehydrocorticosterone	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
		-	-	Band freq	Poss	JACS	76 (1954)	5031
		2-15 μ	S	Spec	Hayden	AC	27 (1955)	1486
$C_{21}H_{28}O_4$	dl-$\Delta^{5,14}$-3-Ethylene-dioxyandrostadiene 11β-ol-16-one	-	S	Band freq	Sarett	JACS	75 (1953)	2112
$C_{21}H_{28}O_4$	dl-3-Ethylenedioxy-5-androstene-11,16-dione	-	S	Freq	Arth	JACS	77 (1955)	3834
$C_{21}H_{28}O_4$	16α,17α-Epoxy-5α-pregnane-3,12,20-trione	-	-	Anal	Mueller	JACS	77 (1955)	143
$C_{21}H_{28}O_4$	Δ^5-13ξ,17aξ-Etiojervine-3β-ol-11,17-dione acetate	-	S	Group freq	Fried	JACS	75 (1953)	4929
$C_{21}H_{28}O_4$	11α-Hydroxy-16α,17α-oxidoprogesterone	-	-	Group indic	Peterson	JACS	77 (1955)	4428
$C_{21}H_{28}O_4$	17α-Hydroxy-Δ^4-pregnene-3,6,20-trione	-	-	Group freq, Struc	Meister	JACS	75 (1953)	416
$C_{21}H_{28}O_4$	17α-Hydroxy-Δ^4-pregnene-3,11,20-trione	-	Sol	Ident	Meister	JACS	75 (1953)	416
$C_{21}H_{28}O_4$	Marrubiin	753-3440	S,Sol	Freq, Struct	Cocker	JCS	- (1953)	2540
$C_{21}H_{28}O_4$	$\Delta^{1,4}$-Pregnadiene-11β, 21-diol-3,20-dione	-	S	Group freq	Nobile	JACS	77 (1955)	4184

$C_{21}H_{28}O_4$	$\Delta^{1,4}$-Pregnadiene-17α, 21-diol-3,20-dione	-	S	Group freq	Nobile	JACS	77 (1955)	4184
$C_{21}H_{28}O_4$	$\Delta^{4,7}$-Pregnadiene-17α, 21-diol-3,20-dione	-	S	Band freq	Antonucci	JACS	76 (1954)	2956
$C_{21}H_{28}O_4$	$\Delta^{4,9(11)}$-Pregnadiene-17α, 21-diol-3,20-dione	-	S	Group freq	Bernstein	JACS	75 (1953)	4830
$C_{21}H_{28}O_4$	$\Delta^{4,16}$-Pregnadiene-11β, 21-diol-3,20-dione	-	S	Band freq, Group freq	Allen	JACS	77 (1955)	1028
$C_{21}H_{28}O_5$	11β,21-Dihydroxy-3,20 -diketo-4-pregnene-18 -al	- 2-12μ -	S,Sol Sol S,Sol	Band freq Spec, H bond Group freq, Struc	Harman Simpson Ham	JACS HCA JACS	76 (1954) 37 (1954) 77 (1955)	5035 1163 1637
$C_{21}H_{28}O_5$	Cortisone	700-3900 2.5-3.5μ	- Sol	Spec Group study	Jones Kabasakalian	CIC AC	2 (1950) 31 (1959)	94 375
$C_{21}H_{28}O_5$	2β,4b-Dimethyl-2-acetonyl -7-ethylenedioxy-1,2,3,4, 4aα,4b,5,6,7,8,10,10aβ- dodecahydrophenanthrene -1,4-dione	-	S	Band freq	Sarett	JACS	75 (1953)	2112
$C_{21}H_{28}O_5$	Dimethyl marrianolate methyl ether-16-C^{14}	-	-	Ident	Levitz	JACS	75 (1953)	5352
$C_{21}H_{28}O_5$	9α,11α,17α-Dioxido- -allopregnan-3β-ol -7,20-dione	-	Sol	Band freq	Djerassi	JACS	75 (1953)	3505
$C_{21}H_{28}O_5$	17-Hydroxy-11-dehydro- corticosterone (compound E)	2-15μ	S	Spec	Hayden	AC	27 (1955)	1486
$C_{21}H_{28}O_5$	Methyl 3,18-diketo- 11:18-epoxy-5α- etianate	2-12μ	Sol	Spec	Simpson	HCA	37 (1954)	1200

$C_{21}H_{28}O_5$	16α,17α-Oxido-Δ^8-allopregnene-3β,11α-diol-7,20-dione	-	S	Band freq, Group study	Djerassi	JACS	75 (1953)	3505
$C_{21}H_{28}O_5$	11β,17α,21-Trihydroxy-1,4-pregnadiene-3,20-dione	2.5-3.5 μ	Sol	Struc	Kabasakalian	AC	31 (1959)	375
$C_{21}H_{28}O_5$	17,20β,21-Trihydroxy-1,4-pregnadiene-3,11-dione	2.5-3.5 μ	Sol	Struc	Kabasakalian	AC	31 (1959)	375
$C_{21}H_{28}O_6$	4b-Methyl-2-acetyl-7-ethylenedioxy-1,2,3,4,4aα,4b,5,6,7,8,10,10aβ-dodecahydrophenanthrene-4β-ol-1-one acetate	-	S	Group freq	Lukes	JACS	75 (1953)	1707
$C_{21}H_{28}O_6$	Δ^4-Pregnene-2α,17α,21-triol-3,11,20-trione	-	S	Band freq, Group study	Rosenkrang	JACS	77 (1955)	145
$C_{21}H_{28}O_6$	Δ^4-Pregnene-3,11,20-trione-6β,17α,21-triol	-	S	Band freq, Group study	Sondheimer	JACS	76 (1954)	5020
$C_{21}H_{28}O_8$	2,4-Dicarbethoxy-3-(3',4'-dimethoxyphenyl)-5-hydroxy-5-methyl-cyclohexanone	-	Sol	Group freq	Walker	JACS	77 (1955)	3664
$C_{21}H_{29}BrO_2$	4-Bromoprogesterone	1550-1800	S	Spec, Substitution effect	Meda	SA	13 (1958)	75
$C_{21}H_{29}BrO_2$	6-Bromoprogesterone	-	Sol	Band freq	Sondheimer	JACS	75 (1953)	4712
$C_{21}H_{29}BrO_3$	Δ^1-2-Bromo-3-ketoetio-allocholenic acid, methyl ester	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{29}BrO_3$	Δ^4-2-Bromo-3-keto-etioallocholenic acid, methyl ester	- -	Sol Sol	Group freq Group freq	Jones Jones	JACS JACS	72 (1950) 74 (1952)	956 5648

$C_{21}H_{29}BrO_3$	4-Bromopregnane-3,11, 20-trione	-	-	Group freq	Holysz	JACS	75 (1953)	4432
$C_{21}H_{29}BrO_3$	4-Bromotestosterone acetate	1550-1800	S	Spec, Substitution effect	Meda	SA	13 (1958)	75
$C_{21}H_{29}ClO_2$	4-Chloroprogesterone	1550-1800	S	Spec, Substitution effect	Meda	SA	13 (1958)	75
$C_{21}H_{29}ClO_3$	21-chloro-Δ^4-pregnene -3,20-dione-17α-ol	-	-	Ident	Djerassi	JACS	75 (1953)	3700
$C_{21}H_{29}ClO_3$	4-Chlorotestosterone acetate	1550-1800	S	Spec, Substitution effect	Meda	SA	13 (1958)	75
$C_{21}H_{29}ClO_4$	4-Chloro-17α-hydroxy-pregnane-3,11,20-trione	-	-	Ident	Levin	JACS	76 (1954)	546
$C_{21}H_{29}FO_2$	4-Fluoroprogesterone	1550-1800	-	Substitution effect, Spec	Meda	SA	13 (1958)	75
$C_{21}H_{29}FO_3$	4-Fluorotestosterone acetate	1550-1800	S	Spec, Substitution effect	Meda	SA	13 (1958)	75
$C_{21}H_{29}FO_5$	9α-Fluorohydrocortisone	-	S	Group freq	Fried	JACS	76 (1954)	1455
$C_{21}H_{29}IN_2O_2$	Ajmaline methiodide	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{21}H_{29}IN_2O_2$	Isoajmaline methiodide	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{21}H_{29}NO_2$	6-t-Butyl-4-keto-1-cyclohexenyl duryl ketone-4-oxime	-	-	Group freq	Fuson	JACS	76 (1954)	5466
$C_{21}H_{29}NO_4$	Hexahydrodemethoxy-desoxycolchicine	2-14 μ	S	Spec, Struc	Rapaport	JACS	76 (1954)	3693
$C_{21}H_{29}NO_6$	Hexahydrocolchiceine	1250-1800	Sol	Struc, Spec	Scott	JACS	72 (1950)	240
$C_{21}H_{30}BrIO_3$	2-Iodo-4-bromoandrostanol -17β-one-3$\cdot$acetate	-	Sol	Group freq	Jones	JACS	74 (1952)	5648

$C_{21}H_{30}Br_2O_3$	2,2-Dibromoandrostanol--17β-one-3 acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
$C_{21}H_{30}Br_2O_3$	2,4-Dibromoandrostanol -17β-one-3 acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{30}Br_2O_3$	2,2-Dibromo-3-ketoetio-allocholanic acid, methyl ester	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{30}Br_2O_3$	2,4-Dibromo-3-ketoetio-allocholanic acid methyl ester	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
$C_{21}H_{30}N_2O$	Deoxydihydro-N-methyl-isoajmaline	-	S	Group freq	Anet	JCS	- (1954)	1242
$C_{21}H_{30}N_2O_4$	Di-(5-ethoxycarbonyl-3-ethyl-4-methyl-2-pyrryl) methane	500-4000	Sol,S	Spec, Struc, Freq	Eisner	JCS	- (1958)	971
$C_{21}H_{30}O$	4,5-Dehydroretro-vitamin A methyl ether	2-16 μ	-	Spec, Group freq	Oroshnik	JACS	75 (1953)	1050
$C_{21}H_{30}O$	$\Delta^{(2 \text{ or } 3),11}$-Pregnadie-none-20	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{30}O$	1-(2',6',6'-Trimethyl-cyclohex-2'-en-1'-ylidene)-3,7-dimethyl -9-methoxy-2,4,5,7-nonatetraene	2-16 μ	-	Spec, Group freq	Oroshnik	JACS	75 (1953)	1050
$C_{21}H_{30}O_2$	$\Delta^{3,5}$-Androstadienol -17α acetate	1580-3100	Sol	Group study	Jones	JACS	72 (1950)	86
		-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{30}O_2$	Cannabidiol	-	Sol	Struc	Adams	JACS	62 (1940)	732
$C_{21}H_{30}O_2$	17-Ethynyl-Δ^5-androstene -3β,17β-diol	650-1350	Sol	Discussion	Jones	JACS	80 (1958)	6121
$C_{21}H_{30}O_2$	Methyl 3,11-diketo-5α-etianate	2-12 μ	Sol	Spec	Simpson	HCA	37 (1954)	1200
$C_{21}H_{30}O_2$	17α,20-Oxido-Δ^1-	-	Sol	Freq	Batres	JACS	77 (1955)	4155

$C_{21}H_{30}O_2$	17α,20-Oxido-Δ^4-pregnen-3-one	-	Sol	Freq	Batres	JACS	77 (1955)	4155
$C_{21}H_{30}O_2$	Δ^4-Pregnenedione-3,20	-	Sol	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		2.5-15 μ	S	Microspectroscopy	Blout	JOSA	41 (1951)	547
		-	Sol	Group band	Jones	JACS	74 (1952)	80
		1500-3700	Sol	Band freq, Struc	Jones	JACS	74 (1952)	5648
		-	Sol	Group freq, Struc	Jones	JACS	74 (1952)	5648
		-	-	Ident, Group freq	Fujimoto	JACS	75 (1953)	3259
		-	Sol	Ident	Amendolla	JCS	- (1954)	1226
		1600-1800	Sol	Group freq	Fuson	JACS	76 (1954)	2526
		683-1329	Sol	Group study	Jones	JACS	77 (1955)	651
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
		-	-	IR discussed	Morcillo	ARS	53B (1957)	145
		1550-1800	S	Spec, Group freq	Meda	SA	13 (1958)	75
$C_{21}H_{30}O_2$	Δ^5-Pregnenedione-3,20	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{21}H_{30}O_2$	$\Delta^{5,6}$-Pregnadienol-3β-one-20	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		-	Sol	Group freq, Struc	Cole	JACS	74 (1952)	5571
		-	-	Group & Band freq	Cards	JACS	75 (1953)	5416
$C_{21}H_{30}O_2$	Δ^7-Pregnene-3,20-dione	-	S	Group freq, Ident	Velasco	JOC	18 (1953)	92
$C_{21}H_{30}O_2$	$\Delta^{9(11)}$-Pregnene-3,20-dione	-	-	Ident	Heryog	JACS	76 (1954)	930
		-	Sol	Band freq, Ident, Group study	Rosenkranz	JACS	76 (1954)	2227
$C_{21}H_{30}O_2$	Δ^{11}-Pregnenedione-3,20	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{30}O_2$	Δ^{16}-Pregnenedione-3,20	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		-	-	Ident	Scheer	JACS	77 (1955)	641
		-	-	Ident, Group freq	Wall	JACS	77 (1955)	1230
$C_{21}H_{30}O_2$	Δ^4-Urenedione-3,11	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{30}O_2$	Δ^4-17-Vinylandrostenol-17α-one-3	-	Sol	Assign	Jones	JACS	70 (1948)	2024
		2800-3700	-	Spec	Jones	CIC	2 (1950)	94

		1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		1628-1728	Sol	Band study	Jones	JACS	74 (1952)	80
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		676-1328	Sol	Group study	Jones	JACS	77 (1955)	651
$C_{21}H_{30}O_2S$	Δ^4-Androstene-3,17-dione -17-ethylenehemithio-ketal	-	-	Band freq	Romo	JACS	73 (1951)	4961
$C_{21}H_{30}O_2S$	Δ^4-Androstene-3,17-dione -3-oxathiolane	-	-	Group freq	Herzog	JACS	75 (1953)	4425
$C_{21}H_{30}O_2S$	Dehydroisoandrosteryl thioacetate	670-3700	S	Spec	Bernstein	JOC	16 (1951)	679
$C_{21}H_{30}O_3$	3β-Acetoxy-Δ^{14}-androstenone	2.5-15 μ	Sol	Spec, Band freq	Hirschmann	JACS	74 (1952)	5357
$C_{21}H_{30}O_3$	$\Delta^{8,11}$-Allopregnadiene -3β,20β-diol-7-one	-	S	Group freq	Romo	JACS	74 (1952)	2918
$C_{21}H_{30}O_3$	$\Delta^{8:14,15}$-Allopregnadiene -3β,20β-diol-7-one	-	S	Band freq, Group study	Lemin	JACS	75 (1953)	1745
$C_{21}H_{30}O_3$	Allopregnane-3,6,20-trione	-	Sol	Group freq	Amendolla	JCS	- (1954)	1226
		950-1350	Sol	Band study, Struc	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{30}O_3$	Allopregnane-3,15,20-trione	-	-	Ident	Djerassi	JACS	77 (1955)	3673
$C_{21}H_{30}O_3$	$\Delta^{8(9)}$-Allopregnene-7,20-dione-3β-ol	-	S	Freq, Group study	Djerassi	JACS	73 (1951)	4496
$C_{21}H_{30}O_3$	Δ^4-Androstene-3,17-dione-3-dioxolane	-	-	Group freq	Heryog	JACS	75 (1953)	4425
		-	-	Ident	Johnson	JACS	77 (1955)	817
$C_{21}H_{30}O_3$	Δ^2-Androsten-3-ol-17-one acetate	700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152

$C_{21}H_{30}O_3$	Δ^4-Androstenol-17α-one-3 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	-	Ident	Sondheimer	JACS	75 (1953)	4712
		-	Sol	Table	Jones	JACS	77 (1955)	651
$C_{21}H_{30}O_3$	Δ^4-Androstenol-17β-one-3 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
		683-1330	Sol	Table	Jones	JACS	77 (1955)	651
		700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{30}O_3$	Δ^5-Androstenol-3β-one-17 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		11.9-12.7μ	S,Sol	Band spec	Hirschmann	JACS	74 (1952)	5357
		-	Sol	Group band	Jones	JACS	74 (1952)	80
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		712-1288	Sol	Table	Jones	JACS	77 (1955)	651
		700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{30}O_3$	$\Delta^{9:11}$-Androstenol-3α-one-17 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
		2.5-15μ	Sol	Spec, Group freq	Hirschmann	JACS	74 (1952)	5357
$C_{21}H_{30}O_3$	Δ^{11}-Androstenol-3α-one-17 acetate	2.5-13μ	Sol	Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
		-	Sol	Freq	Page	JCS	- (1955)	2017
$C_{21}H_{30}O_3$	11-Deoxycorticosterone compound"Q"	2-15μ	S	Spec	Hayden	AC	27 (1955)	1486
$C_{21}H_{30}O_3$	Δ^4-20,21-Epoxy-pregnenol-17α-one-3	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{21}H_{30}O_3$	16,17α-Epoxy-Δ^5-pregnenol-3β-one-20	2-15μ	Sol	Spec, Steroids	Tarpley	AC	24 (1952)	315
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
$C_{21}H_{30}O_3$	$\Delta^{9:11}$-Etiocholenol-3α-one-17 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{21}H_{30}O_3$	2α-Hydroxyprogesterone	-	-	Group freq	Clarke	JACS	77 (1955)	661
$C_{21}H_{30}O_3$	6β-Hydroxyprogesterone	-	Sol	Group freq	Amendolla	JCS	- (1954)	1226
$C_{21}H_{30}O_3$	11α-Hydroxy-17α-progesterone	-	-	Group freq	Meister	JACS	75 (1953)	55

