

## FORMULA INDEX.

THE following index of organic compounds of known empirical formula is arranged according to Richter's system (see *Lexikon der Kohlenstoff-Verbindungen*).

The elements are given in the order C, H, O, N, Cl, Br, I, F, S, P, and the remainder alphabetically.

The compounds are arranged—

Firstly, in groups according to the number of carbon atoms (thus C<sub>1</sub> group, C<sub>2</sub> group, etc.).

Secondly, according to the number of other elements besides carbon contained in the molecule (thus 5 IV indicates that the molecule contains five carbon atoms and four other elements).

Thirdly, according to the nature of the elements present in the molecule (given in the above order).

Fourthly, according to the number of atoms of each single element (except carbon) present in the molecule.

Salts are placed with the compounds from which they are derived. The chlorides, bromides, iodides, and cyanides of quaternary ammonium bases, however, are registered as group-substances.

### C<sub>1</sub> Group.

- CH<sub>4</sub>** Methane, diffusion coefficient of, with air, 1085.  
**CN** Cyanogen, force constants and structure of, 1400.  
**CCl<sub>4</sub>** Carbon tetrachloride, polarisation of solutions of, 1915.

#### 1 II

- HCN** Hydrocyanic acid, force constants and structure of, 1400; polymerisation of, 1432.  
**CH<sub>2</sub>O** Formaldehyde, force constants and structure of, 1388.  
**CH<sub>2</sub>O<sub>2</sub>** Formic acid, reaction of, with *tert.*-butyl chloride, 1872.  
**CH<sub>2</sub>N<sub>2</sub>** Diazomethane, acylation of, 1913.  
**CH<sub>2</sub>S<sub>2</sub>** Dithioformic acid, and its potassium salt, 362.  
**CH<sub>5</sub>N<sub>4</sub>** Aminoguanidine, co-ordination compounds of, with metallic salts, 1358; determination of, volumetrically, 1325.  
**CND** Deuterium cyanide, force constants and structure of, 1400.  
**CCl<sub>2</sub>S** Thiocarbonyl chloride, reactions of, 1358.  
**CCl<sub>4</sub>S** Thiocarbonyl tetrachloride, constitution and reactions of, 827, 1629.

#### 1 III

- CHNS** Thiocyanic acid, cuprous salt, reaction of, with silver nitrate, 1438; potassium cobaltous salt, absorption spectrum of, 621.  
**CH<sub>3</sub>ND<sub>3</sub>** Methyldeuteramine, preparation and properties of, 127.  
**CH<sub>5</sub>ON<sub>3</sub>** Semicarbazide, co-ordination compounds of, with metallic salts, 1356; determination of, volumetrically, 1325.

### C<sub>2</sub> Group.

- C<sub>2</sub>H<sub>2</sub>** Acetylene, force constants and structure of, 1391.  
**C<sub>2</sub>H<sub>4</sub>** Ethylene, force constants and structure of, 1376, 1393.  
**C<sub>2</sub>Cl<sub>4</sub>** Tetrachloroethylene, force constants and structure of, 1393.  
**C<sub>2</sub>D<sub>4</sub>** Tetradeuterethylene, frequencies of, 1383.

#### 2 II

- C<sub>2</sub>H<sub>2</sub>O** Keten, force constants and structure of, 1387.  
**C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>** Oxalic acid, silver salt, temperature coefficient of thermal decomposition of, 273.  
**C<sub>2</sub>H<sub>2</sub>Br** Ethyl bromide, moments and polarisation of, in various solvents, 135.

#### 2 III

- C<sub>2</sub>H<sub>3</sub>N<sub>3</sub>S<sub>2</sub>** Dithiourazole, 1362.

### C<sub>3</sub> Group.

- C<sub>3</sub>H<sub>4</sub>** Allene, force constants and structure of, 1385.  
**C<sub>3</sub>H<sub>8</sub>** Propane, oxidation of, 1656, 1665, 1669.

#### 3 II

- C<sub>3</sub>H<sub>6</sub>O** Acetone, gaseous, photo-decomposition of, 352.  
Propaldehyde, liquid, polymerisation of, 1036.  
**C<sub>3</sub>H<sub>5</sub>O<sub>2</sub>** Propionic acid, physical properties of mixtures of, with piperidine in benzene, 462.  
**C<sub>3</sub>OCl<sub>6</sub>** Hexachloroacetone, 1945.

## 3 III

- $C_3HOC1_5$  Pentachloroacetone, 1945.  
 $C_3H_5OBr_4$  *as*-Tetrabromoacetone, 1944.  
 $C_3H_2N_4S_3$  Dithiocarbimidothiourea, 1361.  
 $C_3H_5O_2Br$   $\alpha$ -Bromopropionic acid, alcoholysis and hydrolysis of, 1208; and its sodium salt, action of silver salts on, 1243.  
 $C_3H_8O_2N_6$  Mesoxalhydrazide hydrazone, 1812.

## 3 IV

- $C_3H_8NC1_3S$  *S*-Dimethylaminotrichloromethylthiol, 1631.  
 $C_3H_5O_2N_6S$  *s*-Dicarbamidothiourea, 1360.  
 $C_3H_5Cl_1SHg_2$  Methyl ethyl sulphide dimercurichloride, 871.  
 $C_3H_5ClAsAu$  Chlorotrimethylarsinegold, 1832.  
 $C_3H_5IAu$  Iodotrimethylarsinegold, 1832.

C<sub>4</sub> Group.

- $C_4H_4N_4$  Aminoiminosuccinonitrile, hydrochloride of, 1436.  
 Diaminomaleinitrile, 920.  
 $C_4H_8O_4$  Acetyl peroxide, decomposition of, 1132.  
 $C_4H_9Cl$  *tert*.-Butyl chloride, reaction of, with formic acid, 1852.  
 $C_4H_9Br$  *tert*.-Butyl bromide, hydrolysis of, in acetone, 1853.  
 $C_4H_{11}N$  Diethylamine, salts of, with propionic acid, 1022.

## 4 III

- $C_4H_5ON_5$  Cyano-1:2:3-triazolecarboxamide, 1437.  
 $C_4H_2Cl_2S$  Dichlorodivinyll sulphide, 769.  
 $C_4H_5O_2Br$  Methyl  $\alpha$ -bromopropionate, alcoholysis and hydrolysis of, 1208; action of silver salts on, 1243.  
 $C_4H_5O_5N$  Methyl  $\alpha$ -nitratopropionate, 1249.  
 $C_4H_8N_3S$  2-Amino-5-methyl-1:3:4-thiadiazine, and its salts, 558.  
 2-Keto-4-methyl-2:3-dihydrothiazole-2-hydrazone, and its picrate, 558.  
 $C_4H_5O_4N_2$  Tartramides, 1518.  
 $C_4H_8N_2S_2$  Ethylenebisthiioformamide, 363.  
 $C_4H_5O_5N_3$  Acetyl-5-nitro-1-methoxyphthalaz-4-one, 1845.  
 $C_4H_10O_2Mn$  Manganese ethoxide, 1408.

## 4 IV

- $C_4H_5ONBr$   $\alpha$ -Bromocyanoacetone, 925.  
 $C_4H_5ClSAu$  Chlorodiethylsulphidegold, 1833.  
 $C_4H_5Cl_1SHg_2$  Methyl *n*-propyl sulphide mercurichloride, 871.  
 $C_4H_{12}N_2Cl_2Pd$  *iso*Butylenediaminopalladous chloride, 948.  
 $C_4H_{12}N_2Cl_2Pt$   $\beta$ -Methyltrimethylenediaminoplatinous chloride, 1550.  
 $C_4H_7N_4ClCo$  *trans*-Trichloroethylenediaminocobaltethylenediamine hydrochloride, 509.  
 $C_4H_{18}O_2N_4Cu$  Bisethylenediaminocupric hydroxide, salts of, 948.

## 4 V

- $C_4H_5NSAsAu$  Thiocyanatotrimethylarsinegold, 1832.  
 $C_4H_9O_2N_4Cl_4Co_2$  *trans*-Hydroxoquoobisethylenediaminecobaltic cobaltchloride, 509.

C<sub>5</sub> Group.

- $C_5H_6$  *cyclo*Pentadiene, determination of, 797.

## 5 II

- $C_5H_5N$  Pyridine, compounds of, with cobaltous salts, 1558.  
 $C_5H_{10}O_2$  *tert*.-Butyl formate, 1852.  
 $C_5H_{11}N$  Piperidine, physical properties of mixtures of, with propionic acid in benzene, 462.  
 $C_5H_{12}O_4$  Pentaerythritol, crystal structure of, 883.

## 5 III

- $C_5H_4N_6S_5$  3:5-Dithiocarbimidothiocarbonyldithiourea, 1362.  
 $C_5H_5N_4S_3$  *NN'*-Dithiocarbimidodimethylthiourea, 1361.  
 $C_5H_5ON$   $\alpha$ -Piperidone, association of, 495.  
 $C_5H_{10}O_2S$   $\alpha$ -Ethylsulphonyl- $\Delta^{\beta}$ -propylene, 312.  
 $C_5H_{10}O_2N_2$   $\alpha\delta$ -Diamino- $\gamma$ -ketovaleric acid, dihydrobromide of, 1167.  
 $C_5H_{10}O_4N_2$  *dl*-Erythro- $\alpha$ -hydroxy- $\beta$ -methoxysuccindiamide, 1518.  
 $C_5H_{12}OS$   $\gamma$ -Hydroxy- $\alpha$ -ethylthiopropene, 314.  
 $C_5H_{12}O_2N_2$  Ethyl 5-hydroxyvalerate hydrazone, 374.