$C_{21}H_{30}O_3$	11β-Hydroxyprogesterone	-	S	Group freq	Shull	JACS	77 (1955)	763
$C_{21}H_{30}O_3$	17α-Hydroxyprogesterone	-	-	Ident	Meister	JACS	75 (1953)	416
		-	Sol	Ident	Djerassi	JACS	77 (1955)	3826
$C_{21}H_{30}O_3$	19-Hydroxyprogesterone	-	Sol	Group freq	Barber	JOC	19 (1954)	1758
$C_{21}H_{30}O_3$	Δ^1-3-ketoetioallocholenic acid, methyl ester	1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		-	Sol	Table, Group freq	Jones	JACS	74 (1952)	5648
		744-1270	Sol	Table	Jones	JACS	77 (1955)	651
$C_{21}H_{30}O_3$	17-Methyl-D-homoandrostanetrione-3,11,17a	-	Sol	Table, Group freq	Jones	JACS	74 (1952)	5648
$C_{21}H_{30}O_3$	Methyl 3-keto-Δ^4-etiocholenate	2-12μ	Sol	Spec, Ident	Woodward	JACS	74 (1952)	4223
$C_{21}H_{30}O_3$	Methyl vinhaticoate	-	-	Band freq, Group freq	Haworth	JCS	- (1955)	1983
$C_{21}H_{30}O_3$	Monohydroxyprogesterone	1000-1500	-	Spec	Heller	ZN	14b (1959)	298
$C_{21}H_{30}O_3$	16α,17α-Oxidopregnane-3,20-dione	-	Sol	Band freq	Mancera	JACS	75 (1953)	1286
$C_{21}H_{30}O_3$	Pregnanetrione-3,11,20	1700	Sol	Freq, Anal, Struc	Jones	JACS	71 (1949)	241
		-	Sol	Band study	Jones	JACS	74 (1952)	80
		-	Sol	Table, Group freq	Jones	JACS	74 (1952)	5648
		-	Sol	Band freq, Group freq	Mancera	JACS	75 (1953)	1286
		-	-	Ident	Peterson	JACS	75 (1953)	419
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{30}O_3$	Pregnanetrione-3,12,20	-	Sol	Group band study	Jones	JACS	74 (1952)	80
$C_{21}H_{30}O_3$	Δ^4-Pregnene-3,20-dione-11α-ol	-	-	Band freq	Mancera	JOC	17 (1952)	1066
		-	-	Ident	Peterson	JACS	74 (1952)	5933
		-	-	Ident	Fieser	JACS	75 (1953)	4377
		-	-	Group freq	Meister	JACS	75 (1953)	55
$C_{21}H_{30}O_3$	Δ^4-Pregnenol-11β-dione-3,20	-	Sol	Group study	Rosenkrantz	JOC	17 (1952)	290

$C_{21}H_{30}O_3$	Δ^4-Pregnen-16α-ol-3,20-dione	-	S	Group freq	Pertman	JACS	74 (1952)	2126
		-	Sol	Band freq	Bernstein	JACS	76 (1954)	5674
$C_{21}H_{30}O_3$	Δ^4-Pregnenol-17α-dione-3,20	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
		2.5-3.5 μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
$C_{21}H_{30}O_3$	Δ^4-17-Isopregnenol-17β-dione-3,20	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
$C_{21}H_{30}O_3$	Δ^4-Pregnenol-21-dione-3,20	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		1500-1800	Sol	Band freq, Struc, Spec	Jones	JACS	74 (1952)	2820
		7.5-13.5 μ	S,L, Sol	Spec, Band freq	Rosenkrantz	AC	25 (1953)	1025
		-	S	Band freq	Bernstein	JACS	77 (1955)	2233
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
		2.5-3.5 μ	Sol	Group study	Kabasakolian	AC	31 (1959)	375
$C_{21}H_{30}O_3$	Uranetrione-3,11,20	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{30}O_4$	17β-Acetoxyandrostane-3,6-dione	-	-	Struc	Eppstein	JACS	76 (1954)	3174
$C_{21}H_{30}O_4$	3β-Acetoxy-16-hydroxy-16:17-seco-Δ^5-androsten-17-oic acid lactone	1000-1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{21}H_{30}O_4$	3β-Acetoxy-17-hydroxy-16:17-seco-Δ^5-androsten-16-oic acid lactone	1000-1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{21}H_{30}O_4$	Allopregnane-17α-ol-3,11,20-trione	950-1350	S,Sol	Struc	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{30}O_4$	Δ^7-Allopregnene-17α,21-diol-3,20-dione	-	S	Band freq	Antonucci	JACS	76 (1954)	2956

$C_{21}H_{30}O_4$	Androstanol-3α-dione 11,17 acetate	1700	Sol	Freq, Struct	Jones	JACS	71 (1949)	241
$C_{21}H_{30}O_4$	Δ^4-Androstene-11β, 17β-diol-3-one 17-acetate	-	S	Group freq	Bernstein	JOC	18 (1953)	1166
$C_{21}H_{30}O_4$	5:6 α,16 α:17 α-Diepoxy-3β-hydroxyallopregnan-20-one	-	-	Group freq	Fudge	JCS	- (1954)	958
$C_{21}H_{30}O_4$	11α,21-Dihydroxy-4-pregnene-3,20-dione	-	-	Distinct from corticosterone	Eppstein	JACS	75 (1953)	408
$C_{21}H_{30}O_4$	11β,21-Dihydroxy-4-pregnene-3,20-dione	-	Sol	Band freq, Spec, Struc	Jones	JACS	74 (1952)	2820
		-	-	Ident	Eppstein	JACS	75 (1953)	408
		7.5-13.2 μ	S,L	Spec, Band freq	Rosenkrantz	AC	25 (1953)	1025
		-	Sol	Ident	Toub	JACS	76 (1954)	4094
		-	S	Band freq, I	Bernstein	JACS	77 (1955)	2331
		2-15 μ	S	Spec	Hayden	AC	27 (1955)	1486
		-	S	Group freq	Shull	JACS	77 (1955)	763
$C_{21}H_{30}O_4$	17α,21-Dihydroxy-4-pregnene-3,20-dione	2.5-3.5 μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
$C_{21}H_{30}O_4$	Dihydroxyprogesterone	1000-1050	-	Spec	Heller	ZN	14b (1959)	298
$C_{21}H_{30}O_4$	6β,17α-Dihydroxy-progesterone	-	Sol	Ident	Meister	JACS	75 (1953)	416
		-	S	Group freq	Amendolla	JCS	- (1954)	1226
$C_{21}H_{30}O_4$	11α,17α-Dihydroxy-progesterone	-	-	Purity	Meister	JACS	75 (1953)	416
		-	-	Band freq, Ident	Romo	JACS	75 (1953)	1277
		-	-	Ident	Peterson	JACS	77 (1955)	4428
$C_{21}H_{30}O_4$	11β,17α-Dihydroxy-progesterone	-	S	Group freq	Shull	JACS	77 (1955)	763
$C_{21}H_{30}O_4$	5α,6α-Epoxyandrostanol-3β-one-17 acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{30}O_4$	5β,6β-Epoxyandrostanol-3β-one-17 acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956

$C_{21}H_{30}O_4$	5α,6α-Epoxyetiocholanol-3β-one-17 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{21}H_{30}O_4$	5β,6β-Epoxyetiocholanol-3β-one-17 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{21}H_{30}O_4$	Etiocholanol-3α-dione-11,17 acetate	1700	Sol	Freq, Struct	Jones	JACS	71 (1949)	241
		770-3730	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{30}O_4$	Δ^5-13ξ,17aξ-Etiojervine-3β,17ξ-diol-11-one-3-acetate	-	S	Group freq	Fried	JACS	75 (1953)	4929
$C_{21}H_{30}O_4$	Δ^{13}-5ξ,17aξ-Etiojervine-3β,17ξ-diol-11-one-3-acetate	-	S	Group freq	Fried	JACS	75 (1953)	4929
$C_{21}H_{30}O_4$	17β-Hydroxyandrost-5-ene-3,16-dione-3-ethylene ketal	-	Sol	Stearic study	Bellamy	JCS	- (1957)	861
$C_{21}H_{30}O_4$	17-Hydroxy-11-deoxycorticosterone	2-15 μ	S	Spec	Hayden	AC	27 (1955)	1486
$C_{21}H_{30}O_4$	6β-Hydroxy-11-desoxycorticosterone	-	-	Ident	Eppstein	JACS	75 (1953)	408
$C_{21}H_{30}O_4$	8β-(9α)-Hydroxy-desoxycorticosterone	-	Sol	Group freq	Stone	JACS	77 (1955)	3926
$C_{21}H_{30}O_4$	19-Hydroxy-11-desoxy-corticosterone	-	Sol	Group freq	Barber	JOC	19 (1954)	1758
$C_{21}H_{30}O_4$	17aβ-Hydroxymethyl-D--homo-Δ^4-androsten-17aα-ol-3,17-dione	-	Sol	Band freq, Group study	Batres	JACS	76 (1954)	5171
$C_{21}H_{30}O_4$	2α-Hydroxytestosterone-17-monoacetate	-	-	Group freq, Struc	Clarke	JACS	77 (1955)	661
		-	Sol	Band freq, Group study	Rosenkrantz	JACS	77 (1955)	145
$C_{21}H_{30}O_4$	6β-Hydroxytestosterone-17-monoacetate	-	Sol	Band freq, Group study	Romo	JOC	19 (1954)	1509

$C_{21}H_{30}O_4$	16α,17α-Oxidoallopregnan-11α-ol-3,20-dione	-	-	Band freq, Group study	Romo	JACS	75 (1953)	1277
$C_{21}H_{30}O_4$	Pregnanol-17α-trione-3,11,20	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
		950-1350	S,Sol	Struc	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{30}O_4$	Δ^4-Pregnenediol-6β,11α-dione-3,20	-	-	Ident, Group study	Peterson	JACS	74 (1952)	5933
$C_{21}H_{30}O_4$	Δ^4-Pregnene-11β,20β-diol-3-one-21-al	-	S	Group freq	Toub	JACS	76 (1954)	4094
$C_{21}H_{30}O_5$	Adhumulone	2.5-15 μ	Sol	Struc	Regby	JACS	77 (1955)	2828
$C_{21}H_{30}O_5$	Allopregnane-17α,21-diol-3,11,20-trione	950-1350	S,Sol	Struc	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{30}O_5$	2β,4b-Dimethyl-2-acetonyl-7-ethylenedioxy-1,2,3,4,4aα,4b,5,6,7,8,10,10aβ-dodecahydrophenanthrene-4β-ol-1-one	-	S	Band freq	Sarett	JACS	75 (1953)	2112
$C_{21}H_{30}O_5$	Humulone	2-10 μ	S	Spec, Group freq, H bond	Harris	JCS	- (1952)	1906
		2.5-15 μ	Sol	Group freq	Rigby	JACS	77 (1955)	2828
$C_{21}H_{30}O_5$	17α-Hydroxycorticosterone compound F	700-3500	-	Spec	Jones	CIC	2 (1950)	94
		-	-	Spec, Ident	Callingsworth	JACS	74 (1952)	2831
		2-15 μ	-	Spec	Hayden	AC	27 (1955)	1486
		-	-	Group freq	Shull	JACS	77 (1955)	763
$C_{21}H_{30}O_5$	Isohumulone	2-12 μ	Sol	Spec, Iso	Carson	JACS	74 (1952)	4615
		2.5-15 μ	Sol	Struc, Freq	Rigby	JACS	77 (1955)	2828
$C_{21}H_{30}O_5$	11-epi-Hydrocortisone	-	-	Ident	Bernstein	JACS	75 (1953)	1481
$C_{21}H_{30}O_5$	Methyl 3β-hydroxy-3α,9α-oxido-11-ketoetiocholanate	-	-	Freq	Heymann	JACS	73 (1951)	4045
		-	-	Ident	Hirschmann	JACS	75 (1953)	2361

$C_{21}H_{30}O_5$	16α,17α-Oxidoallopregnane-3β,11α-diol-7,20-dione	-	Sol	Band freq, Group study	Djerassi	JACS	75 (1953)	3505
$C_{21}H_{30}O_5$	16α,17α-Oxidoallopregnane-3β,12β-diol-11,20-dione	-	Sol	Group freq	Martiney	JACS	75 (1953)	239
$C_{21}H_{30}O_5$	Pregnane-17α,21-diol-3,11,20-trione	950-1350	S,Sol	Struc	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{30}O_5$	Δ^4-Pregnene-2α,17α,21-triol-3,20-dione	-	S	Band freq, Group study	Rosenkrantz	JACS	77 (1955)	145
$C_{21}H_{30}O_5$	Δ^4-Pregnene-3,20-dione-6β,17α,21-triol	-	-	Struc	Peterson	JACS	75 (1953)	412
		-	S	Band freq, Group study	Soudheimer	JACS	76 (1954)	5020
$C_{21}H_{30}O_5$	Δ^4-Pregnene-11α,17α,21-triol-3,20-dione	2-15 μ	S	Spec, Group freq, Struc	Antonucci	JOC	18 (1953)	70
		-	S	Reference	Cords	JACS	75 (1953)	5416
		-	-	Ident, Struc	Peterson	JACS	75 (1953)	412
		-	-	Group study	Romo	JACS	75 (1953)	1277
		-	S	Band freq, Group study	Soudheimer	JACS	75 (1953)	1282
$C_{21}H_{30}O_5$	17α,20α,21-Trihydroxy-4-pregnene-3,11-dione	2.5-3.5 μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
$C_{21}H_{30}O_5$	17α,20β,21-Trihydroxy-4-pregnene-3,11-dione	2.5-3.5 μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
$C_{21}H_{30}O_5$	Trihydroxyprogesterone	1000-1150	-	Spec	Heller	ZN	14b (1959)	298
$C_{21}H_{30}O_5$	Δ^4-Pregnene-11β,17α,21-triol-3,20-dione	2-15 μ	S	Spec, Group freq	Antonucci	JOC	18 (1953)	70
		2.5-3.5 μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
$C_{21}H_{30}O_7$	Methyl 3-oxo-5,(11),14,19-tetrahydroxy-Δ^1-14β-etienate	-	-	Struc	Florey	JOC	19 (1954)	1174
$C_{21}H_{30}O_8$	Alternaric acid	760-1560	S	Spec, Group freq	Grove	JCS	- (1952)	4056
$C_{21}H_{30}O_8 \cdot H_2O$	Alternaric acid monohydrate	-	S	Band freq, Spec,	Grove	JCS	- (1952)	4056

$C_{21}H_{31}D_3O_2$	Androstanol-3α acetate-d_3	-	Sol	Freq	Jones	JACS	74 (1952)	5662
$C_{21}H_{31}D_3O_2$	Androstanol-3β acetate-d_3	-	Sol	Freq	Jones	JACS	74 (1952)	5662
$C_{21}H_{31}D_3O_2$	Androstanol-17β acetate-d_3	-	Sol	Freq	Jones	JACS	74 (1952)	5662
$C_{21}H_{31}BrO_3$	2-Bromo-3-keto-etioallocholanic acid, Methyl ester	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{31}BrO_3$	21-Bromopregnanol-17α-dione-3,20	- -	Sol Sol	Band freq, Struc Band study, Group freq	Jones Jones	JACS JACS	74 (1952) 74 (1952)	2820 2828
$C_{21}H_{31}ClO_2$	21-Chloroallopregnane-3,20-dione	-	Sol	Band freq	Djerassi	JACS	75 (1953)	3700
$C_{21}H_{31}ClO_3$	4-Chlorotestan-17β-ol-3-one acetate	-	Sol	Band freq	Beereboom	JACS	75 (1953)	3500
$C_{21}H_{31}ClO_4$	5-Chloroisoandrolo-lactone acetate	700-4000	S	Spec, H bond, Struc	Gual	SA	13 (1958)	248
$C_{21}H_{31}NO$	Staphisine	2-13 μ	S	H bond	Dasgupta	JICS	32 (1955)	767
$C_{21}H_{31}NO_6$	Oxoisoatisinedi-carboxylic acid	-	-	Ident	Pelletier	JACS	76 (1954)	4496
$C_{21}H_{31}O_2$	Δ^4-17α-Vinylandrostenol-17β-one-3	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
$C_{21}H_{32}O$	Δ^2-Allopregnen-20-one	920-1291	Sol	Table	Jones	JACS	77 (1955)	651
$C_{21}H_{32}O$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-2-enylidene)-nona-2,4-cis-6-trien-9-ol methyl ether	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719

$C_{21}H_{32}O$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-2-enylidene)-nona-2,4-trans-6-trien-9-ol methyl ether	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{21}H_{32}O$	17-Ethynylandrostan-17β-ol	3100-3400	S	Ident, Freq	Filler	CIL	- (1957)	1322
$C_{21}H_{32}O$	1,2,3,4,9,10,11,12-Octahydro-7-methoxy-1,1,12-trimethyl-8-isopropylphenanthrene	700-4000	L	Spec, Group freq, Struc	Short	JCS	- (1951)	2979
$C_{21}H_{32}O$	$\Delta^{5,17:20}$-Pregnadienol-3β	-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
$C_{21}H_{32}O$	5-Pregnenolone	-	-	IR discussed	Morcillo	ARS	53B (1957)	145
$C_{21}H_{32}O$	Δ^{5}-Pregnen-20-one	-	S,Sol	Group & Band freq,	Daus	JACS	75 (1953)	3840
$C_{21}H_{32}O$	5β-Pregnen-20-one	2-15 μ	-	Struc	Casu	GCI	90 (1960)	1147
$C_{21}H_{32}O$	3,7,11,15-Tetramethyl-hexadeca-3,5-cis-7,9,11,14-hexaen-1-ol methyl ether	2-16 μ	S	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{21}H_{32}O$	3,7,11,15-Tetramethyl-hexadeca-3,5-trans-7,9,11,14-hexaen-1-ol methyl ether	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{21}H_{32}O$	Vitamin A methyl ether	2-16 μ	-	Spec, Ident	Oroshnik	JACS	76 (1954)	5499
$C_{21}H_{32}O$	α-Vitamin A methyl ether	2-16 μ	-	Spec, Ident	Oroshnik	JACS	76 (1954)	5499
$C_{21}H_{32}O_2$	Allopregnanedione-3,20	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Group band study	Jones	JACS	74 (1952)	80

		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		950-1350	S,Sol	Struc	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{32}O_2$	$\Delta^{9:11}$-Allopregnenol-3β-one-20	-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
$C_{21}H_{32}O_2$	Δ^{16}-Allopregnenol-3β-one-20	-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
$C_{21}H_{32}O_2$	Δ^{16}-Androstenol-3α acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		2.5-13μ	Sol	Spec, Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
		-	Sol	Freq	Page	JCS	- (1955)	2017
$C_{21}H_{32}O_2$	Δ^{5}-Androstenol-3β acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{32}O_2$	Δ^{16}-Androsten-17-ol acetate	700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{32}O_2$	Δ^{4}-17-Ethylandrostenol-17α-one-3	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Freq, Group study	Batres	JACS	77 (1955)	4155
$C_{21}H_{32}O_2$	17-Ethylenedioxy-Δ^{2}-androstene	-	Sol	Group absorption	Iriarte	JOC	20 (1955)	542
$C_{21}H_{32}O_2$	Δ^{16}-Etiocholenol-3α acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{32}O_2$	Δ^{16}-Etiocholenol-3β acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{32}O_2$	3β-Hydroxy-$\Delta^{17:20}$-cis pregnenone-11	2.5-15μ	Sol	Spec, Band freq	Hirschmann	JACS	74 (1952)	5357
$C_{21}H_{32}O_2$	Methyl abietate	1300-1800	-	Spec	Barnes	IEC	15 (1943)	659
		2-15μ	L	Spec	Kendall	APS	7 (1953)	179

$C_{21}H_{32}O_2$	17aβ-Methyl-D-homoandrostane-3,17-dione	-	Sol	Group freq	Ramirey	JACS	77 (1955)	134
$C_{21}H_{32}O_2$	3-Methyl-1-(2,6,6-trimethylcyclohex-2-enylidene)-nona-2,4-cis-dien-6-ol acetate	2-16μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{21}H_{32}O_2$	3-Methyl-1-(2,6,6-trimethylcyclohex-2-enylidine)nona-2,4-trans-dien-6-ol acetate	2-16μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{21}H_{32}O_2$	3-Methyl-1-(2,6,6-trimethylcyclohex-2-enylidine)nona-2-cis, 4-trans-dien-6-ol acetate	2-16μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{21}H_{32}O_2$	$\Delta^{2,5(10)}$-19-nor-3-Methoxy-20-hydroxy-pregnadiene	-	-	Group band	Miramontes	JACS	73 (1951)	3540
		-	-	Group band	Djerassi	JACS	75 (1953)	4440
$C_{21}H_{32}O_2$	Pregnanedione-3,20	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		700-1380	Sol	Spec	Jones	JACS	77 (1955)	651
		-	-	Ident	Slomp	JACS	77 (1955)	1216
		950-1350	S,Sol	Struc	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{32}O_2$	Δ^4-Pregnen-20β-ol-3-one	-	Sol	Band freq, Group study	Scndheimer	JACS	75 (1953)	5930
$C_{21}H_{32}O_2$	Δ^5-Pregnenol-3β-one-20	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
		1657-1757	Sol	Band study	Jones	JACS	74 (1952)	80
		-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
		1300-1500	Sol	Spec, Group freq	Jones	JACS	74 (1952)	5648
		1300-1500	Sol	Spec, Group freq	Jones	JACS	74 (1952)	5662
		2-15μ	Sol	Spec	Tarpley	AC	24 (1952)	315
		-	-	Group freq	Daus	JACS	75 (1953)	3840

		-	S,Sol	Group freq	Turner	JACS	75 (1953)	4362
		-	Sol	Ident	Saba	JACS	76 (1954)	3862
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
		650-1350	Sol	Spec	Jones	JACS	80 (1958)	6121
		2.5-3.5 μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
$C_{21}H_{32}O_2$	Δ^7-Pregnen-3α-ol-20-one	-	S	Group freq, Group study	Velasco	JOC	18 (1953)	92
$C_{21}H_{32}O_2$	Δ^{11}-Pregnenol-3α-one-20	-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
$C_{21}H_{32}O_2$	Δ^{11}-Pregnenol-3β-one-20	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{21}H_{32}O_2$	Δ^{16}-Pregnenol-3α-one-20	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
		-	Sol	Group freq, Struc	Jones	JACS	74 (1952)	2820
$C_{21}H_{32}O_2$	1-(2',6',6'-Trimethyl-cyclohexen-1'-yl)-3-hydroxy-3,7-dimethyl-9-methoxy-1,4,5,7-nonatetraene	2-16 μ	-	Spec, Group freq	Oroshnik	JACS	75 (1953)	1050
$C_{21}H_{32}O_2$	1-(2',6',6'-Trimethyl-cyclohexen-1'-yl)-3-hydroxy-3,7-dimethyl-9-methoxy-1,7-nonadien-4-yne	2-16 μ	-	Spec, Group freq	Oroshnik	JACS	75 (1953)	1050
$C_{21}H_{32}O_2$	Uranedione	1700	Sol	Freq, Struc, Anal	Jones	JACS	71 (1949)	241
$C_{21}H_{32}O_2S$	Testosterone ethylene hemithioketal	-	Sol	Band freq	Djerassi	JACS	75 (1953)	3704
$C_{21}H_{32}O_3$	Allopregnanol-11α-dione-3,20	-	-	Band freq	Mancera	JOC	17 (1952)	1066
		-	-	Ident	Peterson	JACS	74 (1952)	5933
		-	-	Ident, Anal	Eppstein	JACS	75 (1953)	421
		-	-	Ident	Mancera	JACS	75 (1953)	1286
$C_{21}H_{32}O_3$	Allopregnan-17α-ol-3,20-dione	950-1350	S,Sol	Struc, Band study	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{32}O_3$	Allopregnanol-21-dione	-	Sol	Band freq	Djerassi	JACS	75 (1953)	3700

$C_{21}H_{32}O_3$	Allopregnanol-21-dione -3,20	-	Sol	Band freq	Djerassi	JACS	75 (1953)	3700
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{32}O_3$	Δ^7-Allopregnene-3β,17α-diol-20-one	-	S	Freq, Group study	Pataki	JACS	74 (1952)	3436
$C_{21}H_{32}O_3$	Androstanol-3α-one-17 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Band study, I, Stereo study	Jones	JACS	73 (1951)	3215
		-	Sol	Group band study	Jones	JACS	74 (1952)	80
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		2.5-13 μ	Sol	Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
		-	Sol	Band freq	Iriarate	JOC	20 (1955)	542
		822-1290	Sol	Table	Jones	JACS	77 (1955)	651
		-	Sol	Freq	Page	JCS	- (1955)	2017
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		700-1400	Sol	Band study, Struc	Jones	JACS	78 (1956)	1152
$C_{21}H_{32}O_3$	Androstanol-3β-one-17 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Band study, I, Stereo study	Jones	JACS	73 (1951)	3215
		2.5-15 μ	Sol	Spec, Band freq	Hirschmann	JACS	74 (1952)	5357
		-	Sol	Band freq	Barnes	JCS	- (1953)	571
		-	-	Ident	Leeds	JACS	76 (1954)	2265
		710-1292	Sol	Table	Jones	JACS	77 (1955)	651
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		700-1400	Sol	Band study, Struc	Jones	JACS	78 (1956)	1152
$C_{21}H_{32}O_3$	Androstanol-17α-one -3 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{21}H_{32}O_3$	Androstanol-17β-one-3 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Band freq, Ident	Beereboom	JACS	75 (1953)	3500
		700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{32}O_3$	Δ^5-Androstenediol-3β, 17α-acetate-3	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{21}H_{32}O_3$	Δ^5-Androstenediol-3β,17α-acetate-17	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571

		1687-1787	Sol	Band study	Jones	JACS	74 (1952)	80
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
$C_{21}H_{32}O_3$	3α,9α-Epoxypregnanol-20-one-11	1713	Sol	Anal, Absorption freq	Jones	JACS	71 (1949)	241
$C_{21}H_{32}O_3$	16α,17α-Epoxyallopregnanol-3β-one-20	-	Sol	Freq, Stereo study	Cole	JACS	74 (1952)	5571
		-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
$C_{21}H_{32}O_3$	Etiocholanol-3α-one-17 acetate	2700-4000	Sol	Spec, Assign	Jones	JACS	70 (1948)	2024
		1195-1275	Sol	Band study, I, Stereo study	Jones	JACS	73 (1951)	3215
		2.5-13 μ	Sol	Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
		708-1170	Sol	Table	Jones	JACS	77 (1955)	651
		-	Sol	Freq	Page	JCS	- (1955)	2017
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		700-1400	Sol	Band study, Ident, Spec	Jones	JACS	78 (1956)	1152
$C_{21}H_{32}O_3$	Etiocholanol-3β-one-17 acetate	-	-	Assign	Jones	JACS	70 (1948)	2024
		1195-1275	Sol	Band study, I, Stereo study	Jones	JACS	73 (1951)	3215
		708-1171	Sol	Table	Jones	JACS	77 (1955)	651
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{32}O_3$	Etiocholan-17β-ol-3-one acetate	-	Sol	Table	Jones	JACS	77 (1955)	651
		700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{32}O_3$	Δ^5-3β-Hydroxyetiocholenic acid, methyl ester	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	Sol	Freq, Stereo study	Cole	JACS	74 (1952)	5571
$C_{21}H_{32}O_3$	Δ^{11}-3α-Hydroxyetiocholenic acid, methyl ester	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
$C_{21}H_{32}O_3$	Methyl 3-ketoetioallocholanate	2-12 μ	S	Spec, Ident	Woodward	JACS	74 (1952)	4223
$C_{21}H_{32}O_3$	Methyl 13β-methyl-12-nor-3-oxo-11β,14α-abieta-4-en-15-ate	-	S	Group freq	Subluskey	JACS	76 (1954)	3512
$C_{21}H_{32}O_3$	3α,20α-Oxido-17-	-	Sol	Group freq	Iriarte	JOC	20 (1955)	542

$C_{21}H_{32}O_3$	2α,3α-Oxido-17-ethylenedioxy-androstane	-	Sol	Group freq	Iriarte	JOC	20 (1955)	542
$C_{21}H_{32}O_3$	Pregnanol-3α-dione-11,20	1700	Sol	Freq, Struc, Anal	Jones	JACS	71 (1949)	241
		-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		-	Sol	Band freq, Group study	Mancera	JACS	75 (1953)	1286
		2.5-13 μ	Sol	Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
		770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{32}O_3$	Pregnan-11α-ol-3,20-dione	-	Sol	Band freq, Group study	Mancera	JACS	75 (1953)	1286
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{32}O_3$	11β-Pregnanol-3,20-dione	-	Sol	Group freq	Rosenkrantz	JOC	17 (1952)	290
$C_{21}H_{32}O_3$	Pregnan-17α-ol-3,20-dione	-	Sol	Band freq	Mancera	JACS	75 (1953)	1286
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{32}O_3$	Δ^4-Pregnene-3β,6β-diol-20-one	-	Sol	Group freq	Amendolla	JCS	- (1954)	1226
$C_{21}H_{32}O_3$	Δ^5-Pregnene-3β,16α-diol-20-one	-	S	Band freq	Bernstein	JACS	76 (1954)	5674
$C_{21}H_{32}O_3$	Δ^5-Pregnenediol-3β,21-one-20	-	-	Assign	Jones	JACS	70 (1948)	2024
		1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
$C_{21}H_{32}O_3$	"Steviol" methyl ester	2-15 μ	Sol	Spec, Group freq	Mosettig	JOC	20 (1955)	884
$C_{21}H_{32}O_3$	"Isosteviol" methyl ester	2-15 μ	Sol	Spec, Group freq	Mosettig	JOC	20 (1955)	884
$C_{21}H_{32}O_3$	dl-Testosterone-3-ketal	-	-	Ident	Johnson	JACS	77 (1955)	817
$C_{21}H_{32}O_4$	3α-Acetoxy-13-hydroxy-13:17-seco-androstan-17-oic acid lactone	1000-1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242

$C_{21}H_{32}O_4$	3β-Acetoxy-13-hydroxy-13;17-seco etiocholan-17-oic acid lactone	1000-1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{21}H_{32}O_4$	Allopregnane-3β,17α-diol-11,20-dione	-	S	Band freq, Group study	Pataki	JACS	74 (1952)	5615
		-	S	Group freq	Barton	JCS	- (1954)	747
$C_{21}H_{32}O_4$	Allopregnanediol-3β,21-dione-11,20	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
$C_{21}H_{32}O_4$	Allopregnane-11α,17α-diol-3,20-dione	-	-	Band freq, Group study	Romo	JACS	75 (1953)	1277
$C_{21}H_{32}O_4$	Allopregnane-11β,21-diol-3,20-dione	950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{32}O_4$	Allopregnane-17α,21-diol-3,20-dione	950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{32}O_4$	Δ^8-Allopregnene-3β,11α,20β-triol-7-one	-	S	Freq	Stork	JACS	73 (1951)	3546
		-	S	Freq, Group study	Djerassi	JACS	75 (1953)	3505
$C_{21}H_{32}O_4$	Androstane-3β,11β-diol-17-one-3-acetate	770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{32}O_4$	Δ^5-Androstene-11α,17β-diol-3-one ethylene ketal	-	S	Group freq	Bernstein	JOC	18 (1953)	1166
$C_{21}H_{32}O_4$	11β,17α-Dihydroxy-pregnane-3,20-dione	-	-	Ident	Olwito	JACS	77 (1955)	3564
$C_{21}H_{32}O_4$	Etiocholanediol-3α,11β-one-17 acetate-3	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{32}O_4$	Etiocholanolo-lactone acetate-3β	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{32}O_4$	3α-Hydroxy-11-ketoetio-cholanic acid methyl ester	1700	Sol	Freq, Struct	Jones	JACS	71 (1949)	241
		-	Sol	Freq	Cole	JACS	74 (1952)	5571
$C_{21}H_{32}O_4$	Isoandrololactone acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	-	Ident	Leeds	JACS	76 (1954)	2265

		700–4000	S	Spec, Freq, H bond	Gual	SA	13 (1958)	248
		1000–1900	Sol	Spec, Freq	Jones	JACS	81 (1959)	5242
$C_{21}H_{32}O_4$	16α,17α-Oxidoallo-pregnane-3α,11α-diol-20-one	–	–	Band freq	Romo	JACS	75 (1953)	1277
$C_{21}H_{32}O_4$	Pregnane-3α,17α-diol-11, 20-dione	–	–	Ident	Hahze	JACS	76 (1954)	3179
		770–3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{32}O_4$	Pregnane-5α,21 -diol -3,20-dione	–	S	Band freq, Ident	Bernstein	JACS	77 (1955)	2233
$C_{21}H_{32}O_4$	Pregnane-17α,21-diol-3,20-dione	950–1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{32}O_4$	Δ^4-Pregnene-3β,6β,17α-triol-20-one	–	S	Group freq	Amendolla	JCS	– (1954)	1226
$C_{21}H_{32}O_4$	Δ^4-Pregnene-3β,6β,21-triol-20-one	–	Sol	Group freq	Amendolla	JCS	– (1954)	1226
$C_{21}H_{32}O_5$	Allopregnane-3α,17α,21-triol-11,20-dione	770–3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{32}O_5$	Allopregnane-3β,11α,17α-triol-7,20-dione	–	Sol	Band freq, Group study	Djerassi	JACS	75 (1953)	3505
$C_{21}H_{32}O_5$	Allopregnane-3β,17α,21-triol-11,20-dione	770–3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{32}O_5$	3α,7α-Dihydroxy-12-keto-etiocholanic acid methyl ester	1900	Sol	Absorption freq, Struc, Anal	Jones	JACS	71 (1949)	241
$C_{21}H_{32}O_5$	Pregnane-3α,17α,21-triol-11,20-dione	770–3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{32}O_5$	Pregnane-5α,6β,21-triol-3,20-dione	–	S	Band freq	Bernstein	JACS	77 (1955)	2233

$C_{21}H_{32}O_5$	4-Pregnene-11,17,20, 21-tetrol-3-one	-	-	Spec, Struc	Huang-Minlon	JACS	74 (1952)	1562
$C_{21}H_{32}O_5$	11α,17α,21-Trihydroxy-allopregnane-3,20-dione	-	-	Iso	Peterson	JACS	75 (1953)	412
$C_{21}H_{32}O_5$	11α,17α,21-Trihydroxy-pregnane-3,20-dione	-	-	Ident	Peterson	JACS	75 (1953)	412
$C_{21}H_{32}O_6$	Pregnane-5α,11β,17α,21-tetrol-3,20-dione	-	S	Band freq	Bernstein	JACS	77 (1955)	2233
$C_{21}H_{32}O_8$	Methyl 5-oxo-1β,5,(11), 14,19-Pentahydroxy-14β-etianate	-	-	Struc	Florey	JOC	19 (1954)	1174
$C_{21}H_{33}BrO$	17-Bromoallopregnanone -20	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
$C_{21}H_{33}BrO$	17α-Bromoallo-pregnanone-20	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2828
$C_{21}H_{33}BrO_3$	4β-Bromotestane-3α,17β-diol-17-acetate	-	-	Band freq	Fieser	JACS	75 (1953)	4837
$C_{21}H_{33}BrO_3$	4β-Bromotestane-3β, 17β-diol-17-acetate	-	-	Band freq	Fieser	JACS	75 (1953)	4837
$C_{21}H_{33}BrO_3$	21-Bromopregnanediol-3α,17α-one-20	- -	Sol Sol	Band freq, Struc Band freq	Jones Jones	JACS JACS	74 (1952) 74 (1952)	2820 2828
$C_{21}H_{33}ClO_3$	4-Chlorotestane-3,17β-diol 17-acetate	-	Sol	Band freq	Beereboom	JACS	75 (1953)	3500
$C_{21}H_{33}N$	N,N-Dimethyl-dehydroabietane-1-amine	-	-	Group study	Zeiss	JACS	75 (1953)	5935
$C_{21}H_{34}N_6$	N-(Dodecyl) Phenylmelamine	2-16 μ	S	Spec, Struc, Assign	Pedgett	JACS	80 (1958)	803
$C_{21}H_{34}O$	Allopregnanone-3	- 760-1310	Sol Sol	Group freq Table	Jones Jones	JACS JACS	72 (1950) 77 (1955)	956 651