## 5 IV

- $C_5H_4O_2N_6S_3$  3:5-Dithiocarbimidothiocarbonyldiurea, 1360.  
 $C_5H_{10}O_2Br_2S$   $\beta\gamma$ -Dibromo- $\alpha$ -ethylsulphonylpropane, 312.

- $C_2H_{10}NCl_2S$  *S*-Diethylaminotrichloromethylthiol, 1631.  
 $C_5H_{11}OCIS$   $\gamma$ -Chloro- $\beta$ -hydroxy- $\alpha$ -ethylthiopropane, 313.  
 $C_5H_{11}O_3ClS$   $\gamma$ -Chloro- $\beta$ -hydroxy- $\alpha$ -ethylsulphonylpropane, 313.

**C<sub>6</sub> Group.**

- $C_6H_6$  Benzene, structure of, 1728.  
 $C_6H_{10}$   $\beta$ -Methyl- $\Delta^{a\beta}$ -pentadiene, 1073.  
 $C_6H_{12}$  Tetramethylethylene, polymerisation of, 1039.  
 $C_6D_6$  Hexadeuterobenzene, Raman spectrum of, 1728.

**6 II**

- $C_6H_5Cl$  Chlorobenzene, polarisation of, in ethers, 1051.  
 $C_6H_5Br$  Bromobenzene, moments and polarisation of, in various solvents, 135.  
 $C_6H_5N$  Substance, from  $\beta$ -dimethylaminopropiophenone and hydrazine, 1931.  
 $C_6H_6N_4$  4-Amino-5-cyano-2-methylpyrimidine, 366.  
 $C_6H_7N$  Aniline, reaction of, with iodine, 1365; nitrite of, decomposition of, 1129.  
 $C_6H_6O_4$   $\beta$ -Methyl- $\Delta\beta$ -propylene- $\alpha\gamma$ -dicarboxylic acids, 726.  
 Norhomopilopic acid, 1062.  
 $C_6H_{10}O_2$  *cyclo*Hexanone peroxide, 373.  
 $C_6H_{10}O_3$  Tetrahydrofurylacetic acid, 721.  
 $C_6H_{10}O_4$  *d*-Ethylsuccinic acid, 230.  
 $C_6H_{11}N$  *bicyclo*[1:2:2]Aza-1-heptane, and its salts, 1526.  
 $C_6H_{12}O$   $\beta$ -Methyl- $\Delta\beta$ -penten- $\delta$ -ol, 1076.  
 $C_6H_{12}O_6$  Dihydroxyacetone dimeride, catalysis of depolymerisation of, 1947.  
 Glucose, heats of activation in mutarotation of, 1413.

**6 III**

- $C_6H_2O_3S$  Thiophen-2:3-dicarboxylic anhydride, 916.  
 $C_6H_2N_2S$  2:3-Dicyanothiophen, 917.  
 $C_6H_5ON_3$  3:4-Dicyano-5-methylisooxazole, 927.  
 $C_6H_4ON_4$  6-Hydroxy-2:3-dicyanodihydropyrazine, 1435.  
 $C_6H_4N_3Cl$  4-Chloro-5-cyano-2-methylpyrimidine, 366.  
 $C_6H_4ON_3$  4-Hydroxy-5-cyano-2-methylpyrimidine, 366.  
 $C_6H_5O_2N$  *p*-Benzoquinoneoxime, tautomerism of, with *p*-nitrosophenol, 520.  
 Nitrobenzene, polarisation of, in ethers, 1051.  
 $C_6H_5O_2N_3$  Cyano-5-methylisooxazolecarboxamide, 927.  
 $C_6H_5N_2Cl$  Benzenediazonium chloride, reactions of, 2007.  
 $C_6H_5ON_2$  Diazobenzene hydroxide, reactions of, 2014.  
 $C_6H_5ON_4$  Acetamidoiminosuccinonitrile, 1436.  
 $C_6H_4N_2S$  2-Keto-2:3-dihydrothiazole-2-isopropylidenehydrazone, 559.  
 $C_6H_4O_3N_3$  5-Methylisooxazole-3:4-dicarboxamide, 927.  
 $C_6H_5ON_4$  4-Amino-2-methylpyrimidine-5-carboxamide, 366.  
 $C_6H_5ON$  Tetrahydrofurylacetonitrile, 720.  
 $C_6H_{11}OBr$   $\delta$ -Ethoxybutyl bromide, 816.  
 $C_6H_{12}O_4N_2$  *dl*-Dimethoxysuccindiamide, 1518.  
 Tartarobismethylamides, 1518.  
 $C_6H_{13}ON$  4-Piperidylcarbinol, and its picrate, 1526.  
 $C_6H_{14}O_2Mn$  Manganese isopropoxide, 1408.  
 $C_6H_{15}O_3Re$  Rhenium triethoxide, 1408.

**6 IV**

- $C_6H_3O_2NS$  Thiophen-2:3-dicarboxylic imide, 916.  
 $C_6H_5N_2Cl_2I$  2:4-Dichloro-5-iodomethyl-6-methylpyrimidine, 1508.  
 $C_6H_5O_2NS$  Ethyl  $\alpha$ -thiocyanopropionate, 157.  
 $C_6H_5O_2NSe$  Ethyl  $\alpha$ -selenocyanopropionate, 157.  
 $C_6H_5O_3N_3S$  *dl*-Thiolhistidine, 1167.  
 $C_6H_5ClPAu$  Chlorotriethylphosphinegold, 1832.  
 $C_6H_5ClAsAu$  Chlorotriethylarsinegold, 1833.  
 $C_6H_5IPAu$  Iodotriethylphosphinegold, 1832.  
 $C_6H_5IAsAu$  Iodotriethylarsinegold, 1833.

**C<sub>7</sub> Group.**

- $C_7H_3N_3$  2:3-Dicyanopyridine, 919.  
 $C_7H_5O_4$  2-Keto-3-methyl-2:5-dihydrofuran-5-acetic acid, 1346.  
 $\alpha$ -Methylmuconic acid, 1347.  
 $C_7H_5N_2$  3-Cyano-2:5-dimethylpyrrole, 925.  
 5-Cyano-2:3-dimethylpyrrole, 927.  
 $C_7H_{10}O_4$  Dihydro- $\alpha$ -methylmuconic acid, 1347.  
 $C_7H_{10}O_6$  2-Methyl ascorbic acid, 832.  
 $C_7H_{10}O_7$  Gluco-ascorbic acid, 549.  
 $C_7H_{10}N_2$  2:4:6-Trimethylpyrimidine, 494.

- $C_7H_{12}O_2$   $\beta$ -Ethoxyethylideneacetone, 1062.  
 $C_7H_{12}O_3$  Dimethyl xylal, 781.  
 $\alpha\gamma$ -Methylenedioxy- $\beta$ -acetyl- $\beta$ -methylpropane, 844.  
 $\beta$ -Tetrahydrofurylpropionic acid, 719.  
 $C_7H_{12}O_6$  Methyl *dl*-erythrohydroxymethoxysuccinate, 1518.  
 2-Methyl  $\gamma$ -gluconolactone, 796.  
 $C_7H_{13}N$  Quinuclidine, synthesis of, 1990.  
 $C_7H_{13}Br$   $\Delta^6$ -*n*-Heptenyl bromide, 1973.  
 $C_7H_{14}O$   $\Delta^6$ -*n*-Heptenol, 1973.  
 $C_7H_{14}O_3$  Ethyl 5-hydroxyvalerate, 373.  
 $C_7H_{14}O_5$  2:5-Dimethylxylofuranose, 1602.  
 $C_7H_{14}O_6$   $\alpha$ -Methylgalactopyranoside, 1924.  
 $\alpha$ -Methylglucopyranoside, 1924.

## 7 III

- $C_7H_3O_2I_3$  2:4:6-Tri-iodo-3-hydroxybenzaldehyde, 77.  
 $C_7H_3O_4N_3$  2:4-Dinitrobenzotrile, preparation of, 1746.  
 $C_7H_3O_2I_2$  2:6-Di-iodo-3-hydroxybenzaldehyde, 77.  
 $C_7H_3O_6N_2$  2:4-Dinitrobenzoic acid, preparation of, 1746.  
 $C_7H_3ON_3$  Cyanopyridinecarboxamide, 919.  
 $C_7H_5O_2I$  6-Iodo-3-hydroxybenzaldehyde, 77.  
 $C_7H_5O_2Na$  Sodium guaiacoxide, action of, with alkyl iodides, 1792.  
 $C_7H_5O_4S$  2-Hydroxyphenylmethanesulphonic acid, sodium salt, 1350.  
 $C_7H_5ON_3$  4-Phenylsemicarbazide, co-ordination compounds of, with metallic salts, 1357.  
 $C_7H_{10}O_4N_4$   $\beta$ -Methylglucoside 2:3:4:6-tetranitrate, 1717.  
 $C_7H_{10}N_4S$  4-Amino-5-thioformamidomethyl-2-methylpyrimidine, 367.  
 $C_7H_{11}ON$  2-Ketoquinuclidine, 1990.  
 $C_7H_{11}O_2N$  Imino-*l*-gluco-ascorbic acid, 552.  
 $C_7H_{11}N_2S$  2-Keto-4-methyl-2:3-dihydrothiazole-2-*isopropylidenehydrazone*, 557.  
 $C_7H_{12}ON_2$  5-Acetyl-4:4-dimethylpyrazoline, 1556.  
 $C_7H_{12}O_{10}N_2$   $\beta$ -Methylglucoside dinitrates, 1716.  
 $C_7H_{13}OBr$   $\gamma$ -Tetrahydrofurylpropyl bromide, 720.  
 $C_7H_{14}O_2S_2$   $\alpha\gamma$ -Bis(ethylsulphonyl)propylene, 318.  
 $C_7H_{14}NI$  *bicyclo*[1:2:2]Aza-1-heptane methiodide, 1526.  
 $C_7H_{15}ON_2$  *dl*-Methylisopropylacetaldehyde semicarbazone, 1045.  
 $C_7H_{15}O_6N$  2-Methyl gluconamide, 796.  
 $C_7H_{16}O_2N_2$  Ethyl 7-hydroxyheptoate hydrazide, 373.  
 $C_7H_{16}O_3S_2$   $\beta$ -Hydroxy- $\alpha\gamma$ -bis(ethylsulphonyl)propane, 318.

## 7 IV

- $C_7H_3O_6N_2I$  Iododinitro-3-hydroxybenzaldehydes, 78.  
 $C_7H_3O_4NI$  2-Iodo-6-nitrobenzoic acid, 1101.  
 $C_7H_3O_4N_2S_3$  *NN'*-Dithiocarbimido-*NN'*-dioxamylthiourea, 1361.  
 $C_7H_3ONBr$   $\omega$ -Bromoacetylpyridine, 967.  
 $C_7H_{15}O_2ClS_2$   $\beta$ -Chloro- $\alpha\gamma$ -bis(ethylsulphonyl)propane, 318.

C<sub>8</sub> Group.

- $C_8H_6N_4$  2:3-Dicyano-5:6-dimethylpyrazine, 921, 1436.  
 $C_8H_6N_3$  3:4-Dicyano-2:5-dimethylpyrrole, 926.  
 $C_8H_8O$  Acetophenone, action of phosphorus pentahalides on, 304.  
 $C_8H_8O_3$  Mandelic acid, acid salts of, 608.  
 4-Methoxy-2:5-toluquinone, preparation of, 1471.  
 $C_8H_8O_6$  2-Keto-3-methyl-2:5-dihydrofuran-5-malonic acid, and its barium salt, 1346.  
 $C_8H_8Cl$   $\alpha$ -Phenylethyl chloride, action of silver salts on, 1236.  
 $C_8H_{10}O_4$  Methyl 2-keto-3-methyl-2:5-dihydrofuran-5-acetate, 1346.  
 $C_8H_{10}O_6$  2-Keto-3-methyltetrahydrofuran-5-acetic-5-carboxylic acid, 1347.  
 $C_8H_{10}N_4$  *iso*Butylideneaminoiminosuccinonitrile, 1436.  
 2:7-Dimethyldihydro-1:3:6:8-benzotetrazine, and its hydrobromide, 1507.  
 $C_8H_{11}N$  2:4:6-Trimethylpyridine, nitrate of, 302.  
 $C_8H_{12}O$  2-Methyl-6-methylenecyclohexanone, 57.  
 $C_8H_{12}O_4$  Homopilopic acids, 1060.  
 Norcaryophyllenic acids, resolution of, 1340.  
 $\Delta^4$ -*n*-Pentenylmalonic acid, 1973.  
 $C_8H_{12}O_6$  *iso*Dimethyl ascorbic acid, 831.  
 $C_8H_{12}O_7$  2-Methyl gluco-ascorbic acid, 555.  
 3-Methyl *d*-gluco-ascorbic acid, 552.  
 $C_8H_{14}O_4$   $\gamma$ -Carbethoxyvaleryl chloride, 72.  
 $d$ - and *l*-Diethylsuccinic acids, 233.  
 $C_8H_{14}O_6$  Diethyl tartrate, green colour of, 963.  
 3:4-Dimethyl mannonolactone, 791.  
 $C_8H_{16}O_3$  Ethyl 6-hydroxyhexoate, 373.  
 $C_8H_{16}O_5$  2:5-Dimethyl methylxylofuranosides, 1602.  
 2:3-Dimethyl  $\gamma$ -methylxyloside, 1603.

- $C_8H_{16}O_8$  4:6-Dimethyl  $\alpha$ -glucose, 1716.  
 3:4-Dimethyl mannose, 791.  
 3:4:5-Trimethyl *d*-arabonic acid, 554.  
 $C_8H_{17}Cl$  2-Chloro-6-methylheptane, 1589.  
 $C_8H_{17}Br$   $\beta$ -*n*-Octyl bromide, action of silver salts on, 1236; hydrolysis of, 1192.  
 $C_8H_{17}I$  2-Iodo-6-methylheptane, 1590.  
 $C_8H_{18}N_2$  Tetramethylpiperazines, 368.

## 8 III

- $C_8H_6O_4Cl_2$  3:6-Dichlorophthalic acid, hydrazine salt, 32.  
 $C_8H_6O_4I_3$  2:4:6-Tri-iodo-3-methoxybenzaldehyde, 77.  
 $C_8H_6O_3N$  3-Hydroxyphthalimide, 33.  
 $C_8H_6O_3N_3$  3-Nitro-*N*-aminophthalimide, 1846.  
 $C_8H_6O_4Br$  2-Bromo*is*ophthalic acid, 1305.  
 $C_8H_6O_2N_2$  *N*-Aminophthalimide, 20.  
 $C_8H_6O_2I_2$  2:6-Di-iodo-3-methoxybenzaldehyde, 77.  
 $C_8H_6O_2N_2$  5-Hydroxyphthalaz-1:4-dione, and its sodium salt, 33.  
 $C_8H_6Cl_2S$  Phenyl  $\alpha\beta$ -dichlorovinyl sulphide, 769.  
 $C_8H_6Cl_4S$  Phenyl  $\alpha\alpha\beta\beta$ -tetrachloroethyl sulphide, 769.  
 $C_8H_6O_3N_3$  *N*-3-Diaminophthalimide, 30.  
 3:6-Diaminophthalimide, 589.  
 3:6-Dimethylpyridazine-4:5-dicarboxyimide, 928.  
 3-Hydrazinophthalimide, 591.  
 $C_8H_6O_3N$  4-Cyano-2:5-dimethylfuran-3-carboxylic acid, 928.  
 Methyl 5-cyano-3-methylfuran-4-carboxylate, 928.  
 $C_8H_6O_2N_3$  3-Nitro-2-carboxybenzhydrazide, 29.  
 $C_8H_6ON_3$  4-Formyl-3-cyano-2:5-dimethylpyrrole, 926.  
 $C_8H_6O_2N_2$  3-Cyano-2:5-dimethylpyrrole-4-carboxylic acid, 925.  
 5-Cyano-2:3-dimethylpyrrole-4-carboxylic acid, 927.  
 $C_8H_6O_2N_4$  Acetamidoacetimidodisuccinonitrile, 1436.  
*N*-Amino-3-hydrazinophthalimide, 591.  
 Diaminophthalaz-1:4-diones, 590.  
 5-Hydrazinophthalaz-1:4-dione and its sodium salt, 591.  
 3:6-*N*-Triaminophthalimide, 589.  
 $C_8H_8O_3S$  5-Methylbenzylsultone, 1351.  
 $C_8H_8N_2S$  *N*-Thiocarbimidophenylmethylamine, 1362.  
 $C_8H_8O_2N_3$  *o*-Carbamylbenzhydrazide, 21.  
 $C_8H_8NS$  Benzylthioformamide, 363.  
 $C_8H_{10}O_2N_4$  3:6-Dimethylpyridazine-4:5-dicarboxyamide, 928.  
 $C_8H_{10}O_2N_3$  Ethyl 4-hydroxy-2-methylpyrimidine-5-carboxylate, 366.  
 $C_8H_{10}N_3Br$  1-*p*-Bromophenyl-3:3-dimethyltriazene, 324.  
 $C_8H_{11}ON_3$  4-*m*-Tolylsemicarbazide, co-ordination compounds of, with metallic salts, 1357.  
 $C_8H_{11}O_2N_3$  Ethyl 4-amino-2-methylpyrimidine-5-carboxylate, 366.  
 $C_8H_{11}O_4N$  Ethyl 2-pyrrolidone-3-oxalate, 1525.  
 $C_8H_{11}N_5S_2$  2-Amino-1:4-dithiocarbamidobenzene, 1360.  
 $C_8H_{12}N_4S$  4-Amino-5-thioacetamidomethyl-2-methylpyrimidine, 1507.  
 $C_8H_{14}ON_2$  5-Acetyl-3:4:4-trimethylpyrazoline, 1556.  
 $C_8H_{14}ON$  2-Hydroxyoctahydropyrrocolines, and their salts, 1523.  
 $C_8H_{16}O_2N$  Ethyl piperidine-4-carboxylate, and its picrate, 1525.  
 $C_8H_{16}O_2N_3$   $\beta$ -Ethoxyethylideneacetone semicarbazone, 1062.  
 $C_8H_{16}O_2Cl$  Ethyl 6-chlorohexanoate, 721.  
 $C_8H_{16}O_2Br$  Ethyl 6-bromohexanoate, 721.  
 $C_8H_{16}O_3N_3$   $\alpha\gamma$ -Methylenedioxy- $\beta$ -acetyl- $\beta$ -methylpropane semicarbazone, 844.  
 $C_8H_{16}O_2N_2$   $\alpha\gamma$ -Diacetyl- $\beta$ -methylpropane dioxime, 302.  
 $C_8H_{16}O_2N_4$  Dinitroso- $\epsilon$ -2:3:5:6-tetramethylpiperazine, 369.  
 $C_8H_{16}O_4N_2$  *d*-Dimethoxysuccinobismethylamide, 1518.  
 $C_8H_{17}O_2N$  3:4-Dimethyl mannonamide, 791.  
 $C_8H_{20}Br_2Au_2$  Diethylbromogold, constitution of, 1690.