$C_{21}H_{34}O$	Allopregnanone-20	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	Sol	Group freq, Band study	Jones	JACS	74 (1952)	2828
		-	-	Group study	Cardwell	JCS	- (1953)	361
		-	-	Band freq, Ident	Daus	JACS	75 (1953)	3840
		920-1290	Sol	Table	Jones	JACS	77 (1955)	651
		950-1350	S,Sol	Band study	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{34}O$	3α-Hydroxy-$\Delta^{17:20}$-trans-pregnene	2.5-15 μ	Sol	Spec, Band freq	Hirschmann	JACS	74 (1952)	5357
$C_{21}H_{34}O$	Δ^5-Pregnan-3β-ol	650-1350	Sol	Generalisations	Jones	JACS	80 (1958)	6121
$C_{21}H_{34}O$	Pregnanone-7	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		1660-1760	Sol	Band width	Jones	JACS	74 (1952)	80
		-	Sol	Group freq, Band study	Jones	JACS	74 (1952)	2828
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
$C_{21}H_{34}O$	Pregnanone-12	-	Sol	Absorption freq, Anal struc	Jones	JACS	71 (1949)	241
		1755-1655	Sol	Band study	Jones	JACS	74 (1952)	80
		-	Sol	Group freq, Band study	Jones	JACS	74 (1952)	2828
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
$C_{21}H_{34}OS$	Androstan-17-one ethylene hemithioketal	-	Sol	Band freq	Djerassi	JACS	75 (1953)	3704
$C_{21}H_{34}O_2$	Allopregnanol-3α-one-20	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
		-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
		-	Sol	Group freq, Band study	Jones	JACS	74 (1952)	2828
		-	Sol	Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
		770-3700	Sol	Group freq, Struc	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Generalisations	Jones	JACS	80 (1958)	6121
$C_{21}H_{34}O_2$	Allopregnanol-3β-one-20	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
		-	Sol	Band freq, Ident	Mancera	JACS	75 (1953)	1286
		2.5-13 μ	Sol	Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
		700-1380	Sol	Spec	Jones	JACS	77 (1955)	651
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Generalisations	Jones	JACS	80 (1958)	6121

$C_{21}H_{34}O_2$	Isoallopregnanol-17β-one-3	-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
$C_{21}H_{34}O_2$	Allopregnan-20α-ol-3-one	650-1350	Sol	Generalisations	Jones	JACS	80 (1958)	6121
$C_{21}H_{34}O_2$	Allopregnan-20β-ol-3-one	650-1350	Sol	Generalisations	Jones	JACS	80 (1958)	6121
$C_{21}H_{34}O_2$	Δ^{16}-Allopregnene-diol-3β,20β	1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86
$C_{21}H_{34}O_2$	Androstanol-3α acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		-	Sol	Freq	Jones	JACS	74 (1952)	5662
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		700-1400	Sol	Spec, Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{34}O_2$	Androstanol-3β acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		1350-1500	Sol	Spec, Group freq	Jones	JACS	74 (1952)	5648
		-	Sol	Group study	Jones	JACS	74 (1952)	5662
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		700-1400	Sol	Spec, Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{34}O_2$	Androstanol-17β acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		1350-1500	Sol	Spec, Group freq	Jones	JACS	74 (1952)	5648
		-	Sol	Group study	Jones	JACS	74 (1952)	5662
		700-1400	Sol	Spec, Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{34}O_2$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-1-enyl)nona-1,5-cis,7-triene-3,9-diol 9-methyl ether	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{21}H_{34}O_2$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-1-enyl) -nona-1,5-trans,7-triene-3, 9-diol 9-methyl ether	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719

$C_{21}H_{34}O_2$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-1-enyl) nona-2,5-cis,7-triene-4, 9-diol 9-methyl ether	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{21}H_{34}O_2$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-1-enyl)nona-2,5-trans, 7-triene-4,9-diol 9-methyl ether	2-16 μ	L	Spec	Oroshnik	JACS	76 (1954)	5719
$C_{21}H_{34}O_2$	Etioallocholanic acid, methyl ester	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{34}O_2$	Etiocholan-3α-ol acetate	770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		700-1400	Sol	Spec, Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{34}O_2$	Etiocholan-3β-ol acetate	700-1400	Sol	Spec, Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{34}O_2$	Etiocholan-17β-ol acetate	700-1400	Sol	Spec, Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{34}O_2$	3β-Hydroxy-17aβ-methyl-D-homoandrostan -17-one	-	Sol	Group freq	Ramirey	JACS	77 (1955)	134
$C_{21}H_{34}O_2$	17-Isopregnanol-3α-one -20	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
		-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
		2.5-13 μ	Sol	Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
$C_{21}H_{34}O_2$	Methyl arachidonate	700-3300	L	Spec, Band freq, Anal	Sinclair	JACS	74 (1952)	2578
$C_{21}H_{34}O_2$	17-Methyl-D-homoandrostanol-3β-one-17a	-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
$C_{21}H_{34}O_2$	Pregnanol-3α-one-20	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571

		1657-1757	Sol	Band study	Jones	JACS	74 (1952)	80
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		-	S	Band freq, Group study	Mancera	JACS	75 (1953)	1286
		2.5-13 μ	Sol	Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
		670-1390	Sol	Table, Spec	Jones	JACS	77 (1955)	651
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Generalisations	Jones	JACS	80 (1958)	6121
$C_{21}H_{34}O_2$	Pregnanol-3β-one-20	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	Sol	Freq, Stereo study	Cole	JACS	74 (1952)	5571
$C_{21}H_{34}O_2$	Δ^5-Pregnene-3β,17β-diol	2.5-3.5 μ	Sol	Group study	Kabasakalian	AC	31 (1959)	375
$C_{21}H_{34}O_2$	^{5}-17α-Pregnene-3β,17β-diol	650-1350	Sol	Generalisations	Jones	JACS	80 (1958)	6121
$C_{21}H_{34}O_2$	Δ^{16}-Pregnenediol-3β,20β	1580-3100	Sol	Group positions	Jones	JACS	72 (1950)	86
$C_{21}H_{34}O_2$	Pregnan-20α-ol-3-one	650-1350	Sol	Generalisations	Jones	JACS	80 (1958)	6121
$C_{21}H_{34}O_2$	Pregnan-20β-ol-3-one	650-1350	Sol	Generalisations	Jones	JACS	80 (1958)	6121
$C_{21}H_{34}O_2$	Uranol-11-one-3	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{34}O_2S$	Androstan-17-one ethylene hemithioketal sulfoxide	-	Sol	Group freq	Djerassi	JACS	75 (1953)	3704
$C_{21}H_{34}O_3$	Allopregnanediol-3α,6α-one-20	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
		2.5-13 μ	Sol	Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
$C_{21}H_{34}O_3$	Allopregnane-3β,11α-diol-20-one	-	-	Band freq	Mancera	JOC	17 (1952)	1066
$C_{21}H_{34}O_3$	Allopregnane-3β,17α-diol-20-one	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{34}O_3$	Allopregnanediol-17α, 20-one-3	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{34}O_3$	Androstane-3α,17β-diol acetate	700-1400	Sol	Spec, Band study, Ident	Jones	JACS	78 (1956)	1152

$C_{21}H_{34}O_3$	Androstanediol-3α,17α acetate-3	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{21}H_{34}O_3$	Androstane-3α,17β-diol acetate-3	700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{34}O_3$	Androstanediol-3α,17β acetate-17	-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
		700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152
		650-1350	Sol	Band study	Jones	JACS	80 (1958)	6121
$C_{21}H_{34}O_3$	Androsterone 17-ethylene ketal	-	Sol	Group band	Iriarte	JOC	20 (1955)	542
$C_{21}H_{34}O_3$	Etiocholanediol-3α,17α acetate-17	-	Sol	Group freq	Jones	JACS	72 (1950)	956
$C_{21}H_{34}O_3$	Etiocholane-3α,17β-diol acetate-17	700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152
		650-1350	Sol	Generalisations	Jones	JACS	80 (1958)	6121
$C_{21}H_{34}O_3$	Etiocholanediol-3β,17β acetate-17	-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
		700-1400	Sol	Band study, Ident	Jones	JACS	78 (1956)	1152
$C_{21}H_{34}O_3$	3β-Hydroxyetio-allocholanic acid, methyl ester	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		2-12 μ	Sol		Woodward	JACS	74 (1952)	4223
$C_{21}H_{34}O_3$	3α-Hydroxyetio-cholanic acid, methyl ester	-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
$C_{21}H_{34}O_3$	Pregnanediol-3α,6α-one-20	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
		2.5-13 μ	Sol	Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
$C_{21}H_{34}O_3$	Pregnanediol-3α,11α-one-20	-	-	Assign	Jones	JACS	70 (1948)	2024
		-	Sol	Band freq	Sondheimer	JACS	75 (1953)	1282
$C_{21}H_{34}O_3$	Pregnanediol-3α,17α-one-20	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
		-	Sol	Band freq	Mancera	JACS	75 (1953)	1286
		2.5-13 μ	Sol	Group freq, Struc	Rosenkrantz	JACS	75 (1953)	903
		770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237

$C_{21}H_{34}O_3$	Pregnane-3α,20α-diol-11-one	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{34}O_3$	Pregnanediol-3α,20(epi)-one-11	1713	Sol	Absorp freq, Struc, Anal	Jones	JACS	71 (1949)	241
		-	S	Band freq, Group indic	Mancera	JACS	75 (1953)	1286
		-	-	Ident	Magerlein	JACS	77 (1955)	1904
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{34}O_3$	Pregnanediol-3β,12β-one-20	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{21}H_{34}O_3$	Pregnanediol-3β,17α-one-20	-	Sol	Band freq, Struc	Jones	JACS	74 (1952)	2820
		770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	S	Generalisations	Jones	JACS	80 (1958)	6121
$C_{21}H_{34}O_3S$	Androstan-17-one ethylene hemithioketal sulfone	-	Sol	Band freq, Ident	Djerassi	JACS	75 (1953)	3704
$C_{21}H_{34}O_4$	Allopregnane-3α,17α,21-triol-20-one	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{34}O_4$	Allopregnane-3β,11α,17α-triol-20-one	-	-	Band freq, Group indic	Romo	JACS	75 (1953)	1277
$C_{21}H_{34}O_4$	Allopregnane-3β,11α,20-triol-7-one	-	S	Freq	Stork	JACS	73 (1951)	3546
		-	S	Band freq	Djerassi	JACS	75 (1953)	3505
$C_{21}H_{34}O_4$	Allopregnane-3β,11β,21-triol-20-one	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{34}O_4$	Allopregnane-3β,17α,21-triol-20-one	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{34}O_4$	Pregnane-3α,17α,20β-triol-11-one	-	-	Group indic	Oliveto	JACS	75 (1953)	488
		-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
$C_{21}H_{34}O_4$	Pregnane-3α,17α,21-triol-20-one	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{34}O_4$	Pregnane-3β,17α,21-triol-20-one	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237

$C_{21}H_{34}O_5$	Allopregnane-3α,11β,17α, 21-tetrol-20-one	770-3700	S	Band freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{34}O_5$	Pregnane-3α,11β,17α, 21-tetrol-20-one	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{34}O_5$	Pregnane-3β,11β,17α, 21-tetrol-20-one	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{34}O_5$	5α-Pregnane-3β,11β,17α, 21-tetrol-20-one	-	-	Group freq	Chamberlin	JACS	77 (1955)	1221
		770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{35}NO_3$	Methyl cativate 7-oxime	-	-	Freq	Grant	JACS	76 (1954)	5001
$C_{21}H_{35}NO_4S$	o-Acetoxymethyl-N-dodecylbenzene-sulfonamide	-	-	Group freq, Struc	Rice	JACS	75 (1953)	4304
$C_{21}H_{36}$	Allopregnane	-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		950-1350	S,Sol	Freq	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{36}$	Pregnane	-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		950-1350	S,Sol	Freq	Rosenkrantz	AC	28 (1956)	31
$C_{21}H_{36}N_6$	N,N',N"-Tricyclohexyl-melamine	2-16 μ	S	Struc, Assign	Pedgett	JACS	80 (1958)	803
$C_{21}H_{36}O$	Allopregnan-3α-ol	650-1350	Sol	Generalisations	Jones	JACS	80 (1958)	6121
$C_{21}H_{36}O$	Allopregnan-3β-ol	400-4000	Sol	Spec, Extinction coeff, Absorption band, Config.	Cummins	JCS	- (1957)	3847
		650-1350	Sol	Generalisation	Jones	JACS	80 (1958)	6121
$C_{21}H_{36}O$	Allopregnan-20α-ol	650-1350	Sol	Generalisation	Jones	JACS	80 (1958)	6121
$C_{21}H_{36}O$	Allopregnan-20β-ol	650-1350	Sol	Spec, Generalisation	Jones	JACS	80 (1958)	6121
$C_{21}H_{36}O$	Pregnan-3α-ol	650-1350	Sol	Generalisation	Jones	JACS	80 (1958)	6121

$C_{21}H_{36}O$	Pregnan-3β-ol	-	Sol	Group freq, Stereo study	Cole	JACS	74 (1952)	5571
		770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Generalisation	Jones	JACS	80 (1958)	6121
$C_{21}H_{36}O$	Pregnan-20α-ol	-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		650-1350	Sol	Spec, Generalisation	Jones	JACS	80 (1958)	6121
$C_{21}H_{36}O$	Pregnan-20β-ol	650-1350	Sol	Spec	Jones	JACS	80 (1958)	6121
$C_{21}H_{36}O_2$	Allopregnane-3α,20α-diol	650-1350	S	Generalisation	Jones	JACS	80 (1958)	6121
$C_{21}H_{36}O_2$	Allopregnane-3β,20α-diol	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
		650-1350	Sol	Generalisation	Jones	JACS	80 (1958)	6121
$C_{21}H_{36}O_2$	Allopregnane-3β,20β-diol	770-3700	Sol	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{36}O_2$	Pregnane-3α,20α-diol	-	-	Assign	Jones	JACS	70 (1948)	2024
		770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{36}O_2$	Pregnane-3α,20β-diol	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{36}O_2$	Pregnane-3β,20β-diol	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{21}H_{36}O_2$	2-(3,7,11-Trimethyl-2-dodecenyl)-1,3-cyclohexanedione	1550-1750	Sol	Spec, Assign	Ananchenko	IANS	- (1960)	1644
$C_{21}H_{36}O_2$	Uranediol-3β,11	1650-1800	Sol	Group study	Jones	JACS	72 (1950)	956
$C_{21}H_{36}O_3$	Allopregnane-3β,11α,20β-triol	-	-	no carbonyl band	Stork	JACS	73 (1951)	3546
		-	-	no carbonyl band	Djerassi	JACS	75 (1953)	3505
$C_{21}H_{36}O_3$	Glycidyl linoleate	10-15μ	-	Spec, Group freq	Patterson	AC	26 (1954)	823
$C_{21}H_{36}O_3$	2-Methyl-3-hexadecyl-maleic anhydride	1750-1850	Sol	Band freq	Dauben	JOC	24 (1959)	1595
$C_{21}H_{36}O_3$	Pregnane-3α,17α,20α-triol	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237

$C_{21}H_{36}O_3$ Allopregnane-3β,11β,17α- 770-3700 S Freq, I Rosenkrantz JACS 77 (1955) 2237

$C_{21}H_{36}O_5$	Allopregnane-3β,11β,17α, 20β,21-pentol	770-3700	S	Freq, I	Rosenkrantz	JACS	77 (1955)	2237
$C_{21}H_{37}NO_2$	3β,17α-Dihydroxy-20α-aminoallopregnane	-	Sol	Band freq	Ramirey	JACS	77 (1955)	134
$C_{21}H_{37}NO_2 \cdot HNO_3$	3β,17α-Dihydroxy-20α-aminoallopregnane nitrate	-	Sol	Ident	Ramirey	JACS	77 (1955)	134
$C_{21}H_{37}N_7O_8$	Hexa-L-alanyl-L-alanine	-	S	Struct	Zahn	A	636 (1960)	132
$C_{21}H_{38}O_4$	Methyl 12-acetoxy-elaidate	2-12 μ	Sol	Substitution effect	McCutchon	JAOC	36 (1959)	450
$C_{21}H_{38}O_4$	Methyl acetyl-ricinoleate	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{21}H_{39}Br$	1-Bromoheneicosyne-2	-	L,Sol	Group freq	Sammul	JACS	75 (1953)	4856
$C_{21}H_{39}NO_3$	Acrylamidostearic acid	946-3434	-	Table, I	Role	JACS	75 (1953)	5479
$C_{21}H_{39}N_7O_{12} \cdot 3HBr$	Streptomycin trihydrobromide	-	-	Spec	Heuser	JACS	75 (1953)	4013
$C_{21}H_{39}N_7O_{12} \cdot 3HCl$	Streptomycin trihydrochloride	-	-	Spec	Heuser	JACS	75 (1953)	4013
$C_{21}H_{39}N_7O_{12} \cdot 3HNO_3$	Streptomycin trinitrate	-	-	Spec	Heuser	JACS	75 (1953)	4013
$C_{21}H_{39}N_7O_{12} \cdot \frac{3}{2}H_2SO_4$	Streptomycin sesquisulfate	-	-	Spec	Heuser	JACS	75 (1953)	4013
$C_{21}H_{39}N_7O_{12} \cdot \frac{3}{2}H_3PO_4$	Streptomycin sesquiphosphate	-	-	Spec	Heuser	JACS	75 (1953)	4013

$C_{21}H_{40}$	Heneicosyne-2	-	-	Ident	Sammul	JACS	75 (1953)	4856
$C_{21}H_{40}O$	2-Heneicosynol-1	-	S,Sol	Group freq	Sammul	JACS	75 (1953)	4856
$C_{21}H_{40}O_2$	2-Methyl-2-eicosenoic acid	-	Sol	Band freq	Cason	JOC	19 (1954)	1836
$C_{21}H_{40}O_2$	trans-9-Octadecenoic acid n-propyl ester	-	-	Group freq, Oxidation	Skellon	JCS	- (1953)	138
$C_{21}H_{40}O_2$	Stearyl acrylate	2-15 μ	L	Discussion, Assign	Walton	JACS	79 (1957)	3985
$C_{21}H_{40}O_3$	Propylene glycol monooleate	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{21}H_{40}O_4$	Ethylene glycol monomethyl ether ricinoleate	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{21}H_{40}O_4$	Glyceryl monooleate	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{21}H_{40}O_4Si_3$	1-Allyloxy-2,4,6-tristrimethylsiloxy-methylbenzene	-	-	Struc	Burkhazol	JACS	75 (1953)	5957
$C_{21}H_{40}O_5$	Glyceryl monoricinoleate	2-15 μ	L	Spec	Kendall	APS	7 (1953)	179
$C_{21}H_{40}O_8$	Dihydroerythronolide	-	-	Band freq	Wiley	JACS	77 (1955)	3676
$C_{21}H_{42}N_6$	N-octadecylmelamine	2-16 μ	S	Spec, Struc, Assign	Padgett	JACS	80 (1958)	803
$C_{21}H_{42}O_2$	Heneicosanoic acid	1100-1400	S	Spec, Band progression	Jones	JACS	74 (1952)	2575
		700-3500	S,Sol	Spec, Band freq, Struc	Sinclair	JACS	74 (1952)	2570
		720	S	Band study	Chapman	JCS	- (1957)	4489
$C_{21}H_{42}O_2$	Methyl eicosanoate	700-3500	Sol	Spec, Band freq, Struc	Sinclair	JACS	74 (1952)	2570
$C_{21}H_{42}O_2$	n-Propyl stearate	1650-1800	Sol	Group study	Cross	TFS	47 (1951)	354
$C_{21}H_{42}O_2$	4,8,12-Trimethyl-octadecanoic acid	7-15 μ	Sol	Spec, Band freq, Struc	Freeman	JACS	74 (1952)	2523

$C_{21}H_{42}O_4$	Glyceryl monostearate	-	-	Struc	Gray	JPCC	53 (1949)	23
		2-15 μ	S	Spec	Kendall	APS	7 (1953)	179
$C_{21}H_{42}O_4$	1-Monostearin	650-3500	S	Struc, Polymorphic transition	Chapman	JCS	- (1956)	55
$C_{21}H_{42}O_4$	2-Monostearin	650-3500	S	Spec, Struc, Polymorphic transition	Chapman	JCS	- (1956)	55
$C_{21}H_{44}$	n-Heneicosane	750-1200	S	Struc	Snyder	JCP	27 (1957)	969
		650-800	S	Spec	Martin	SA	12 (1958)	12
		700-1500	S	Freq, Assign	Snyder	JNS	4 (1960)	411
$C_{21}H_{44}ClN$	Cyclohexylmethyl-dodecyldimethyl-ammonium chloride	-	-	Purity, Freq	Cella	JACS	77 (1955)	4264
$C_{21}H_{44}N_2O_3$	Urea-ethylstearate complex	-	-	Freq, Struct	Scorocco	AAN	24 (1958)	435
$C_{21}H_{44}N_2O_3$	Urea-n-octadecyl acetate complex	-	-	Freq, Struct	Scorocco	AAN	24 (1958)	435
$C_{21}H_{44}O_4$	1,1,5,5-Tetra-n-butoxypentane	-	-	Preparation	Hall	JCS	- (1951)	2480
$C_{21}H_{44}Si$	Cyclopentamethylene di-2-ethylhexylsilane	2-35 μ	L	Assign	Oshesky	JACS	79 (1957)	2057
$C_{21}H_{44}Si$	Cyclopentamethylene-dioctylsilane	2-35 μ	L	Assign	Oshesky	JACS	79 (1957)	2057

C_{22} COMPOUNDS

$C_{22}H_8Br_2O_2$	4,10-Dibromoanthanthrone	600-2000	S	Spec	Durie	AJC	10 (1957)	429
$C_{22}H_{12}$	Anthanthrene	650-2020	S	Spec	Cannon	SA	4 (1951)	373
$C_{22}H_{12}$	1,12-Benzperylene	650-2010	S	Spec	Cannon	SA	4 (1951)	373

$C_{22}H_{12}O_2$	1,2,3,4-Dibenz-anthraquinone	1600–1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{22}H_{12}O_2$	1,2,5,6-Dibenzanthra-9,10-quinone	1600–1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{22}H_{12}O_2$	2,3,6,7-Dibenzanthra-quinone	1600–1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{22}H_{12}O_2$	Picene quinone	1600–1800	Sol	Group freq	Josien	JCP	21 (1953)	331
$C_{22}H_{14}$	1,2,3,4-Dibenzanthra-cene	670–3150 650–2020	S S	Spec, Band freq Spec	Orr Cannon	JCS SA	- (1950) 4 (1951)	218 373
$C_{22}H_{14}$	1,2,5,6-Dibenz-anthracene	670–3150 670–2010	S S	Spec, Band freq Spec	Orr Cannon	JCS SA	- (1950) 4 (1951)	218 373
$C_{22}H_{14}$	1,2,6,7-Dibenz-anthracene	670–3150 650–2020	S S	Spec, Band freq Spec	Orr Cannon	JCS SA	- (1950) 4 (1951)	218 373
$C_{22}H_{14}$	1,2,7,8-Dibenz-anthracene	650–2010	S	Spec	Cannon	SA	4 (1951)	373
$C_{22}H_{14}$	1:2,5:6-Dibenz-phenanthrene	670–3150	S	Spec, Band freq	Orr	JCS	- (1950)	218
$C_{22}H_{14}$	1,2(2',1')-Naphtha-anthracene	650–2010	S	Spec	Cannon	SA	4 (1951)	373
$C_{22}H_{14}$	Picene	-	S	Spec	Phillips	JACS	77 (1955)	3856
$C_{22}H_{14}N_2O$	2-Keto-1-phenyl-1,2-dihydroquinolino-3':2'-3:4-quinoline	1450–3700	S	Spec, Struct	Mann	JCS	- (1949)	2816
$C_{22}H_{14}N_2O.HCl$	2-Keto-1-phenyl-1,2-dihydroquinolino-3':2'-3:4-quinoline hydrochloride	1450–3600	S	Spec, Struct	Mann	JCS	- (1949)	2816
$C_{22}H_{14}O$	Dibenzanthrone	650–2000	S	Substitution effect	Cannon	SA	4 (1951)	373
$C_{22}H_{14}O_4$	Dibenzoyl phthaloyl	-	Sol	Group freq	Davison	JCS	- (1951)	2456

$C_{22}H_{14}O_8$	Dibenzoyl phthaloyl peroxide	-	Sol	Group freq	Davison	JCS	-	(1951)	2456
$C_{22}H_{14}O_{12}$	Ellagic acid tetra-acetate	5.0-6.15 μ	S	Struct	Stitt	JACS	81	(1959)	4615
$C_{22}H_{15}NO_3$	1-Methylbenzamido-anthraquinone	1641-1676	-	Group freq	Flett	JCS	-	(1948)	1441
$C_{22}H_{15}NO_3$	1,4,4-Triphenyl-2,3,5-pyrrolidinetrione	2-16 μ	S	Spec	Skinner	JACS	72	(1950)	5569
$C_{22}H_{15}N_5O_4S_2$	2-Azido-1,4-naphtho-quinonedibenzene-sulfonimide	-	-	Group study	Adams	JACS	74	(1952)	5560
$C_{22}H_{16}$	9,10-Dihydro-1,2,5,6-dibenzanthracene	670-3150 650-2040	S S	Spec, Band freq Spec	Orr Cannon	JCS SA	- 4	(1950) (1951)	218 373
$C_{22}H_{16}$	8,8-Diphenylbenzo-fulvene	660-4000	Sol	Spec	Wood	AC	30	(1958)	1339
$C_{22}H_{16}BrN$	3-Bromo-1,2,4-triphenyl-pyrrole	-	Sol	Ident	Wasserman	JOC	19	(1954)	515
$C_{22}H_{16}N_2$	1-Phenyl-1,2-dihydro-quinolino-3':2'-3:4-quinoline	1450-3700	S	Spec, Struct	Mann	JCS	-	(1949)	2816
$C_{22}H_{16}N_2O$	1,2-Dihydro-1-methyl-2-oxo-1'-phenylindolo (3':2'-3:4)quinoline	-	-	Band freq	Braunholtz	JCS	-	(1955)	381
$C_{22}H_{16}N_2O$	2-Keto-1-phenyl-1,2, 1',4'-tetrahydroquino-lino-3':2'-3:4-quinoline	1450-3600	S	Spec, Struct	Mann	JCS	-	(1949)	2816
$C_{22}H_{16}N_2O_2$	6,6'-Dimethylquinaldil	-	-	Group freq	Buehler	JACS	74	(1952)	977
$C_{22}H_{16}N_8O_4S_2$	2,3-Diazido-1,4-naphthalene dibenzene-sulfonamide	-	-	Group study	Adams	JACS	74	(1952)	5560

$C_{22}H_{16}O_2$	9-Benzoyloxy-10-methyl-anthracene	3-15 μ	S	Spec, Group freq	Roitt	JCS	- (1952)	2695
$C_{22}H_{16}O_2$	1-Carbomethoxytriptycene	2-12 μ	Sol	Spec, Struct	Bartlett	JACS	76 (1954)	1088
$C_{22}H_{16}O_2$	4-Hydroxy-2,3,4-triphenyl-crotonic acid lactone	-	Sol	Group freq	Yates	JACS	76 (1954)	5110
$C_{22}H_{16}O_2$	cis-Phenyldibenzoyl-ethylene	6.06-14.65 μ	S	Group freq	Kuhn	JACS	72 (1950)	5058
$C_{22}H_{16}O_2$	trans-Phenyldibenzoyl-ethylene	6.08-14.4 μ	S	Group freq	Kuhn	JACS	72 (1950)	5058
$C_{22}H_{16}O_3$	9-Benzoyloxy-10-methoxy-phenanthrene	-	-	Group freq, Assign, Struct	Moore	JCS	- (1953)	238
$C_{22}H_{16}O_3$	1-Carbomethoxy-2-hydroxy-triptycene	2-12 μ	Sol	Spec, Struct	Bartlett	JACS	76 (1954)	1088
$C_{22}H_{16}O_3$	2-Phenyl-3-benzoxyindone	-	-	Spec	Bergmann	BSCF	- (1959)	634
$C_{22}H_{16}O_4$	1-Carbomethoxytriptycene -hydroquinone	2-12 μ	Sol	Spec, Struct	Bartlett	JACS	76 (1954)	1088
$C_{22}H_{16}O_6$	2,5-Diacetoxy-3,6-diphenyl -1,4-benzoquinone	5-15 μ	S	Spec, Struct	Edwards	JAPC	10 (1960)	246
$C_{22}H_{16}O_6$	1,6-Dihydroxy-1,6-di-p-methoxyphenyl-1,3,5-hexatriene-cis,3,4-dioic bislactone	2-15.5 μ	S	Spec, Struct, Group freq	Klingsberg	CR	54 (1954)	59
$C_{22}H_{17}ClN_2O_4S_2$	2-Chloro-1,4-naphthalene dibenzenesulfonamide	-	-	Spec, Ident	Adams	JACS	74 (1952)	5560
$C_{22}H_{17}NO$	3-Hydroxy-1,2,4-triphenyl-pyrrole	-	-	Ident	Wasserman	JACS	76 (1954)	5811
$C_{22}H_{17}N_5O_4S_2$	2-Azido-1,4-naphthalene dibenzenesulfonamide	-	-	Group study	Adams	JACS	74 (1952)	5560

C H N 1,3,6-Triphenyl-1,4- 770-5000 S Spec Curtin JACS 72 (1950) 5238

$C_{22}H_{18}N_2$	1,3,6-Triphenyl-1,4-dihydropyridazine	770-5000	S	Spec	Curtin	JACS	72 (1950)	5238
$C_{22}H_{18}N_2O_2$	2-Phenyl-3-(1-phenyl-2-nitroethyl) indole	-	S	Group freq	Noland	JACS	81 (1959)	1203
$C_{22}H_{18}N_2O_3$	N-Benzyl-2-benzoyl-3-m-nitrophenyl-azacyclopropane	700-4000	Sol	Spec, Freq	Adelfang	JACS	82 (1960)	4241
$C_{22}H_{18}N_2O_4S_2$	5,8-Dihydro-1,4-naphtho-quinonedibenzene-sulfonimide	-	-	Group study	Adams	JACS	74 (1952)	2603
$C_{22}H_{18}N_2O_5$	N-(6-Amino-3,4-methylene-dioxybenzoyl)-p-methyl-aminophenyl benzoate	700-1500	S	Group freq	Briggs	AC	29 (1957)	904
$C_{22}H_{18}N_2O_5S_2$	2-Hydroxy-1,4-naphthalene dibenzenesulfonamide	-	-	Group study	Adams	JACS	74 (1952)	5560
$C_{22}H_{18}N_4O_2S$	5-p-Hydroxybenzyl-3-(phenyl-p-azophenyl)-2-thiohydantoin	600-4000	S	Spec, Ident	Epp	AC	29 (1957)	1283
$C_{22}H_{18}N_4O_5$	1,2-Diphenyl-2-methyl-1,3-propanedione-2,4-dinitrophenylhydrazone	-	S	Group freq	House	JACS	76 (1954)	1235
$C_{22}H_{18}N_4O_5$	cis-Dypnone oxide-2,4-dinitrophenylhydrazone	-	-	Ident	House	JACS	76 (1954)	1235
$C_{22}H_{18}N_4O_5$	trans-Dypnone oxide-2,4-dinitrophenylhydrazone	-	-	Ident	House	JACS	76 (1954)	1235
$C_{22}H_{18}N_6O_{12}$	Bis-(2,4,6-trimethyl-3,5-dinitrobenzoyl) -furoxan	-	S	Group freq, I	Boyer	JACS	77 (1955)	4238
$C_{22}H_{18}O$	Benzhydryl styryl ketone	-	-	Struct, Ident	Marvel	JOC	16 (1951)	741

$C_{22}H_{18}O$	1-(2-Biphenylyl)-1,2-oxa-3,4-dihydronaphthalene	2-12 μ	Sol	Spec	Weisenborn	JACS	74 (1952)	1329
$C_{22}H_{18}O$	1-(2-Biphenylyl)-2-tetralone	2-12 μ	Sol	Spec	Weisenborn	JACS	74 (1952)	1329
$C_{22}H_{18}O$	3,4-Dihydro-2,3-diphenyl-1(2H)-naphthalenone	2-15.4 μ	S	Spec	Crawford	AC	28 (1956)	1077
$C_{22}H_{18}O$	2,2,3-Triphenylcyclobutanone	-	-	Ident, Struct	Marvel	JOC	16 (1951)	741
$C_{22}H_{18}O_2$	1,1'-Dimethoxy-2,2'-binaphthyl	-	-	Ident	Edwards	JACS	76 (1954)	6141
$C_{22}H_{18}O_2$	1,4'-Dimethoxy-1',2-binaphthyl	-	-	Ident	Edwards	JACS	76 (1954)	6141
$C_{22}H_{18}O_2$	9-Hydroxy-10-p-methylbenzyloxyphenanthrene	-	-	Group freq	Moore	JCS	- (1953)	3405
$C_{22}H_{18}O_4$	3,3-Bis(3'-methyl-4'-hydroxyphenyl)-phthalide	330-2000	S	Freq	Jakobsen	APS	14 (1960)	61
$C_{22}H_{18}O_6$	Ethyl pulvinate acetate	650-3800	-	Spec	Frank	JACS	72 (1950)	1824
$C_{22}H_{18}O_7$	Dehydroanhydropicropodophyllin	-	-	Ident	Shrecker	JACS	74 (1952)	5672
$C_{22}H_{18}O_8$	Dehydropodophyllotoxin	-	-	Freq	Gensler	JACS	77 (1955)	3674
$C_{22}H_{18}O_{12}$	Oosporein tetraacetate	-	-	Ident	Lloyd	JCS	- (1955)	2163
$C_{22}H_{19}BrO$	1-Bromo-5-mesitoylacenaphthene	-	-	Ident	Fuson	JOC	19 (1954)	806
$C_{22}H_{19}ClN_2O_4S_2$	2-Chloro-5,8-dihydro-1,4-naphthalene dibenzenesulfonamide	-	S	Group freq	Adams	JACS	76 (1954)	2408