## 8 IV

- $C_8H_2O_2N_2Cl_4$  Tetrachloro-*N*-aminophthalimide, 32.  
 $C_8H_3O_2NCl_2$  4:5-Dichlorophthalimide, 590.  
 $C_8H_4O_2N_2Cl_2$  3:6-Dichloro-*N*-aminophthalimide, 31.  
 Dichlorophthalaz-1:4-diones, 32.  
 $C_8H_5O_2N_2Cl$  3-Chloro-*N*-aminophthalimide, 31.  
 5-Chlorophthalaz-1:4-dione, 31.  
 $C_8H_6O_4NI_2$  2:4-Di-iodo-6-nitro-3-methoxybenzaldehyde, 78.  
 $C_8H_6O_4NI$  Methyl 2-iodo-6-nitrobenzoate, 1101.  
 $C_8H_7O_3N_3S$  Phthalimide-3-hydrazine- $\beta$ -sulphonic acid, sodium salt, 591.  
 $C_8H_8O_2N_3S$  *o*-Nitrobenzylthioformamide, 363.  
 $C_8H_8O_2N_4Cl_2$  3:6-Dichlorophthalodihydrazide, 32.  
 $C_8H_8O_2BrI$  Methyl 5-bromo-2-iodobenzoate, 1101.  
 $C_8H_8O_2N_4S$  *N*-Aminophthalimide-3-hydrazine- $\beta$ -sulphonic acid, sodium salt, 591.  
 $C_8H_8NCl_3S$  Methylamlinotrichloromethylthiol, 1631.

- C<sub>8</sub>H<sub>14</sub>ONI** 2-Ketoquinuclidine methiodide, 1990.  
**C<sub>8</sub>H<sub>24</sub>N<sub>4</sub>Cl<sub>2</sub>Pt** *iso*Butylenediamino- $\beta$ -methyltrimethylenediaminoplatinous chloride, 1550.  
**C<sub>8</sub>H<sub>26</sub>O<sub>2</sub>N<sub>4</sub>Cu** *Bis**iso*butylenediaminocupric hydroxide, salts of, 948.  
**C<sub>8</sub>H<sub>26</sub>O<sub>2</sub>N<sub>4</sub>Pt** *Bis**iso*butylenediaminoplatinous hydroxide, salts of, 1550.  
*iso*Butylenediamino- $\beta$ -methyltrimethylenediaminoplatinous hydroxide, salts of, 1550.

## 8 V

- C<sub>8</sub>H<sub>9</sub>ON<sub>4</sub>BrS** 2-Thion-1-*p*-bromophenyldiurea, 1361.  
**C<sub>8</sub>H<sub>34</sub>ON<sub>8</sub>Cl<sub>8</sub>Co<sub>3</sub>** *trans*-Dichlorobisethylenediaminecobaltic cobaltochloride, 509.

C<sub>9</sub> Group.

- C<sub>9</sub>H<sub>8</sub>** Indene, determination of, 797.  
**C<sub>9</sub>H<sub>10</sub>** Hydrindene, structure of, 1103.  
 $\alpha$ -Methylstyrene, polymerisation of, 1788.

## 9 II

- C<sub>9</sub>H<sub>8</sub>O<sub>2</sub>** Benzylglyoxal, 1915.  
**C<sub>9</sub>H<sub>10</sub>O<sub>2</sub>** *p*-Ethylbenzoic acid, 1777.  
**C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>** 4-Methoxy-*o*-toluic acid, 264.  
**C<sub>9</sub>H<sub>10</sub>O<sub>4</sub>** 2:4-Dihydroxy-6-ethoxybenzaldehyde, 289.  
 $\beta$ -Methylsuberic acid, 1974.  
**C<sub>9</sub>H<sub>10</sub>O<sub>6</sub>** 5-Carbomethoxy-2-keto-3-methyl-2:5-dihydrofuran-5-acetic acid, 1346.  
**C<sub>9</sub>H<sub>11</sub>N** 1-Methyldihydro*iso*indole, and its salts, 935.  
**C<sub>9</sub>H<sub>11</sub>Cl**  $\beta$ -*o*-Tolyloethyl chloride, 395.  
**C<sub>9</sub>H<sub>12</sub>O<sub>3</sub>** *C*-Methylphloroglucinol  $\beta$ -ethyl ether, 289.  
**C<sub>9</sub>H<sub>12</sub>O<sub>4</sub>**  $\alpha$ -Ethyl- $\gamma$ -butyrolactone- $\beta$ -pyruvaldehyde, 1064.  
**C<sub>9</sub>H<sub>12</sub>O<sub>6</sub>** 3:3-Dimethylcyclobutanetricarboxylic acid, 1341.  
**C<sub>9</sub>H<sub>14</sub>O<sub>2</sub>** *cyclo*Hexanespirobutyrolactone, 1139.  
 $\beta$ -*cyclo*Hexylidenepropionic acid, 1140.  
 $\beta$ -2-Hydroxycyclohexylpropionolactone, 823.  
**C<sub>9</sub>H<sub>14</sub>O<sub>3</sub>**  $\beta$ -Acetonyl- $\alpha$ -ethyl- $\gamma$ -butyrolactones, 1062.  
**C<sub>9</sub>H<sub>14</sub>O<sub>5</sub>** Methyl  $\gamma$ -keto- $\beta$ -methyl-*n*-butane- $\alpha\beta$ -dicarboxylate, 1346.  
Methyl  $\delta$ -keto-*n*-pentane- $\beta\gamma$ -dicarboxylate, 1347.  
**C<sub>9</sub>H<sub>14</sub>O<sub>6</sub>** 2:3:5-Trimethyl *l*-ascorbic acid, 833.  
*iso*Trimethyl ascorbic acid, 834.  
**C<sub>9</sub>H<sub>14</sub>O<sub>7</sub>** 2:3-Dimethyl *d*-gluco-ascorbic acid, 553.  
*iso*Dimethyl gluco-ascorbic acid, 555.  
**C<sub>9</sub>H<sub>15</sub>N** 1-Methylhexahydropyrrocoline, and its picrolonate, 1522.  
**C<sub>9</sub>H<sub>16</sub>O<sub>2</sub>**  $\Delta^8$ -*n*-Nonenoic acid, 1974.  
**C<sub>9</sub>H<sub>16</sub>O<sub>3</sub>** Ethyl  $\beta$ -tetrahydrofurylpropionate, 720.  
8-Ketononoic acid, 722.  
**C<sub>9</sub>H<sub>17</sub>N** 1-Methyloctahydropyrrocoline, and its salts, 1522.  
**C<sub>9</sub>H<sub>17</sub>Br**  $\Delta^8$ -*n*-Nonenyl bromide, 1974.  
**C<sub>9</sub>H<sub>18</sub>O**  $\Delta^8$ -*n*-Nonenol, 1974.  
**C<sub>9</sub>H<sub>18</sub>O<sub>2</sub>** Nordihydrocitronellic acid, 1591.  
**C<sub>9</sub>H<sub>18</sub>O<sub>6</sub>** 4:6-Dimethyl  $\beta$ -methylglucoside, 1716.  
Methyl 3:4:5-trimethyl *d*-arabonate, 554.  
2:4:6-Trimethyl  $\alpha$ -galactose, 1618.  
2:3:6-Trimethyl glucopyranose, 1925.  
3:4:6-Trimethyl  $\alpha$ -*d*-mannose, 1925.

## 9 III

- C<sub>9</sub>H<sub>9</sub>N<sub>3</sub>S<sub>3</sub>** Trithiocarbimidobenzenes, 1360.  
**C<sub>9</sub>H<sub>9</sub>O<sub>3</sub>N<sub>2</sub>** Acetylquinolinimide, 919.  
**C<sub>9</sub>H<sub>9</sub>O<sub>4</sub>N** 6-Hydroxy-7-methoxyisatin, 402.  
**C<sub>9</sub>H<sub>7</sub>O<sub>4</sub>N<sub>3</sub>** 5-Nitro-1-methoxyphthalazone-4-one, 1845.  
 $\alpha$ - and  $\beta$ -Nitro-*N*-methylphthalaz-1:4-diones, 35.  
**C<sub>9</sub>H<sub>9</sub>O<sub>2</sub>N<sub>2</sub>** 3-Methylaminophthalimide, 589.  
**C<sub>9</sub>H<sub>9</sub>ON** 3-Hydroxymethylindole, 1929.  
**C<sub>9</sub>H<sub>9</sub>O<sub>2</sub>N<sub>3</sub>** 5-Amino-1-methoxyphthalaz-4-one, 1845.  
*N*-Amino-3-methylaminophthalimide, 589.  
 $\alpha$ - and  $\beta$ -Amino-*N*-methylphthalaz-1:4-diones, 35.  
5-Methylaminophthalaz-1:4-dione, 589.  
**C<sub>9</sub>H<sub>9</sub>NBr<sub>2</sub>** 4:6-Dibromo-5-aminohydrindene, 1107.  
**C<sub>9</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>** Benzylglyoxime, 1915.  
**C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>S** 5:7-Dimethylbenzylsultone, 1351.  
**C<sub>9</sub>H<sub>10</sub>O<sub>4</sub>S** Benzylsulphonylacetic acid, 315.  
**C<sub>9</sub>H<sub>10</sub>NBr** 4-Bromo-5-aminohydrindene, 1107.  
**C<sub>9</sub>H<sub>11</sub>ON** *m*-Dimethylaminobenzaldehyde, and its picrate, 1892.  
**C<sub>9</sub>H<sub>11</sub>OCl**  $\beta$ -*o*-Anisylethyl chloride, 1621.  
**C<sub>9</sub>H<sub>12</sub>ON<sub>2</sub>** *m*-Dimethylaminobenzaldehyde oxime, 1892.  
**C<sub>9</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** 2-Methoxy-*m*-toluhydrazide, 261.  
**C<sub>9</sub>H<sub>12</sub>O<sub>4</sub>S** *p*-2-Xylenol-5-methanesulphonic acid, salts, 1351.