$C_{22}H_{19}NO$	1-Benzyl-2-phenyl-3-benzoylaziridine	652-3050	-	Table	Cromwell	JACS	71 (1949)	3337
$C_{22}H_{19}NO$	N-Benzyl-2-benzoyl-3-phenylazacyclopropane	700-4000	Sol	Spec, Freq	Adelfang	JACS	82 (1960)	4241
$C_{22}H_{19}NO$	cis-1-Benzyl-2-phenyl-3-benzoylethyleneimine	2-16 μ	S,Sol	Spec, Group freq	Cromwell	JACS	73 (1951)	1044
$C_{22}H_{19}NO$	trans-1-Benzyl-2-phenyl-3-benzoylethyleneimine	2-16 μ	S,Sol	Spec, Group freq	Cromwell	JACS	73 (1951)	1044
$C_{22}H_{19}NO$	2,2-Dibenzyl-ψ-indoxyl	2-11 μ	Sol	Spec	Witkop	JACS	73 (1951)	5664
$C_{22}H_{19}NO$	3,3-Dibenzyl-ψ-oxindole	2-11 μ	Sol	Spec	Witkop	JACS	73 (1951)	5664
$C_{22}H_{19}NO$	1,3-Diphenyl-3-benzylamino-2-propen-1-one	650-3800	S	Chart, Table	Cromwell	JACS	71 (1949)	3337
$C_{22}H_{19}NO$	cis-1-Methyl-2-phenyl-3-(p-phenylbenzoyl) ethylenimine	1145-3070	S	Freq, I	Cromwell	JOC	17 (1952)	414
$C_{22}H_{19}NO$	trans-1-Methyl-2-phenyl-3-(p-phenyl benzoyl) ethylenimine	1118-3045	S	Freq, I	Cromwell	JOC	17 (1952)	414
$C_{22}H_{19}NO_2$	4-Anilino-2,3-epoxy-3-phenylbutyrophenone	- 2-15 μ	- Sol	Group freq Spec, Group freq	Wasserman Wasserman	JACS JOC	76 (1954) 19 (1954)	5811 515
$C_{22}H_{19}NO_6$	2,3-Dimethoxy-9-benzoylaminobenzosuber-5-ene-5,6-dicarboxylic anhydride	-	Sol	Group freq	Koo	JACS	75 (1953)	723
$C_{22}H_{19}N_2O_3$	Alstoniline	-	-	Group freq, Struct	Elderfield	JOC	19 (1954)	683
$C_{22}H_{19}N_3O_4S_2$	2-Amino-1,4-naphthalene dibenzenesulfonamide	-	-	Group study	Adams	JACS	74 (1952)	5560
$C_{22}H_{30}$	Diphenyldecapentaene	660-2030	S	Spec	Cannon	SA	4 (1951)	373

$C_{22}H_{20}$	5,6,9,10-Tetramethyl-1,2-Benzanthracene	650-2020	S	Spec	Cannon	SA	4 (1951)	373
$C_{22}H_{20}Br_2N_2O_4$	Bis-(2,4,6-trimethyl-3-bromobenzoyl) furoxan	-	S	Group freq, I	Boyer	JACS	77 (1955)	4238
$C_{22}H_{20}N_2$	1,5-Diphenyl-3-p-tolyl-2-pyrozoline	678-3060 -	- -	Table Group freq, Band freq	Cromwell Snyder	JACS JACS	71 (1949) 74 (1952)	3337 3243
$C_{22}H_{20}N_2$	1-Phenyl-1,2,1',2',3',4'-hexahydroquinolino-3':2'-3:4-quinoline	1450-3700	S	Spec, Struct	Mann	JCS	- (1949)	2816
$C_{22}H_{20}N_2$	2-Phenyl-3-(1-phenyl-2-aminoethyl)-indole	-	S,Sol	Group freq	Noland	JACS	81 (1959)	1203
$C_{22}H_{20}N_2O_2$	Bis-(N-benzyl)phthalamide	700-1700	S	Spec	Stafford	AC	21 (1949)	1454
$C_{22}H_{20}N_2O_2$	9,10-Di(2-cyano-2-propoxy) phenanthrene	-	-	Group freq	Aparicio	JCS	- (1952)	4666
$C_{22}H_{20}N_2O_2$	1,2-Di-(6-methylquinolyl-2)-1,2-ethanediol	-	-	Band freq	Buehler	JACS	74 (1952)	977
$C_{22}H_{20}N_2O_2$	7-α-Furyl-2,4,6-heptatrienalazine	1400-2000	S	Spec	Blout	JACS	70 (1948)	194
$C_{22}H_{20}N_2O_6$	Terrarubein	-	S	Group freq	Hochstein	JACS	75 (1953)	5455
$C_{22}H_{20}N_3O_3S_2$	2(3)-Imino-3-benzyl-4-amino-5-phenylthiazoline benzenesulfonate	650-4000	S	Spec	Taylor	JACS	76 (1954)	1866
$C_{22}H_{20}N_4O_2S$	N-(Phenyl-p-azophenyl) thiocarbonyl-dl-phenylalanine	600-4000	S	Spec	Epp	AC	29 (1957)	1283
$C_{22}H_{20}O$	1-Methoxy-trans-1,2,3-triphenyl-2-propene	-	-	Group study	Lutz	JACS	77 (1955)	366
$C_{22}H_{20}O_2S$	9-(9-Ethylfluorenyl)-p-tolyl sulfone	1100-1400	Sol	Spec, Freq	Bavin	SA	16 (1960)	1312
$C_{22}H_{20}O_8$	α-Apocinchonophyllin	2-12 μ	Sol	Spec, Struct	Schreiber	JACS	74 (1952)	5676

$C_{22}H_{20}O_7$	α-Apopicropodophyllin	2-12 μ	Sol	Spec, Struct	Shrecker	JACS	74 (1952)	5676
$C_{22}H_{20}O_7$	β-Apopicropodophyllin	2-12 μ	Sol	Spec, Struct	Shrecker	JACS	74 (1952)	5676
		-	-	Ident	Gensler	JACS	76 (1954)	315
$C_{22}H_{20}O_7$	γ-Apopicropodophyllin	2-12 μ	Sol	Spec, Struct	Shrecker	JACS	74 (1952)	5676
$C_{22}H_{20}O_8$	2,3-Dicarboxy-1-(3',4',5' trimethoxyphenyl-6,7-methylenedioxytetralin anhydride	-	Sol	Group freq	Walker	JACS	75 (1953)	3390
$C_{22}H_{20}O_8$	α-(3,4-Methylenedioxy-benzyl)-2'-(3,4,5-trimethoxybenzylidene)-succinic anhydride	-	Sol	Group freq	Walker	JACS	75 (1953)	6205
$C_{22}H_{20}O_8$	Picropodophyllone	-	-	Freq	Gensler	JACS	77 (1955)	3674
$C_{22}H_{20}O_8$	Podophyllotoxone	-	-	Group freq	Gensler	JACS	77 (1955)	3674
$C_{22}H_{21}Br$	Bromotribenzylmethane	-	Sol	Band freq	Pinchas	JCS	- (1954)	863
$C_{22}H_{21}Cl$	4-Chloro-1,1,1-triphenyl-butane	-	Sol	Group freq, I	Pinchas	JCS	- (1954)	863
$C_{22}H_{21}Cl$	Chloro-tri-p-tolyl-methane	600-3400	S	Spec	Sharp	JCS	- (1957)	4804
$C_{22}H_{21}ClN_2O_7$	Anhydroaureomycin	-	-	Band freq	Waller	JACS	74 (1952)	4981
$C_{22}H_{21}ClN_2O_7$	Aureomycinonitrile	-	S	Group freq	Stephens	JACS	76 (1954)	3568
$C_{22}H_{21}Cl_2N_6O_7S$	6-Amino-4-triacetyl-D-ribopyranosamino-5-(2',5'-dichlorobenzene-azo)-2-methylthiopyrimidine	1700-1775	S	Spec, H bond	Brownlie	JCS	- (1948)	2265
$C_{22}H_{21}Cl_2N_6O_7S$	6-Amino-4-triacetyl-L-arabopyranoseamino-5-(2',5'-dichlorobenzeneazo) -2-methylthiopyrimidine	1700-1775	S	Spec, H bond	Brownlie	JCS	- (1948)	2265

$C_{22}H_{21}NO$	N-Dimethyl-o-benzhydrylbenzamide	3 μ	Sol	Spec	Marvel	JACS	63 (1941)	2221
$C_{22}H_{21}NO$	N-Dimethyl-p-benzhydrylbenzamide	3 μ	Sol	Spec	Marvel	JACS	63 (1941)	2221
$C_{22}H_{21}NO_3$	Ethyl-β-(2-quinolyl)-ethylbenzoyl acetate	-	-	Group freq	Boekelheide	JACS	73 (1951)	4015
$C_{22}H_{21}NO_3S$	1,4,5,8-Tetrahydro-1,4,5,8-dimethano-9,10-anthraquinone-monobenzenesulfonimide	-	-	Group study	Adams	JACS	74 (1952)	2605
$C_{22}H_{21}NO_4$	5-Methyl-2,3,10,11-tetramethoxybenzo [a]-phenanthridine	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{22}H_{22}ClN_2O_9$	Auremycinic acid	-	-	Band freq	Hutchings	JACS	74 (1952)	4980
$C_{22}H_{22}N_2O_2$	2-Phenyl-4-ethyl-oxazolidine α-naphthylurea	-	S	Group freq, Struct	Goldberg	JACS	75 (1953)	6260
$C_{22}H_{22}N_2O_2 \cdot 2HBr$	5-Benzoyl-7-(1-piperidylmethyl)-8-quinolinol dihydrobromide	-	-	Struct	Edgerton	JACS	74 (1952)	5209
$C_{22}H_{22}N_2O_2 \cdot HCl.2H_2O$	Strychnine hydrochloride dihydrate	2.8 μ	S	Spec	Nakanishi	BCSJ	30 (1957)	403
$C_{22}H_{22}N_2O_4$	Dimesitoylfuroxan	-	S	Group freq, I	Boyer	JACS	77 (1955)	4238
$C_{22}H_{22}N_2O_8$	α and β-Apoterramycin	-	-	Struct	Hochstein	JACS	74 (1952)	3708
		-	S,Sol	Band freq, Group freq	Hochstein	JACS	75 (1953)	5455
$C_{22}H_{22}O$	Mesityl-1-ethyl-2-naphthyl ketone	-	-	Anal	Fuson	JOC	16 (1951)	643
$C_{22}H_{22}O$	Tribenzylmethanol	-	Sol	Band freq	Pinchas	JCS	- (1954)	863
		-	-	Spec	Michinori	BCSJ	33 (1960)	1600

$C_{22}H_{22}O$	1,1,1-Triphenylethyl ether	-	Sol	Group freq, I	Pinchas	JCS	- (1954)	863
$C_{22}H_{22}O_2$	1-Mesityl-7-phenyl-2,4,6-heptatrien-2-ol-1-one	-	Sol	Band freq, I	Fuson	JACS	75 (1953)	5952
$C_{22}H_{22}O_2$	α-2-Methyl-1,1,3-triphenyl-1,3-propanediol	-	-	Spec, Struct	Zimmerman	JACS	76 (1954)	2291
$C_{22}H_{22}O_2$	β-2-Methyl-1,1,3-triphenyl-1,3-propanediol	-	-	Spec, Struct	Zimmerman	JACS	76 (1954)	2291
$C_{22}H_{22}O_3$	1-Mesityl-5-phenyl-2,4-pentadien-2-ol-1-one acetate	-	-	Group freq	Fuson	JACS	75 (1953)	5952
$C_{22}H_{22}O_4$	Adipoyldiacetophenone	1500-3500	S	Freq, Assign, Struct	Martin	JACS	80 (1958)	4891
$C_{22}H_{22}O_4$	3,4-Bis-(p-acetoxyphenyl)-2,4-hexadiene	2-13 μ	-	Band freq, Spec	Lane	JACS	73 (1951)	4408
$C_{22}H_{22}O_4$	Tri-p-anisylcarbinol	665-5000	L,S	Group freq	Zeiss	JACS	75 (1953)	897
$C_{22}H_{22}O_4$	Triansylcarbinol	1000-1700	Sol	Ident, Band freq	Buckles	JACS	82 (1960)	2444
$C_{22}H_{22}O_4$	Tris-(o-methoxyphenyl)-carbinol	-	-	Ident	Marton	JACS	76 (1954)	2973
$C_{22}H_{22}O_6$	1-(3',4'-Dimethoxyphenyl)-2-carboxy-3-hydroxymethyl-6,7-dimethoxy-1,4-dihydronaphthalene lactone	-	Sol	Band freq	Walker	JACS	75 (1953)	3393
$C_{22}H_{22}O_7$	Desoxypicropodophyllin	2-13 μ	Sol	Spec, Group freq	Shrecker	JACS	75 (1953)	5916
		-	-	Ident	Hartwell	JACS	76 (1954)	4034
$C_{22}H_{22}O_7$	Isodesoxypicropodophyllin	2-13 μ	Sol	Spec, Group freq	Shrecker	JACS	75 (1953)	5916
$C_{22}H_{22}O_7$	Desoxypodophyllotoxin	2-15 μ	Sol	Spec, Ident, Struct	Hartwell	JACS	74 (1952)	4470
		-	-	Ident	Hartwell	JACS	75 (1953)	2138

		2-13 μ	Sol	Spec, Group freq	Shrecker	JACS	75 (1953)	5916
		-	-	Ident	Hartwell	JACS	76 (1954)	4034
$C_{22}H_{22}O_7$	Isodesoxypodophyllotoxin	2-13 μ	Sol	Spec, Group freq	Shrecker	JACS	75 (1953)	5916
$C_{22}H_{22}O_7$	2-(4,6-Dimethoxy-5-methyl-3-coumaronyl)-4,6-dimethoxy-5-methyl-coumaran-3-one	-	-	Group freq	Mulholland	JCS	- (1953)	1642
$C_{22}H_{22}O_7$	6,7-Methylenedioxy-1-(3,4,5-trimethoxyphenyl)-3-hydroxymethyl-5,6,7,8-tetrahydro-2-naphthoic acid lactone	2-13 μ	Sol	Spec	Shrecker	JACS	75 (1953)	5916
$C_{22}H_{22}O_8$	dl-α-Apodophyllic acid	-	-	Ident	Gensler	JACS	76 (1954)	5890
$C_{22}H_{22}O_8$	3-Carbomethoxy-4-(3',4',5'-trimethoxyphenyl)-6,7-methylenedioxy-1-tetralone	-	Sol	Group freq	Walker	JACS	75 (1953)	3390
$C_{22}H_{22}O_8$	Epipicropodophyllin	-	Sol	Group freq	Shrecker	JACS	75 (1953)	5916
$C_{22}H_{22}O_8$	Epipodophyllotoxin	-	Sol	Group freq	Shrecker	JACS	75 (1953)	5916
$C_{22}H_{22}O_8$	2-Hydroxymethylene-3-carboxy-4-(3',4'-dimethoxyphenyl)-6,7-dimethoxy-1-tetralone	-	-	Band freq	Walker	JACS	75 (1953)	3393
$C_{22}H_{22}O_8$	β-Peltatin-A-methyl ether	2-12 μ	Sol	Spec	Hartwell	JACS	74 (1952)	6285
$C_{22}H_{22}O_8$	Picropodophyllin	-	Sol	Group freq	Shrecker	JACS	75 (1953)	5916
		-	S	Band freq	Wildman	JACS	77 (1955)	1248

$C_{22}H_{22}O_8$	Podophyllotoxin	-	Sol	Group freq	Shrecker	JACS	75 (1953)	5916
		-	S	Band freq	Wildman	JACS	77 (1955)	1248
		700-5000	S	Group freq	Briggs	AC	29 (1957)	904
$C_{22}H_{22}O_9$	α-(3,4-Methylenedioxybenzyl)-α'-(3,4,5-trimethoxybenzylidene) succinic acid	-	Sol	Group freq	Walker	JACS	76 (1954)	6205
$C_{22}H_{23}ClN_2O_8$	Aureomycin	-	-	Band freq	Waller	JACS	74 (1952)	4981
		-	-	Band freq	Waller	JACS	74 (1952)	4981
		1-12.5 μ	Sol	Spec, Assign	Lacher	JPC	59 (1955)	610
$C_{22}H_{23}ClN_2O_8 \cdot HCl$	Aureomycin hydrochloride	1-12.5 μ	Sol	Spec, Assign	Lacher	JPC	59 (1955)	610
$C_{22}H_{23}ClN_2O_8$	Isoaureomycin	-	-	Band freq	Waller	JACS	74 (1952)	4981
$C_{22}H_{23}NO$	1-Methyl-3,5-di-(o-methylbenzylidene)-4-piperidone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{22}H_{23}NO$	1-Methyl-3,5-di-(p-methylbenzylidene)-4-piperidone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{22}H_{23}NO$	1-Methyl-3,5-di-(p-methylbenzyl)-4-pyridone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{22}H_{23}NO_3$	1-Methyl-3,5-di-(p-methoxybenzylidene)-4-piperidone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{22}H_{23}NO_3$	1-Methyl-3,5-di-(p-methoxybenzyl)-4-pyridone	-	S	Group freq	Leonard	JACS	77 (1955)	1852
$C_{22}H_{23}NO_3S$	N-p-Diphenylyl-N-2'-methoxyethyltoluene-p-sulfonamide	-	S,Sol	Group freq	Baxter	JCS	- (1955)	669
$C_{22}H_{23}N_3O_2$	1,1-Bis-[1',2'-methyl-1',2'-dihydroisoquinolyl] nitroethane	-	-	Ident	Leonard	JACS	71 (1949)	3405
$C_{22}H_{23}N_3O_5S_2$	2-Morpholino-p-phenylene dibenzenesulfonamide	-	-	Ident, Spec	Adams	JACS	74 (1952)	2597

$C_{22}H_{24}NO_3P$	Dibenzyl 2-phenylethyl aminophosphonate	-	S,Sol	Group freq	Bellamy	JCS	- (1952)	1701
		-	-	Freq	Bell	JACS	76 (1954)	5185
$C_{22}H_{24}N_2O\cdot 2HBr$	5-Benzyl-7-(1-piperidyl-methyl)-8-quinolinol dihydrobromide	-	-	Struct	Edgerton	JACS	74 (1952)	5209
$C_{22}H_{24}N_2O_4$	Vomicine	-	Sol	Band freq	Ek	JACS	76 (1954)	5579
		-	-	Band freq, H bond	Witkop	JACS	76 (1954)	5603
$C_{22}H_{24}N_2O_8$	Tetracycline	1-12.5 μ	Sol	Spec, Assign	Lacher	JPC	59 (1955)	610
$C_{22}H_{24}N_2O_9$	Terramycin	-	-	Struct	Hochstein	JACS	74 (1952)	3708
		2-16 μ	S	Struct	Hochstein	JACS	75 (1953)	5455
		1-12.5 μ	Sol	Spec, Assign	Lacher	JPC	59 (1955)	610
$C_{22}H_{24}N_2O_9\cdot 2H_2O$	Terramycin dihydrate	2-16 μ	S	Spec	Regna	JACS	73 (1951)	4211
$C_{22}H_{24}N_2O_9\cdot HCl$	Terramycin hydrochloride	2-16 μ	S	Spec	Regna	JACS	73 (1951)	4211
		1-12.5 μ	Sol	Spec, Assign	Lacher	JPC	59 (1955)	610
$C_{22}H_{24}N_4O_5$	1,4-(5',6'-Diketodeca-methylene) benzene mono-2,4-dinitrophenyl-hydrazone	-	S	Group freq	Cram	JACS	76 (1954)	2743
$C_{22}H_{24}OSi$	Triphenylsilylethyl ethyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{22}H_{24}OSi$	Triphenylsilylpropyl methyl ether	-	-	Inductive effect	Josien	CPR	249 (1959)	826
$C_{22}H_{24}O_3$	Ethyl β-duroyl-β-phenyl acrylate	-	-	Group freq, I	Fuson	JACS	74 (1952)	1629
$C_{22}H_{24}O_4$	α-Dihydroequilenin diacetate	700-1400	Sol	Spec, Band freq	Scheer	JACS	77 (1955)	3300
$C_{22}H_{24}O_4$	β-Dihydroequilenin diacetate	-	Sol	Band freq	Scheer	JACS	77 (1955)	3300

$C_{22}H_{24}O_5$	4,4'-Bis-(p-acetoxyphenyl)-3-hexanone	2-13 μ	Sol	Spec	Lane	JACS	73 (1951)	4408
$C_{22}H_{24}O_6$	1-(3',4'-Dimethoxyphenyl)-2-carboxy-3-hydroxy--methyl 6,7-dimethoxytetralin lactone	-	Sol	Band freq	Walker	JACS	75 (1953)	3393
$C_{22}H_{24}O_7$	6,7-Methylenedioxy-1-(3,4,5-trimethoxyphenyl)-3-methyl-1,2,3,4-tetrahydro-2-naphthoic acid	2-13 μ	S	Spec	Shrecker	JACS	75 (1953)	5916
$C_{22}H_{24}O_8$	Desoxypodophyllic acid	2-13 μ	S	Spec	Shrecker	JACS	75 (1953)	5916
$C_{22}H_{24}O_8$	Isodesoxypodophyllic acid	2-13 μ	S	Spec	Shrecker	JACS	75 (1953)	5916
$C_{22}H_{24}O_8$	α-(3,4,5-Trimethoxybenzyl)β-(α'-hydroxy-3',4'-methylenedioxybenzyl) butyrolactone	-	-	Group freq	Drake	JACS	77 (1955)	1204
$C_{22}H_{24}O_8$	α-(3,4,5-Trimethoxybenzyl)-β-(3',4'-methylenedioxybenzoyl)-butyric acid	-	-	Band freq	Drake	JACS	77 (1955)	1204
$C_{22}H_{24}O_9$	α-(3,4-Methylenedioxybenzyl)-α'-(3,4,5-trimethoxybenzyl)-succinic acid	-	S	Group freq	Walker	JACS	76 (1954)	6205
$C_{22}H_{24}Si$	Diphenyl-p-tert-butylphenylsilane	2-16 μ	Sol	Group freq	Kniseley	SA	15 (1959)	651
$C_{22}H_{25}IO_3$	3-Acetoxy-17-(iodoacetyl)-$\Delta^{1,3,5(10),16}$-estratetraene	-	Sol	Band freq	Djerassi	JACS	76 (1954)	1722

$C_{22}H_{25}NO$	1-Cyclohexyl-cis-2-methyl-3-(p-phenylbenzyl) ethylenimine	650-4000	S,Sol	Group freq, I	Cromwell	JACS	75 (1953)	6252
$C_{22}H_{25}NO$	1-Cyclohexyl-trans-2-methyl-3-(p-phenylbenzoyl) ethylenimine	650-4000	S,Sol	Group freq, I	Cromwell	JACS	75 (1953)	6252
$C_{22}H_{25}NO$	cis-1-cyclohexyl-2-phenyl-3-p-toluyl-ethyleneimine	2-16 μ	S,Sol	Spec, Group freq	Cromwell	JACS	73 (1951)	1044
$C_{22}H_{25}NO$	trans-1-cyclohexyl-2-phenyl-3-p-toluyl-ethyleneimine	2-16 μ	S,Sol	Spec, Group freq	Cromwell	JACS	73 (1951)	1044
$C_{22}H_{25}NO$	β-Mesitoyl-α-mesityl-propionitrile	-	-	Group freq	Fuson	JACS	74 (1952)	1631
$C_{22}H_{25}NO_2$	(2,4-Dioxo-3,3-diphenyl-cyclobutyl)-triethyl-ammoniumbetaine	0-15 μ	S	Spec, Band freq	Prueth	JACS	74 (1952)	1633
$C_{22}H_{25}NO_4$	Anacyclin maleic anhydride adduct	-	S	Freq	Crombie	JCS	- (1955)	999
$C_{22}H_{25}NO_4$	5-Methyl-2,3,10,11-tetramethoxy-7,8,15,16-tetrahydrobenzo[a] phenanthridine	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{22}H_{25}NO_6$	Colchicine	1250-1800	Sol	Struct, Spec	Scott	JACS	72 (1950)	240
		6.75-7.25 μ	Sol,L	Spec	Horowitz	JACS	74 (1952)	587
$C_{22}H_{25}NO_6$	Isocolchicine	6.75-7.25 μ	Sol,L	Spec	Horowitz	JACS	74 (1952)	587
		-	Sol	Spec	Raffauf	JACS	76 (1954)	1707
$C_{22}H_{26}$	9-Octylphenanthrene	2-15 μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{22}H_{26}N_2O_3$	Pseudoakuammigene	-	S	Group freq, Band freq	Robinson	JCS	- (1954)	3522
$C_{22}H_{26}N_2O_3$	Akuammigol acetate	-	S	Group freq, Band freq	Robinson	JCS	- (1954)	3479

S Band freq, Group freq Robinson JCS - (1954) 3479

$C_{22}H_{26}N_2O_3 \cdot H_2O$	Akuammigol acetate monohydrate	-	S	Band freq, Group freq	Robinson	JCS	- (1954)	3479
$C_{22}H_{26}N_2O_4$	Aricine	-	-	Spec, Group freq	Hochstein	JACS	77 (1955)	3551
$C_{22}H_{26}N_2O_4 \cdot HCl$	Tetradehydro reserpinediol hydrochloride	-	S	Group freq	MacPhillamy	JACS	77 (1955)	4335
$C_{22}H_{26}N_4$	Calycanthine	2900-3100	Sol	Freq	Hill	JCS	- (1958)	760
$C_{22}H_{26}O$	α-n-Butylbenzalaceto-mesitylene	-	-	Group freq	Fuson	JOC	18 (1953)	1263
$C_{22}H_{26}O_2$	Sym-di-(p-carbethoxy-trimethylenephenyl) ethane cyclicacyloin	-	-	Group freq	Fuson	JACS	74 (1952)	1621
$C_{22}H_{26}O_2$	1,4-Di-(2-hydroxy-3,4,6-trimethylphenyl)-1,3-butadiene	-	-	Spec, Struct, Band freq	Smith	JACS	73 (1951)	3851
$C_{22}H_{26}O_2S_2$	Diphenyldithio sebacate	2.5-16 μ	Sol	Struct	Nyquist	SA	15 (1959)	514
$C_{22}H_{26}O_3$	17-Acetyl-$\Delta^{1,3,5(10),16}$ estratetraene-3-ol-acetate	700-1400	Sol	Ident, Band	Jones	JACS	78 (1956)	1152
$C_{22}H_{26}O_3$	Ethyl β-duroyl-β-phenyl propionate	-	-	Group freq	Fuson	JACS	74 (1952)	1629
$C_{22}H_{26}O_3$	$\Delta^{1,3,5;10}$-17-Ethynyl-estratrienediol-3,17-acetate	-	Sol	Group freq	Jones	JACS	72 (1950)	956
		-	Sol	Group freq, Spec, Struct	Jones	JACS	74 (1952)	2820

$C_{22}H_{26}O_4$	1,4-Di(2-hydroxy-3,4,5-trimethylphenyl)butane 1,4-dione	-	-	Band freq, Spec, Struct	Smith	JACS	73 (1951)	3847
$C_{22}H_{26}O_4$	1,4-Di-(2-hydroxy-3,4,6-trimethylphenyl)-butane-1,4-dione	-	-	Band freq, Spec, Struct	Smith	JACS	73 (1951)	3847
$C_{22}H_{26}O_4$	Ethyl β-duroyl-β-hydroxy-β-phenylpropionate	-	-	Group freq	Fuson	JACS	73 (1951)	1629
$C_{22}H_{26}O_6$	1-(3',4'-Dimethoxy-2phenyl) 2-carboxy-3-methyl-6,7-dimethoxytetralin	-	-	Band freq	Walker	JACS	75 (1953)	3393
$C_{22}H_{26}O_6$	$\Delta^{4,20}$-17α,20,21-trihydroxy-3,11-diketo-pregnadiene-22-carboxy-17-lactone	-	-	Band freq	Leanza	JACS	76 (1954)	1691
$C_{22}H_{26}O_6S_2$	meso-3,4-Di-(5-acetoxy-acetyl-2-thienyl)hexane	3-14.5μ	S	Band freq	Sice	JACS	75 (1953)	1628
$C_{22}H_{26}O_7$	Gibberellin A	-	Sol,S	Ident	Cross	JCS	- (1954)	4670
$C_{22}H_{26}O_7$	Limonin	2-16 μ	S	Spec, Freq, Struct	Rosenfeld	JACS	73 (1951)	2491
$C_{22}H_{26}O_8$	Methyl acetylgibberellate	-	S	Group freq	Cross	JCS	- (1954)	4670
$C_{22}H_{26}O_8$	2-Hydroxymethyl-3-carboxy-4-(3 ,4 -dimethoxyphenyl)-6,7-dimethoxy-1-tetralol	-	S	Band freq	Walker	JACS	75 (1953)	3393
$C_{22}H_{26}O_8$	Triacetylglaucanlol	-	-	Group study	Ham	JACS	76 (1954)	6066

$C_{22}H_{27}NO_5$	1-(3',4'-Dimethoxyphenyl)-2-acetylamino-6,7-dimethoxytetralin	-	Sol	Band freq	Walker	JACS	76 (1954)	3999
$C_{22}H_{28}$	3,3-Dimesityl-1-butene	-	-	Group freq	Fuson	JACS	76 (1954)	499
$C_{22}H_{28}$	1,2,3,6-Tetramethyl-3-ethyl-1-p-tolylindan	7-15 μ	L	Spec	Pines	JACS	72 (1950)	1563
$C_{22}H_{28}N_2O_2$	Aspidospermine	-	-	Group freq, I, Struct	Witkop	JACS	76 (1954)	5603
$C_{22}H_{28}N_2O_3$	O-Acetylhexahydro-serpentinol	-	-	Group freq, Struct	Klohs	JACS	76 (1954)	1332
$C_{22}H_{28}N_2O_3$	Aspidospermine N^b-oxide	2.71-11.27 μ	Sol	Group freq, I	Witkop	JACS	76 (1954)	5603
$C_{22}H_{28}N_2O_3$	N-Methylyohimbine	-	-	Group freq	Huebner	JACS	77 (1955)	469
$C_{22}H_{28}N_2O_3$	Strychnospermine	-	-	Group freq	Anet	JCS	- (1955)	2253
$C_{22}H_{28}N_2O_4 \cdot HNO_3$	Methyl canescate nitrate	-	S	Group freq	Klohs	JACS	77 (1955)	4084
$C_{22}H_{28}N_2O_5 \cdot HCl$	Reserpic acid	-	S	Struct	Neuss	JACS	76 (1954)	2463
	hydrochloride	-	-	Ident	Klohs	JACS	77 (1955)	2241
$C_{22}H_{28}O$	1-Phenyl-1-mesityl-2,2-dimethylpenten-4-ol-1	-	-	Band freq, Spec	Geissman	JACS	73 (1951)	5759
$C_{22}H_{28}O_2$	p,p'-Bibenzyl-1,10-n-octane cyclodiether	-	-	Group freq	Fuson	JACS	75 (1953)	1325
$C_{22}H_{28}O_2$	1,8-Di-n-hexanoyl-naphthalene	-	-	Band freq	Bannister	JCS	- (1951)	1061
$C_{22}H_{28}O_3$	3β-Acetoxy-17-acetyl-5,7,9-estratriene	-	Sol	Band freq	Scheer	JACS	77 (1955)	3300
$C_{22}H_{28}O_4$	Dimethylcrocetin (central-cis)	6.8-14 μ	S,Sol	Spec, Band freq	Lunde	JACS	77 (1955)	1647

$C_{22}H_{28}O_4$	Dimethylcrocetin (all-trans)	6.8-14 μ	S,Sol	Spec, Band freq	Lunde	JACS	77 (1955)	1647
$C_{22}H_{28}O_4$	11β-6-endo-Dimethyl-6-exo-hydroxy-9α-acetoxy-2,3-(1'-methoxy-7',8'-dihydro-6',5'-naphtho)-Δ^2-bicyclo[3.3.1] nonene	3100-3750	Sol	H bond	West	JOC	25 (1960)	1976
$C_{22}H_{28}O_4$	1β,6-endo-Dimethyl-6-exo-hydroxy-9β-acetoxy-2,3-(1'-methoxy-7',8'-dihydro-6',5'-naphtho)-Δ^2-bicyclo[3.3.1]nonene	3100-3750	Sol	H bond	West	JOC	25 (1960)	1976
$C_{22}H_{28}O_4$	Estradiol diacetate	-	Sol	Band freq	Scheer	JACS	77 (1955)	3300
$C_{22}H_{28}O_4$	17β-Estradiol-16-C^{14}-diacetate	-	-	Ident	Levitz	JACS	75 (1953)	5352
$C_{22}H_{28}O_4$	$\Delta^{1,3,5(10)}$-Estratrien-3,17α-diol diacetate	-	-	Assign	Jones	JACS	70 (1948)	2024
		1698-1810	Sol	Spec, Group study	Jones	JACS	74 (1952)	80
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
		700-1400	Sol	Band, Ident	Jones	JACS	78 (1956)	1152
$C_{22}H_{28}O_4$	$\Delta^{1,3,5(10)}$-Estratrien-3,17β-diol diacetate	700-1400	Sol	Band freq, Ident	Jones	JACS	78 (1956)	1152
$C_{22}H_{28}O_4$	dl-5,7,9-Estratriene-3β,17β-diol diacetate	720-1630	S,Sol	Band freq	Scheer	JACS	77 (1955)	3300
$C_{22}H_{28}O_4$	Galbulin	2-13 μ	Sol	Spec, Ident	Shrecker	JACS	77 (1955)	432
		2-15 μ	S	Group freq	Briggs	AC	29 (1957)	904
$C_{22}H_{28}O_4$	Isogalbulin	2-15 μ	Sol	Spec	Schrecker	JACS	77 (1955)	432
$C_{22}H_{28}O_5$	Galgravin	2-15 μ	S	Group freq	Briggs	AC	29 (1957)	904
$C_{22}H_{28}O_6$	Isoquassin	650-3000	S	Spec, Struct, Ident	Adams	JACS	72 (1950)	375