- C<sub>9</sub>H<sub>12</sub>N<sub>6</sub>S<sub>3</sub>** 1:2:4-Trithiocarbamidobenzene, 1360.  
**C<sub>9</sub>H<sub>13</sub>O<sub>13</sub>N<sub>3</sub>** 6-Acetyl  $\beta$ -methylglucoside 2:3:4-trinitrate, 1715.  
**C<sub>9</sub>H<sub>14</sub>O<sub>10</sub>N<sub>2</sub>** 4:6-Ethylidene  $\beta$ -methylglucoside 2:3-dinitrate, 1715.  
**C<sub>9</sub>H<sub>16</sub>ON** 2-Keto-octahydropyrrocoline, and its picrate, 1520.  
*l*-4-*iso*Propyl- $\Delta^2$ -cyclohexen-1-one oxime, 987.  
**C<sub>9</sub>H<sub>16</sub>O<sub>10</sub>N<sub>2</sub>** 4:6-Dimethyl  $\beta$ -methylglucoside 2:3-dinitrate, 1716.  
**C<sub>9</sub>H<sub>17</sub>ON** 1-Hydroxy-1-methyloctahydropyrrocoline, and its salts, 1522.  
**C<sub>9</sub>H<sub>17</sub>O<sub>2</sub>Br** 9-Bromo-*n*-nonoic acid, 1979.  
 Ethyl 7-bromoheptoate, 722.  
**C<sub>9</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** 2:3:4-Trimethyl mannosaccharodiamide, 790.  
**C<sub>9</sub>H<sub>19</sub>ON** 1-Diethylaminopentan-3-one, 1578.  
**C<sub>9</sub>H<sub>19</sub>O<sub>5</sub>N** 2:3:4:5-Tetramethylarabonamides, 554.  
 Trimethyl glucosamine, hydrochloride of, 1982.  
**C<sub>9</sub>H<sub>21</sub>O<sub>3</sub>Re** Rhenium trisopropoxide, 1408.

## 9 IV

- C<sub>9</sub>H<sub>9</sub>O<sub>2</sub>NBr** Bromonitrohydrindenes, 1107.  
**C<sub>9</sub>H<sub>9</sub>O<sub>3</sub>NI** 2-Iodo-3-hydroxy-1-methyl-2:3-dihydroindole-5:6-quinone, 601.  
**C<sub>9</sub>H<sub>9</sub>OCIS** Phenyl  $\alpha$ -chloromethoxyvinyl sulphide, 769.  
**C<sub>9</sub>H<sub>9</sub>O<sub>4</sub>BrHg** 2-Bromomercuri-4-hydroxy-3:5-dimethoxybenzaldehyde, 853.  
**C<sub>9</sub>H<sub>9</sub>O<sub>5</sub>ClHg** 2-Chloromercuri-4-hydroxy-3:5-dimethoxybenzoic acid, 853.  
**C<sub>9</sub>H<sub>10</sub>ON<sub>2</sub>S** Acetyl-*o*-phenylenebisthioformamide, 363.  
**C<sub>9</sub>H<sub>10</sub>O<sub>2</sub>N<sub>4</sub>S** 1-Oxamyl-4-phenylthiosemicarbazide, 1361.  
**C<sub>9</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>Hg** Nitroacetoxymercuritoluidines, 985.  
**C<sub>9</sub>H<sub>10</sub>NCl<sub>3</sub>S** *S*-*p*-Dimethylaminophenyltrichloromethylthiol, 1632.  
 Methyl-*p*-toluidinotrichloromethylthiol, 1631.  
**C<sub>9</sub>H<sub>11</sub>O<sub>3</sub>NS** *N*-Acetyl-*p*-toluenesulphonamide, 1118.  
**C<sub>9</sub>H<sub>12</sub>ON<sub>2</sub>S** 2-Thion-*p*-tolylidiurea, 1361.  
**C<sub>9</sub>H<sub>16</sub>O<sub>4</sub>N<sub>6</sub>S<sub>3</sub>** 3:5-Dithiomethanocarbonyldiurea, 1361.  
**C<sub>9</sub>H<sub>21</sub>ClPAu** Chlorotri-*n*-propylphosphinegold, 1832.

## 9 V

- C<sub>9</sub>H<sub>8</sub>O<sub>4</sub>N<sub>3</sub>Cl<sub>3</sub>S** Dinitro-*S*-*p*-dimethylaminophenyltrichloromethylthiol, 1633.  
**C<sub>9</sub>H<sub>9</sub>NCl<sub>3</sub>BrS** Bromo-*S*-*p*-dimethylaminophenyltrichloromethylthiol, 1633.

C<sub>10</sub> Group.

- C<sub>10</sub>H<sub>8</sub>** Naphthalene, structure of, 1103.  
**C<sub>10</sub>H<sub>12</sub>**  $\alpha$ -Dimethylstyrene, polymerisation of, 1790.  
*m*-Propenyltoluene, 1760.  
 Tetrahydronaphthalene, structure of, 1103.  
**C<sub>10</sub>H<sub>16</sub>** 1- $\Delta^7$ -Butenyl- $\Delta^1$ -cyclohexene, 1138.  
*d*-Limonene, rotation of, in various solvents, 151.  
*d*-Pinene, rotation of, in various solvents, 149.  
**C<sub>10</sub>H<sub>18</sub>** *cis*-8-Methylhydrindane, 1145.

## 10 II

- C<sub>10</sub>H<sub>6</sub>N<sub>2</sub>** *o*-Cyanocinnamitrile, 936.  
**C<sub>10</sub>H<sub>6</sub>Br<sub>2</sub>** 2:3-Dibromonaphthalene, 1529.  
**C<sub>10</sub>H<sub>6</sub>O<sub>3</sub>** Trihydroxynaphthalenes, 1861.  
**C<sub>10</sub>H<sub>6</sub>O<sub>4</sub>** 7-Hydroxy-5-methoxycoumarin, 293.  
**C<sub>10</sub>H<sub>10</sub>O<sub>3</sub>**  $\gamma$ -Phenoxycrotonic acid, 1060.  
**C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>** *p*-*iso*Propylbenzoic acid, 1777,  
**C<sub>10</sub>H<sub>12</sub>O<sub>3</sub>** 2-Methoxy-*m*-tolylacetic acid, 261.  
 4-Methoxy-*o*-tolyl acetic acid, 265.  
 4-Methoxy-*m*-tolylacetic acid, 263.  
 5-Methoxy-*o*-tolylacetic acid, 512.  
**C<sub>10</sub>H<sub>12</sub>O<sub>4</sub>** 2:6-Dihydroxy-4-ethoxy-3-methylbenzaldehyde, 289.  
 2-Hydroxy-4:6-dimethoxy-5-methylbenzaldehyde, 288.  
**C<sub>10</sub>H<sub>13</sub>N** Tetrahydrobenzoquinaldine, and its salts, 1529.  
**C<sub>10</sub>H<sub>13</sub>Cl** *p*-Tolylethylchloromethane, 1758.  
**C<sub>10</sub>H<sub>14</sub>O** 5-Ketomethyl- $\Delta^{4:9}$ -tetrahydrohydrindenes, 59.  
 2-Keto- $\Delta^{1:9}$ -octalin, 56.  
**C<sub>10</sub>H<sub>14</sub>O<sub>6</sub>** Methyl 1:2-diacetylsuccinate, 925.  
**C<sub>10</sub>H<sub>15</sub>N** Thymylamine, oxalate of, 1596.  
**C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>** Triallylguanidine, hydrochloride of, 828.  
**C<sub>10</sub>H<sub>16</sub>O** Campholic aldehyde, rotatory dispersion of, 233.  
 8-Methyl-1-hydrindanone, 816, 1161.  
*cis*-8-Methyl-2-hydrindanone, 1144.  
**C<sub>10</sub>H<sub>16</sub>O<sub>2</sub>** 3-Hydroxy-*cis*-2-decalone, 824.  
**C<sub>10</sub>H<sub>16</sub>O<sub>4</sub>** *cis*- $\beta$ -Ethoxymethyl- $\alpha$ -ethylglutaric anhydride, 1062.  
 $\Delta^6$ -*n*-Heptenylmalonic acid, 1974.  
 Homocaryophyllenic acid, structure of, 73.