$C_{22}H_{28}O_7$	Anhydrocedronylin	-	-	Group study	Polonsky	BSCF	- (1960)	1845
$C_{22}H_{28}O_7$	Ethyl-α-methyl-β-hydroxy-β,β-di-(3,4-dimethoxyphenyl)-propionate	-	-	Group freq	Walker	JACS	75 (1953)	3387
$C_{22}H_{29}BrO_2$	p-Hydroxy-p'-(ω-bromo-n-octyloxy)-bibenzyl	-	-	Freq	Fuson	JACS	75 (1953)	1325
$C_{22}H_{29}N$	4-Dimethylamino-2':5'-diisopropylstilbene	960	Sol	Band freq	Orr	SA	8 (1956)	218
$C_{22}H_{29}NO_2$	1,1-Diphenyl-1-(β-diethylaminoethoxy)-2-butanone	-	-	Group freq, Ident	Kaufmann	JACS	76 (1954)	5794
$C_{22}H_{30}$	9-Octyl-1,2,3,4-tetrahydrophenanthrene	2-15 μ	-	Struct, Ident	Cagniant	BSCF	- (1957)	1403
$C_{22}H_{30}$	1-p-Tolyl-1-(2-methyl-5-isobutylphenyl)-2-methylpropane	7-15 μ	L	Spec	Pines	JACS	72 (1950)	1563
$C_{22}H_{30}IN_2O$	N-Methyldeacetylaspidospermine methiodide	2.89-13.4 μ	S	Group freq, I, Ident	Witkop	JACS	76 (1954)	5603
$C_{22}H_{30}IN_2O.HI.H_2O$	N-Methyldeacetylaspidospermine methiodide hydriodide hydrate	2.95-12.63 μ	S	Group freq, I	Witkop	JACS	76 (1954)	5603
$C_{22}H_{30}N_2$	p,p'-Diaminobibenzyl-N,N'-octamethylene	-	-	Group freq	Fuson	JACS	75 (1953)	1327
$C_{22}H_{30}N_2O$	1,1-Diphenyl-1-(β-diethylaminoethoxy)-2-butanimine	-	-	Group freq, Ident	Kaufmann	JACS	76 (1954)	5794
$C_{22}H_{30}N_2O$	Ethyldeacetylaspidospermine	6.29-11.21 μ	Sol	Group freq, Ident	Witkop	JACS	76 (1954)	5603
$C_{22}H_{30}N_2O$	N-[2-(Ethylphenethylamino)propyl] propionanilide	3.35-3.60 μ	S	Group freq	Wright	JOC	24 (1959)	1362

$C_{22}H_{30}N_2O_3$	Reserpinol	-	-	Ident	MacPhillamy	JACS	77 (1955)	4335
$C_{22}H_{30}N_2O_3$	3-Isoreserpinol	-	-	Ident	MacPhillamy	JACS	77 (1955)	4335
$C_{22}H_{30}N_2O_4$	Reserpic alcohol	-	S	Struct	Neuss	JACS	76 (1954)	2463
$C_{22}H_{30}N_2O_4$	Reserpinediol	-	-	Ident	MacPhillamy	JACS	77 (1955)	4335
$C_{22}H_{30}N_2O_4$	3-Isoreserpinediol	-	-	Ident	MacPhillamy	JACS	77 (1955)	4335
$C_{22}H_{30}O_2$	2-t-Butyl-4-methoxy-2,3-dihydrophenyl duryl ketone	-	-	Group freq	Fuson	JACS	76 (1954)	5466
$C_{22}H_{30}O_2$	$\Delta^{13(17a),17(20)}$-3,5-Cyclo-17-ethyletiojervadien-6β-ol-11-one 6-methyl ether	-	S	Band freq	Herz	JACS	76 (1954)	5621
$C_{22}H_{30}O_2$	1,4-Di-(2-hydroxy-3,4,6-trimethylphenyl)-butane	-	-	Spec, Band freq	Smith	JACS	73 (1951)	3847
$C_{22}H_{30}O_2$	$\Delta^{5,13(17a),17(20)}$-17-Ethyletiojervatrien-3β-ol-11-one-3-methyl ether	-	S	Band freq	Herz	JACS	76 (1954)	5621
$C_{22}H_{30}O_2$	4-Keto-6-t-amyl-1-cyclohexenyl duryl ketone	-	-	Group freq	Fuson	JACS	76 (1954)	5466
$C_{22}H_{30}O_2$	Δ^4-16,17-Methylene-pregnenedione-3,20	-	Sol	Band freq, Spec	Jones	JACS	74 (1952)	2820
$C_{22}H_{30}O_2S$	4,4-Thiobis(6-t-butyl-m-cresol)	-	-	Group study	Spell	AC	32 (1960)	1811
$C_{22}H_{30}O_2S_2$	Di-(2-hydroxy-3-t-butyl-5-methylphenyl) disulphide	-	L,Sol, S	Struct, Assign	Binder	JACS	81 (1959)	3608

$C_{22}H_{30}O_2S_2$	Di-(4-hydroxy-2-methyl-5-t-butylphenyl) disulphide	-	S,Sol, L	Struct, Assign	Binder	JACS	81 (1959)	3608
$C_{22}H_{30}O_3$	3β-Formoxy-$\Delta^{5,16}$-pregnadien-20-one	-	-	Group freq	Hirschmann	JOC	20 (1955)	572
$C_{22}H_{30}O_3$	Methyl-α-(3β-hydroxy-5,7 9-estratrien-17-yl) propionate	- -	Sol Sol	Group freq Band freq	Mosettig Scheer	JOC JACS	17 (1952) 77 (1955)	764 3300
$C_{22}H_{30}O_4$	l-Dihydroguaiaretic acid dimethyl ether	2-13 μ	Sol	Spec	Schrecker	JACS	77 (1955)	432
$C_{22}H_{30}O_4$	1,4-Di-(2-hydroxy-3,4,6-trimethylphenyl)-butane -1,4-diol	-	-	Spec, Struct, Band, Freq	Smith	JACS	73 (1951)	3851
$C_{22}H_{30}O_4$	3,11-Diketobisnor-4-cholenic acid	-	-	Struct	Meister	JACS	76 (1954)	5679
$C_{22}H_{30}O_4$	1β,6-endo-Dimethyl-6-exo-hydroxy-9α-acetoxy-2,3-(1'-methoxy-5β,6β, 7',8'-tetrahydro-6',5'-naphtho)-bicyclo[3.3.1] nonane	3100-3750	Sol	H bond	West	JOC	25 (1960)	1976
$C_{22}H_{30}O_4$	dl-3-keto-16,17-dihydroxy-$\Delta^{5,9(11)}$-10-epi-4-oxa-D-homoandrostadiene acetonide(α enol lactone)	2-12 μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{22}H_{30}O_4$	dl-3-keto-16,17-dihydroxy-$\Delta^{5,9(11)}$-4-oxa-D-homo-androstadiene acetonide (β enol lactone)	2-12 μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{22}H_{30}O_4$	Libocedrol	2.5-15 μ	Sol	Spec, Struct, Group freq	Zavarin	JOC	20 (1955)	788

$C_{22}H_{30}O_4$	19-Nor-desoxycorticosterone acetate	-	Sol	Group freq	Sandoval	JACS	75 (1953)	4117
		-	Sol	Struct, Ident	Sandoval	JACS	77 (1955)	148
$C_{22}H_{30}O_5$	17α-Hydroxydehydrocorticosterone-21-methyl ether	-	-	Group freq	Huang	JACS	76 (1954)	2396
$C_{22}H_{30}O_6$	2,4b-Dimethyl-2-acetyl-7-ethylenedioxy-1,2,3,4,4aα,4b,5,6,7,8,10,10aβ-dodecahydrophenanthrene-4β-ol-1-one acetate	-	S	Group freq	Lukes	JACS	75 (1953)	1707
$C_{22}H_{30}O_6$	1,14-Dimethyl-2,6,7-triacetoxy-$\Delta^{1,10}$-decahydrophenanthrene	2-12 μ	Sol	Band freq	Woodward	JACS	74 (1952)	4223
$C_{22}H_{30}O_6$	Neoquassin	650-3600	S	Spec, Ident, Struct	Adams	JACS	72 (1950)	375
		-	S	Group freq	Hanson	JCS	- (1954)	4238
$C_{22}H_{30}O_6$	Quassin	650-3600	S	Spec, Ident, Struct	Adams	JACS	72 (1950)	375
		-	S	Group freq	Hanson	JCS	- (1954)	4238
$C_{22}H_{30}O_7$	Alloquassinolic acid	-	S	Group freq	Hanson	JCS	- (1954)	4238
$C_{22}H_{31}Cl_3O_5$	Δ^4-Pregnene-11α,17α,21-triol-3,20-dione 1:1-chloroform adduct	-	S	Freq	Cords	JACS	75 (1953)	5416
$C_{22}H_{32}$	1-Dodecylnaphthalene	691-3238	L	Table, I	Anderson	JCS	- (1953)	443
$C_{22}H_{32}$	2-Dodecylnaphthalene	720-3248	L	Table, I	Anderson	JCS	- (1953)	443
$C_{22}H_{32}N_2$	d-6-Benzylsparteine	-	Sol	Band freq	Leonard	JACS	77 (1955)	1552
$C_{22}H_{32}N_2 \cdot HClO_4$	d-6-Benzylsparteine perchlorate	-	S	Band study	Leonard	JACS	77 (1955)	1552
$C_{22}H_{32}O_2$	3-Ketobisnor-4-cholenaldehyde	-	S	Ident	Shepperd	JACS	77 (1955)	1212

$C_{22}H_{32}O_2$	Δ^5-16,17-Methylene-pregnenol-3β-one-20	-	Sol	Band freq, Struct	Jones	JACS	74 (1952)	2820
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
$C_{22}H_{32}O_2$	$\Delta^{5,16}$-16α-Methylpregna-dienol-3β-one-20	-	Sol	Group freq	Cole	JACS	74 (1952)	5571
$C_{22}H_{32}O_2$	Δ^4-16α-Methylpregnene-dione-3,20	-	Sol	Band freq, Spec, Struct	Jones	JACS	74 (1952)	2820
$C_{22}H_{32}O_2$	Δ^4-16-Methyl-17-iso-pregnenedione-3,20	-	Sol	Band freq, Spec, Struct	Jones	JACS	74 (1952)	2820
$C_{22}H_{32}O_3$	Δ^4-Androstenol-17α-one-3-propionate	-	-	Assign	Jones	JACS	70 (1948)	2024
		1530-1800	S	Group freq	Meda	SA	13 (1958)	75
$C_{22}H_{32}O_3$	Δ^4-Androstenol-17β-one-3-propionate	-	Sol,S	Group freq	Tarpley	APS	9 (1955)	69
$C_{22}H_{32}O_3$	Δ^5-Androstenol-3β-one-17-propionate	-	-	Assign	Jones	JACS	70 (1948)	2024
$C_{22}H_{32}O_3$	Δ^4-16α-Methoxypregnene dione-3,20	-	Sol	Band freq, Spec, Struct	Jones	JACS	74 (1952)	2820
$C_{22}H_{32}O_3$	Δ^4-19-Norpregnen-20-ol -3-one acetate	-	Sol	Band freq	Djerassi	JACS	75 (1953)	4440
$C_{22}H_{32}O_4$	Δ^5-3β-Acetoxyetio-cholenic acid	-	Sol,S	Group freq	Tarpley	APS	9 (1955)	69
$C_{22}H_{32}O_4$	17β-Acetoxy-3β-methoxy-androst-5-en-16-one	-	Sol	Band freq, Group study	Bellamy	JCS	- (1957)	861
$C_{22}H_{32}O_4$	6β-Acetoxy-17α-methyl-testosterone	-	-	Ident	Eppstein	JACS	76 (1954)	3174
$C_{22}H_{32}O_4$	3,11-Diketobisnor-cholanic acid	-	-	Struct	Meister	JACS	76 (1954)	5679

$C_{22}H_{32}O_4$	2α,4b-Dimethyl-2-methallyl-7-ethylenedioxy-1,2,3,4,4aα,4b,5,6,7,8,10,10aβ-dodecahydrophenanthrene-4β-ol-1-one	-	S	Band freq	Sarett	JACS	75 (1953)	2112
$C_{22}H_{32}O_4$	Ethyl 3-keto-8,19-oxido-etioallocholanate	850-1219	Sol	Spec, Ident, Struct	Ehrenstein	JOC	16 (1951)	335
$C_{22}H_{32}O_4$	$\Delta^{9(11)}$-3α-Hydroxy-12-ketobisnorcholenic acid	-	S,Sol	Group freq	Tarpley	APS	9 (1955)	69
$C_{22}H_{32}O_5$	1-(β-Carboxyethyl)-1,14-dimethyl-2-keto-6,7-dihydroxy-Δ^{10}-dodecahydrophenanthrene acetonide, α-isomer	2-12 μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{22}H_{32}O_5$	1-(β-Carboxyethyl)-1,14-dimethyl-2-keto-6,7-dihydroxy-Δ^{10}-dodecahydrophenanthrene acetonide, β isomer	2-12 μ	Sol	Spec	Woodward	JACS	74 (1952)	4223
$C_{22}H_{32}O_5$	D-Homoetiochololactone-3α-ol-11-one acetate	-	Sol	Group freq	Wendler	JACS	77 (1955)	3559
$C_{22}H_{32}O_5$	Isopropylideneanhydroandomedotoxin	-	Sol	Group freq	Wood	JACS	76 (1954)	5689
$C_{22}H_{32}O_8$	Methyl alternarate	-	S	Group freq, Spec	Grove	JCS	- (1952)	4056
$C_{22}H_{32}O_{12}$	Ethyl 1,1,2,2,3,4-butene-3 hexacarboxylate	-	S	Group freq, Ident	Overberger	JACS	75 (1953)	6058
$C_{22}H_{32}O_{12}$	Ethyl 1,1,2,2,3,4-cyclobutane hexacarboxylate	2-13 μ	S	Spec, Struct, Band freq freq	Reid	JACS	73 (1951)	1985
$C_{22}H_{32}Si$	Diphenyl-n-decylsilane	2-16 μ	Sol	Group freq	Kniseley	SA	15 (1959)	651

$C_{22}H_{33}BrO_4$	21-Bromopregnanediol -3α,17α-one-20-formate-3	-	Sol	Band freq, Spec	Jones	JACS	74 (1952)	2820
$C_{22}H_{33}ClO_5S$	Ethyl 3α-chloro-5,19-dihydroxy etiocholanate 5,19-sulfite, form A	800-1150	Sol	Spec, Ident	Herzig	JOC	17 (1952)	724
$C_{22}H_{33}ClO_5S$	Ethyl 3α-chloro-5,19-dihydroxyetiocholanate 5,19-sulfite, form B	800-1150	Sol	Spec, Ident	Herzig	JOC	17 (1952)	724
$C_{22}H_{33}NO_2$	Atisine	-	-	Struct, Group freq	Pelletier	JACS	76 (1954)	4496
$C_{22}H_{33}NO_2$	Isoatisine	-	-	Struct, Group freq	Pelletier	JACS	76 (1954)	4496
$C_{22}H_{33}NO_2$	Cuauchichicine	-	Sol	Group freq	Djerassi	JACS	76 (1954)	5889
$C_{22}H_{33}NO_2$	Geralbine	-	-	Struct	Stoll	JACS	74 (1952)	4728
$C_{22}H_{34}O$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-2-enylidene)nona-2,4-cis, 6-trien-8-ol ethyl ether	2-16 μ	Sol	Spec	Oroshink	JACS	76 (1954)	5719
$C_{22}H_{34}O$	3,7-Dimethyl-1-(2,6,6-trimethylcyclohex-2-enylidene)nona-2,4-trans, 6-trien-8-ol ethyl ether	2-16 μ	Sol	Spec	Oroshink	JACS	76 (1954)	5719
$C_{22}H_{34}O_2$	3-Ketobisnorallocholan -22-al	-	-	Ident	Slomp	JACS	77 (1955)	1216
$C_{22}H_{34}O_2$	3-Ketobisnorcholan -22-al	-	-	Struct	Slomp	JACS	77 (1955)	1216
$C_{22}H_{34}O_2$	3β-Methoxy-5-pregnen-20-one	2-13 μ	S,Sol	Spec, Struct	Josien	JACS	73 (1951)	4445
$C_{22}H_{34}O_2$	6-Methoxy-i-pregnan-20-one	2-13 μ	S,Sol	Spec, Freq, Struct	Josien	JACS	73 (1951)	4445

$C_{22}H_{34}O_2$	Δ^5-16α-Methylpregnenol-3β-one-20	-	Sol	Band freq, Spec, Struct	Jones	JACS	74 (1952)	2820
		-	Sol	Group freq	Cole	JACS	74 (1952)	5571
$C_{22}H_{34}O_2S_2$	3-(Ethylenedithioketal)-12α-hydroxy-13β-methyl-12-nor-11β,14α-abietan-15-oic lactone	-	S	Group freq	Subluskey	JACS	76 (1954)	3512
$C_{22}H_{34}O_3$	α-Dipiperitone acetate	740-2950	S	Group freq	Briggs	JCS	- (1953)	3788
$C_{22}H_{34}O_3$	β-Dipiperitone acetate	751-2941	S	Group freq	Briggs	JCS	- (1953)	3788
$C_{22}H_{34}O_3$	3β-Acetoxyetioallocholanic acid	2-12μ	Sol	Ident	Woodward	JACS	74 (1952)	4223
$C_{22}H_{34}O_3$	11α,22-Dihydroxybisnorallocholane-3,6-dione	-	-	Group freq	Meister	JACS	76 (1954)	5679
$C_{22}H_{34}O_4$	1,21-Docosadiene-5,7,16,18-tetraone	1500-3500	S	Freq, Assign, Struct	Martin	JACS	80 (1958)	4891
$C_{22}H_{34}O_4$	Pregnanediol-3α,17α-one-20-formate-3	-	Sol	Band freq, Spec, Struct	Jones	JACS	74 (1952)	2820
		-	Sol	Group freq	Jones	JACS	74 (1952)	5648
$C_{22}H_{34}O_4$	6β,11α,22-Trihydroxybisnor-4-cholen-3-one	-	-	Ident, Struct	Meister	JACS	76 (1954)	5679
$C_{22}H_{34}O_5$	Digitogenin lactone triol	-	S,Sol	Band freq	Klass	JACS	77 (1955)	3829
$C_{22}H_{34}O_5$	Ethyl 3β,5-dihydroxy-8,19-oxidoetiocholanate	-	-	Ident, Struct	Ehremstein	JOC	16 (1951)	335
$C_{22}H_{34}O_5$	Ethyl 3β,5-dihydroxy-19-oxoetiocholanate	850-1220	Sol	Spec, Ident, Struct	Ehremstein	JOC	16 (1951)	349
$C_{22}H_{34}O_5$	Δ^{14}-3,5,19-Trihydroxyetiocholenic acid ethyl ester	1580-3100	Sol	Group study, I	Jones	JACS	72 (1950)	86

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