- C<sub>10</sub>H<sub>16</sub>O<sub>6</sub>** Jaconecic acid, 585.  
**C<sub>10</sub>H<sub>17</sub>N** Ethylhexahydropyrrocolines, and their picrolonates, 1521.  
**C<sub>10</sub>H<sub>18</sub>O** 1-*Δ*<sup>7</sup>-Butenylcyclohexanol, 1138.  
 Carvotanacetols, 239.  
*dl*-*Δ*<sup>6</sup>-*neo*Menthen-3-ol, 238.  
**C<sub>10</sub>H<sub>18</sub>O<sub>3</sub>** 9-Ketodecic acid, 723.  
**C<sub>10</sub>H<sub>18</sub>O<sub>5</sub>** β-Ethoxymethyl-α-ethylglutaric acids, 1062.  
**C<sub>10</sub>H<sub>19</sub>N** Carvotanacetylaminos, and their salts, 241.  
 1-Ethylactahydropyrrocoline, 1521.  
 2-Ethylactahydropyrrocoline, and its salts, 1521.  
 2-Methylactahydropyrrocoline, and its picrate, 1522.  
**C<sub>10</sub>H<sub>20</sub>O** *cis*-8-Hydroxy-*p*-menthane, preparation of, 2007.  
**C<sub>10</sub>H<sub>20</sub>O<sub>2</sub>** *dl*-Menthane-1:3-diols, 238.  
**C<sub>10</sub>H<sub>20</sub>O<sub>6</sub>** Methyl 2:3:4:5-tetramethyl *d*-arabonate, 554.  
 2:3:4:6-Tetramethyl glucose, 1924.  
 2:3:6-Trimethyl methylglucopyranoside, 1925.

## 10 III

- C<sub>10</sub>H<sub>4</sub>N<sub>2</sub>S** 2:3-Dicyanothionaphthen, 918.  
**C<sub>10</sub>H<sub>5</sub>O<sub>2</sub>N** Nitrohydroxy-1:2-naphthaquinones, 1862.  
**C<sub>10</sub>H<sub>6</sub>O<sub>2</sub>Br<sub>2</sub>** 1:5-Dibromo-2:6-dihydroxynaphthalene, 1861.  
**C<sub>10</sub>H<sub>6</sub>O<sub>2</sub>N<sub>4</sub>** Pyromellitaz-1:4:6:9-tetraone, and its sodium salt, 591.  
**C<sub>10</sub>H<sub>6</sub>ClBr** 1-Chloro-2-bromonaphthalene, 1352.  
**C<sub>10</sub>H<sub>7</sub>O<sub>2</sub>N** 8-Nitro-1:2:7-trihydroxynaphthalene, 1862.  
**C<sub>10</sub>H<sub>8</sub>O<sub>2</sub>N<sub>2</sub>** *iso*Carbostyryl-3-carboxylamide, 475.  
**C<sub>10</sub>H<sub>8</sub>O<sub>2</sub>S** Thionaphthen-2-acetic acid, 1698.  
**C<sub>10</sub>H<sub>9</sub>O<sub>2</sub>N<sub>2</sub>** *N*-Acetamidophthalimide, 21.  
 Acetylphthalaz-1:4-dione, 25.  
**C<sub>10</sub>H<sub>9</sub>O<sub>2</sub>S<sub>2</sub>** 2-Hydroxynaphthyl-1-thiolsulphonic acid, sodium salt, 1351.  
**C<sub>10</sub>H<sub>9</sub>NBr** 3-Bromo-β-naphthylamine, 1529.  
**C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>S** 6-Thioformamidoquinoline, 363.  
**C<sub>10</sub>H<sub>9</sub>O<sub>3</sub>N** 8-Amino-1:2:7-trihydroxynaphthalene, 1862.  
**C<sub>10</sub>H<sub>9</sub>O<sub>2</sub>N<sub>3</sub>** 3-Acetamido-*N*-aminophthalimide, 1843.  
 Acetamidophthalaz-1:4-diones, 30.  
**C<sub>10</sub>H<sub>9</sub>O<sub>4</sub>N<sub>3</sub>** 5-Nitro-1:4-dimethoxyphthalazine, 1846.  
 Nitro-*N*-dimethylaminophthalimides, 35.  
 Nitro-2:3-dimethylphthalaz-1:4-diones, 35.  
 Nitromethoxymethylphthalazones, 1844.  
**C<sub>10</sub>H<sub>9</sub>O<sub>2</sub>Br** Methyl 2-bromo*iso*phthalate, 1305.  
**C<sub>10</sub>H<sub>9</sub>N<sub>2</sub>S** 2-Keto-2:3-dihydrothiazole-2-benzylidenehydrazone, 559.  
**C<sub>10</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>** 1:4-Dimethoxyphthalazine, 1845.  
*N*-Dimethylaminophthalimide, 35.  
 2:3-Dimethylphthalaz-1:4-dione, 35.  
**C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>N<sub>4</sub>** 6-Hydroxy-7-methoxyisatin semicarbazone, 402.  
**C<sub>10</sub>H<sub>11</sub>ON** 3-Methoxymethylindole, 1928.  
**C<sub>10</sub>H<sub>11</sub>O<sub>2</sub>N** β-Hydroxy-γ-phenoxybutyronitrile, 1061.  
**C<sub>10</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>** 5-Amino-1:4-dimethoxyphthalazine, 1846.  
 Amino-2:3-dimethylphthalaz-1:4-diones, 36.  
 Aminomethoxymethylphthalazones, 1844.  
**C<sub>10</sub>H<sub>11</sub>O<sub>2</sub>Na** Sodium eugenoxide, reaction of, with alkyl iodides, 1172.  
**C<sub>10</sub>H<sub>11</sub>O<sub>3</sub>N** Ethyl hydroxymethylene-2-pyridylacetate, 967.  
**C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl 5-cyano-2:3-dimethylpyrrole-4-carboxylate, 927.  
**C<sub>10</sub>H<sub>13</sub>OCl** β-(4-Methoxy-*o*-tolyl)ethyl chloride, 265.  
 β-(5-Methoxy-*o*-tolyl)ethyl chloride, 511.  
**C<sub>10</sub>H<sub>13</sub>O<sub>2</sub>N** 2-Cyano-1:3-dimethyl-1:3-cyclohexanolide, 259.  
**C<sub>10</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>** 4-Methoxy-*o*-tolualdehyde semicarbazone, 265.  
**C<sub>10</sub>H<sub>13</sub>O<sub>4</sub>N** Ethyl 3:5-dihydroxyphenylaminoacetate, 455.  
 5-Nitro-4-ethylveratrole, 431.  
**C<sub>10</sub>H<sub>14</sub>ON<sub>4</sub>** *m*-Dimethylaminobenzaldehyde semicarbazone, 1892.  
**C<sub>10</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** *r*-Pilocarpidines, 1064.  
**C<sub>10</sub>H<sub>14</sub>NBr** Bromoaminodurene, 14.  
**C<sub>10</sub>H<sub>14</sub>ON<sub>3</sub>** 3-Ketodecahydroperipyrizopyridocoline, 967.  
**C<sub>10</sub>H<sub>14</sub>OCl** 3-Chloro-*cis*-2-decalone, 824.  
**C<sub>10</sub>H<sub>15</sub>ON** 1-Hydroxy-1-ethylhexahydropyrrocoline, 1521.  
 1-Keto-2-methylactahydropyrrocoline, and its salts, 1522.  
 2-Keto-1-methylactahydropyrrocoline, and its salts, 968.  
**C<sub>10</sub>H<sub>17</sub>ON<sub>3</sub>** Ethyl 2-keto-*Δ*<sup>1:9</sup>-octalin-10-carboxylate semicarbazone, 56.  
**C<sub>10</sub>H<sub>17</sub>O<sub>2</sub>N** Acetyl tropine, and its hydrobromide, 1822.  
**C<sub>10</sub>H<sub>17</sub>O<sub>3</sub>N<sub>3</sub>** β-Acetyl-α-ethyl-γ-butyrolactone semicarbazones, 1062.  
 β-2-Ketocyclohexylpropionic acid semicarbazone, 823.  
**C<sub>10</sub>H<sub>17</sub>O<sub>3</sub>As** Camphor-10-arsinic acid, 392.  
**C<sub>10</sub>H<sub>17</sub>O<sub>4</sub>As** Camphor-10-arsonic acid, 392.  
**C<sub>10</sub>H<sub>17</sub>O<sub>5</sub>N<sub>3</sub>** Methyl γ-keto-β-methyl-*n*-butane-αβ-dicarboxylate semicarbazone, 1346.  
**C<sub>10</sub>H<sub>18</sub>O<sub>2</sub>S** α-Carbethoxyethyl sulphite, 158.



- C<sub>10</sub>H<sub>18</sub>NBr** 1-Bromomethyloctahydropyridocoline, and its salts, 969.  
**C<sub>10</sub>H<sub>18</sub>ON** 2-Hydroxy-2-ethyloctahydropyridocoline, and its picrolonate, 1520.  
 1-Octahydropyridocolylcarbinols, and their salts, 969.  
**C<sub>10</sub>H<sub>19</sub>O<sub>3</sub>N<sub>3</sub>** 8-Ketononic acid semicarbazone, 723.  
**C<sub>10</sub>H<sub>20</sub>O<sub>5</sub>S**  $\alpha$ -Carbethoxyethyl *n*-amyl sulphite, 158.  
**C<sub>10</sub>H<sub>21</sub>O<sub>5</sub>N** Trimethyl  $\alpha$ -methylglucosaminide, and its hydrochloride, 1983.  
**C<sub>10</sub>H<sub>22</sub>O<sub>3</sub>S** *n*-Amyl sulphite, 158.

## 10 IV

- C<sub>10</sub>H<sub>6</sub>O<sub>2</sub>NI<sub>2</sub>** Di-iodonitronaphthalenes, 124.  
**C<sub>10</sub>H<sub>6</sub>O<sub>2</sub>NS** Thionaphthen-2:3-dicarboxyimide, 917.  
**C<sub>10</sub>H<sub>6</sub>O<sub>1</sub>N<sub>2</sub>I** 1-Iodo-4:8-dinitronaphthalene, 572.  
**C<sub>10</sub>H<sub>6</sub>ON<sub>2</sub>S** Cyanothionaphthencarboxyamide, 918.  
**C<sub>10</sub>H<sub>6</sub>O<sub>2</sub>NBr** 1-Bromo-2-*o*-cyanophenylacrylic acid, 936.  
 Bromonitronaphthalenes, 1106.  
**C<sub>10</sub>H<sub>6</sub>O<sub>2</sub>NI** 1-Iodo-8-nitronaphthalene, 572.  
**C<sub>10</sub>H<sub>7</sub>O<sub>2</sub>NBr<sub>2</sub>** *o*-Cyanophenylacetylene, 936.  
**C<sub>10</sub>H<sub>6</sub>O<sub>2</sub>N<sub>2</sub>S** Thionaphthen-2:3-dicarboxyamide, 917.  
**C<sub>10</sub>H<sub>9</sub>N<sub>2</sub>ClS** 2-*o*-Chlorobenzylaminothiazole, hydrochloride of, 962.  
**C<sub>10</sub>H<sub>10</sub>ONCl**  $\beta$ -Chloro- $\gamma$ -phenoxybutyronitrile, 1061.  
**C<sub>10</sub>H<sub>10</sub>O<sub>2</sub>NBr** Bromonitrotetralins, 1107.  
 6-Bromoveratrylacetonitrile, 840.  
**C<sub>10</sub>H<sub>11</sub>O<sub>2</sub>ClS**  $\gamma$ -Chloro- $\alpha$ -benzylsulphonyl- $\Delta^{\alpha}$ -propylene, 312.  
**C<sub>10</sub>H<sub>11</sub>O<sub>2</sub>BrS**  $\gamma$ -Bromo- $\alpha$ -benzylsulphonylpropylenes, 312.  
**C<sub>10</sub>H<sub>11</sub>O<sub>5</sub>BrHg** 2-Bromomercuri-3:4:5-trimethoxybenzoic acid, 853.  
**C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>Cl<sub>2</sub>S**  $\beta\gamma$ -Dichloro- $\alpha$ -benzylsulphonylpropane, 312.  
**C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>Br<sub>2</sub>S**  $\beta\gamma$ -Dibromo- $\alpha$ -benzylsulphonylpropane, 311.  
**C<sub>10</sub>H<sub>13</sub>OClS**  $\gamma$ -Chloro- $\beta$ -hydroxy- $\alpha$ -benzylthio propane, 313.  
**C<sub>10</sub>H<sub>13</sub>O<sub>3</sub>NS** *N*-Acetyl-*p*-toluenesulphonmethylamide, 1118.  
**C<sub>10</sub>H<sub>13</sub>O<sub>3</sub>N<sub>2</sub>S** Triacetyl-2-amino-5-methyl-1:3:4-thiadiazine, 558.  
**C<sub>10</sub>H<sub>13</sub>O<sub>3</sub>ClS**  $\gamma$ -Chloro- $\beta$ -hydroxy- $\alpha$ -benzylsulphonylpropane, 313.  
**C<sub>10</sub>H<sub>13</sub>O<sub>4</sub>NS** *N*-Acetyl-*N*-methyl-*p*-toluidine-3-sulphonic acid, brucine and sodium salts, 276.  
*m*-Xylene-4-sulphonylglycine, 1696.  
**C<sub>10</sub>H<sub>13</sub>N<sub>4</sub>ClS** 3-(4'-Amino-2'-methylpyrimidyl-5'-methyl)-4-methylthiazolium chloride, hydrochloride of, 1506.  
**C<sub>10</sub>H<sub>15</sub>OCl<sub>2</sub>As** Camphor-10-dichloroarsine, 392.

## 10 V

- C<sub>10</sub>H<sub>12</sub>ON<sub>3</sub>ClS** 3-(4'-Hydroxy-2'-methylpyrimidyl-5'-methyl)-4'-methylthiazolium chloride, hydrochloride of, 1507.  
**C<sub>10</sub>H<sub>14</sub>O<sub>2</sub>NClS** *p*-Toluenesulphon- $\gamma$ -chloropropylamide, 1470.  
**C<sub>10</sub>H<sub>14</sub>O<sub>4</sub>NClS** *N*-Chloropyridinium *N*- $\alpha$ -carbethoxyethylsulphinate, 157.

C<sub>11</sub> Group.

- C<sub>11</sub>H<sub>18</sub>** 1-Methyloctalin, 1151.  
*cis*-9-Methyloctalin, 1145.  
**C<sub>11</sub>H<sub>20</sub>** 1-Methyldecalin, 1151.  
*cis*-9-Methyldecalin, 1145.

## 11 II

- C<sub>11</sub>H<sub>8</sub>N<sub>4</sub>** 4:5-Dicyano-2-phenyliminazole, 1437.  
**C<sub>11</sub>H<sub>8</sub>O<sub>3</sub>** 7-Methoxy-1:2-naphthaquinone, 1861.  
**C<sub>11</sub>H<sub>8</sub>O<sub>4</sub>** 4:8-Dihydroxy-1-naphthoic acid, 940.  
**C<sub>11</sub>H<sub>8</sub>O<sub>5</sub>** Piperonyltetronic acid, 1649.  
**C<sub>11</sub>H<sub>8</sub>O<sub>6</sub>** 7-Hydroxy-5-methoxycoumarin-3-carboxylic acid, 293.  
**C<sub>11</sub>H<sub>8</sub>N<sub>4</sub>** Benzylideneaminoiminosuccinonitrile, 1436.  
 Salicylideneaminoiminosuccinonitrile, 1436.  
**C<sub>11</sub>H<sub>10</sub>O** 2-Methylene- $\alpha$ -tetralone, 1170.  
**C<sub>11</sub>H<sub>10</sub>O<sub>2</sub>** Phenoxypropynyl methyl ketone, 1063.  
**C<sub>11</sub>H<sub>10</sub>O<sub>3</sub>** 1:2-Dihydroxy-7-methoxynaphthalene, 1861.  
**C<sub>11</sub>H<sub>10</sub>O<sub>4</sub>** 7:8-Ethylenedioxychromanone, 50.  
**C<sub>11</sub>H<sub>12</sub>O<sub>2</sub>** 5-Acetoxyhydrindene, 478.  
 5-Hydroxyacetylhydrindenes, 478.  
**C<sub>11</sub>H<sub>12</sub>O<sub>3</sub>** *p*-Acetoxypropiophenone, 455.  
 $\gamma$ -Benzoyl-*n*-butyric acid, 1015.  
**C<sub>11</sub>H<sub>12</sub>O<sub>4</sub>** 5:7-Dihydroxy-2:2-dimethylchromanone, 284.  
 4:6-Dihydroxy-2-*isopropyl*-3-coumaranone, 285.  
 2-Methoxy-*m*-tolylpyruvic acid, 261.  
**C<sub>11</sub>H<sub>14</sub>O<sub>4</sub>** 2:3-Ethylenedioxy- $\beta$ -phenoxypropionic acid, 50.  
**C<sub>11</sub>H<sub>14</sub>O** 2-Allyl-*p*-tolyl methyl ether, 265.  
 3-Allyl-*o*-tolyl methyl ether, 262.  
 6-Allyl-*m*-tolyl methyl ether, 512.  
 $\gamma$ -Phenyl- $\alpha$ -methylallyl methyl ethers, 217.

- C<sub>11</sub>H<sub>14</sub>O<sub>2</sub>** 7-Hydroxy-2:2-dimethylchroman, 1532.  
**C<sub>11</sub>H<sub>14</sub>O<sub>3</sub>** 5:7-Dihydroxy-2:2-dimethylchroman, 283.  
 2:6-Dihydroxyisovalerophenone, 278.  
 3-*iso*Propyl- $\Delta^4$ -tetrahydrophthalic anhydride, 1074.  
**C<sub>11</sub>H<sub>16</sub>O** 2-Ketomethyl- $\Delta^{1:9}$ -octalins, 58.  
 2-Methyl- $\Delta^{9:10}$ -1-octalone, 822.  
**C<sub>11</sub>H<sub>16</sub>O<sub>2</sub>** Tetrahydrotubanol, 278.  
**C<sub>11</sub>H<sub>17</sub>N** *p*-Amino-*n*-amylbenzene, and its hydrochloride, 1120.  
**C<sub>11</sub>H<sub>18</sub>O** 2-Keto-10-methyldecalin, 59.  
 2-Methyl-1-decalone, 822.  
*cis*-9-Methyl-2-decalone, 1143.  
**C<sub>11</sub>H<sub>18</sub>O<sub>2</sub>**  $\gamma$ - $\Delta^1$ -cycloHexenyl- $\alpha$ -methylbutyric acid, 822.  
 $\Delta^{9:10}$ -Undecynoic acid, hydration of, 1501.  
**C<sub>11</sub>H<sub>18</sub>O<sub>4</sub>** *cis*-1-Methylcyclohexane-1:2-diacetic acid, 1144.  
**C<sub>11</sub>H<sub>18</sub>O<sub>6</sub>** Octane- $\alpha\delta\theta$ -tricarboxylic acid, 821.  
**C<sub>11</sub>H<sub>20</sub>O** 1-Methyl-1-decalol, 1151.  
*cis*-9-Methyl-2-decalol, 1143.  
**C<sub>11</sub>H<sub>20</sub>O<sub>2</sub>**  $\Delta^{10}$ -*n*-Undecenoic acid, synthesis of, 1971.  
**C<sub>11</sub>H<sub>20</sub>O<sub>3</sub>** Ethyl 8-ketononoate, 723.  
 9-Ketoundecoic acid, 950.  
**C<sub>11</sub>H<sub>20</sub>O<sub>4</sub>**  $\beta$ -Methylsebacic acid, 1978.  
**C<sub>11</sub>H<sub>22</sub>O<sub>3</sub>** 9-Hydroxyundecoic acid, 951.  
**C<sub>11</sub>H<sub>22</sub>O<sub>6</sub>** Tetramethyl methylglucopyranoside, 1924.

## 11 III

- C<sub>11</sub>H<sub>7</sub>O<sub>2</sub>Br** 3-Bromo-1-naphthoic acid, 1767.  
 3-Bromo-2-naphthoic acid, 1528.  
**C<sub>11</sub>H<sub>9</sub>O<sub>3</sub>N** 2-Carbomethoxyindole-3-aldehyde, 469.  
 Methyl isocarbostyryl-3-carboxylate, 475.  
**C<sub>11</sub>H<sub>9</sub>O<sub>2</sub>Br** Butyl bromomalonates, 1811.  
**C<sub>11</sub>H<sub>9</sub>O<sub>2</sub>N<sub>3</sub>** Acetylnitromethylphthalaz-1:4-diones, 35.  
**C<sub>11</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>** *N*-*iso*Propylideneaminophthalide, 21.  
**C<sub>11</sub>H<sub>10</sub>O<sub>3</sub>N<sub>2</sub>** 3-*N*-Acetyl-3-methylaminophthalimide, 589.  
**C<sub>11</sub>H<sub>10</sub>O<sub>4</sub>N<sub>4</sub>** 5-Acetecarbamidophthalaz-1:4-dione, 1843.  
**C<sub>11</sub>H<sub>11</sub>O<sub>2</sub>Br** 6-Bromo-5-acetoxyhydrindene, 478.  
 6-Bromo-5-hydroxy-4-acetylhydrindene, 478.  
**C<sub>11</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>** 5-Acetamido-2-methylphthalaz-1:4-dione, 1846.  
 5-*N*-Acetylmethylaminophthalaz-1:4-dione, 589.  
*cyclo*Pentane-1:2-dione *p*-nitrophenylhydrazine, 811.  
**C<sub>11</sub>H<sub>11</sub>O<sub>2</sub>Cl** Chloromethyl  $\alpha$ -acetoxybenzyl ketone, 1914.  
**C<sub>11</sub>H<sub>11</sub>N<sub>3</sub>S** 2-Keto-4-methyl-2:3-dihydrothiazole-2-benzylidenehydrazone, and its hydrochloride, 557.  
**C<sub>11</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** *N*-Ethylglycinephenylhydantoin, 1694.  
*N*-Methylalaninephenylhydantoin, 1695.  
**C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>S** Thioformyltryptamine, 363.  
**C<sub>11</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>** 2-Anilinothioformamido-5-methyl-1:3:4-thiadiazine, 558.  
**C<sub>11</sub>H<sub>13</sub>ON** 3-Ethoxymethylindole, 1929.  
**C<sub>11</sub>H<sub>13</sub>O<sub>2</sub>N** 5-Cyano-4-ethylveratrole, 431.  
**C<sub>11</sub>H<sub>13</sub>O<sub>3</sub>N** Benzoyl-*N*-methylalanine, 1695.  
*iso*Propyl hydroxymethylene-2-pyridylacetate, 967.  
**C<sub>11</sub>H<sub>13</sub>O<sub>3</sub>N<sub>3</sub>** 7-Methoxychromanone semicarbazone, 1534.  
**C<sub>11</sub>H<sub>13</sub>O<sub>4</sub>N<sub>3</sub>**  $\omega$ -Aldehydovaleric acid *o*-nitrophenylhydrazone, 811.  
**C<sub>11</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** Trimethylethylene nitrosoketoanilide, 375.  
**C<sub>11</sub>H<sub>14</sub>O<sub>4</sub>S** Ethyl benzylsulphonylacetate, 315.  
**C<sub>11</sub>H<sub>15</sub>ON** 4-*iso*Propylacetanilide, 1595.  
**C<sub>11</sub>H<sub>15</sub>OBr** 5-Phenoxy-*n*-amyl bromide, 1976.  
**C<sub>11</sub>H<sub>15</sub>O<sub>2</sub>Cl** 4:5-Dimethoxy-2-ethylbenzyl chloride, 431.  
**C<sub>11</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>** *r*-Pilocarpine, resolution of, 1064.  
**C<sub>11</sub>H<sub>16</sub>O<sub>12</sub>N<sub>2</sub>** 2:3-Diacetyl  $\beta$ -methylglucoside 4:6-dinitrate, 1717.  
 4:6-Diacetyl  $\beta$ -methylglucoside 2:3-dinitrate, 1716.  
**C<sub>11</sub>H<sub>17</sub>ON** 2-Methyl- $\Delta^{9:10}$ -1-octalone oxime, 822.  
**C<sub>11</sub>H<sub>17</sub>ON<sub>3</sub>** 5-Ketomethyl- $\Delta^{4:9}$ -tetrahydrohydrindene semicarbazones, 59.  
**C<sub>11</sub>H<sub>17</sub>O<sub>2</sub>N<sub>2</sub>** *m*-Aminobenzaldehyde diethylacetal, 1891.  
 4:5-Dimethoxy-2-ethylbenzylamine, and its picrolonate, 431.  
**C<sub>11</sub>H<sub>17</sub>O<sub>3</sub>N** Ethyl 1-keto-octahydropyrrocoline-2-carboxylate, 1523.  
 Ethyl 3-keto-octahydropyrrocoline-1-carboxylate, 968.  
**C<sub>11</sub>H<sub>18</sub>O<sub>2</sub>Br<sub>2</sub>** Butyl dibromomalonates, 1811.  
**C<sub>11</sub>H<sub>18</sub>ON** Methyl-1-decalone oximes, 822.  
 2-Methyl-5-diethylaminomethylcyclopentanone, 59.  
**C<sub>11</sub>H<sub>18</sub>ON<sub>3</sub>** 8-Methyl-1-hydrindanone semicarbazone, 816, 1161.  
*cis*-8-Methyl-2-hydrindanone semicarbazone, 1144.  
**C<sub>11</sub>H<sub>18</sub>O<sub>2</sub>N** 2-Methylcyclopentanone-3-carboxydiethylamide, 1589.  
**C<sub>11</sub>H<sub>18</sub>O<sub>3</sub>N<sub>3</sub>**  $\gamma$ -Benzoyl- $\beta\beta$ -dimethyl-*n*-butyric acid semicarbazone, 1015.  
**C<sub>11</sub>H<sub>18</sub>O<sub>4</sub>N** 3-Carboxy-2:2:5:5-tetramethylpyrrolidine-1-acetic acid, 1525.

- $C_{11}H_{21}O_2N_3$  *dl*-1-Hydroxymenthone semicarbazone, 237.  
 $C_{11}H_{21}O_2Br$  Bromoundecic acids, 951.  
 $C_{11}H_{21}O_3N_3$  9-Ketodecic acid semicarbazone, 723.

## 11 IV

- $C_{11}H_7ON_2Br$  *m*-Bromosalicylideneaminoiminosuccinonitrile, 1436.  
 $C_{11}H_9O_3NI$  Phthalo- $\omega$ -iodoacetylhydrazide, 1167.  
 $C_{11}H_9ON_2Br$  3-Bromo-2-naphthoic hydrazide, 1528.  
 $C_{11}H_9ON_2S_2$  3:4-Dithiocarbamidophenylthiourethane, 1360.  
 $C_{11}H_{11}NCl_2S$  *N*-*o*-Chlorobenzyl-4-methylthiazolium chloride, 962.  
 $C_{11}H_{11}N_2ClS$  2-*o*-Chlorobenzylamino-4-methylthiazole, hydrochloride of, 962.  
 $C_{11}H_{11}NClS$  *N*-Benzyl-4-methylthiazolium chloride, 962.  
 $C_{11}H_{12}NIS$  *N*-*o*-Tolyl-4-methylthiazolium iodide, 962.  
 $C_{11}H_{11}NCl_3S$  *p*-Diethylaminophenyltrichloromethylthiol, 1633.  
 $C_{11}H_{11}N_2Cl_2S$  *N*-*o*-Aminobenzyl-4-methylthiazolium chloride, 962.  
 $C_{11}H_{14}N_2I_2S$  *N*-*o*-Aminobenzyl-4-methylthiazolium iodide, 962.  
 $C_{11}H_{15}O_4NS$  Mesitylenesulphonylglycine, 1696.  
*m*-Xylene-4-sulphonylsarcosine, 1696.  
 $C_{11}H_{15}NClBr$  *p*-Chlorophenyldimethylallylammonium bromide, 615.  
 $C_{11}H_{15}NBrI$  *p*-Iodophenyldimethylallylammonium bromide, 615.  
 $C_{11}H_{15}NBrF$  *p*-Fluorophenyldimethylallylammonium bromide, 615.

## 11 V

- $C_{11}H_{11}O_2N_2ClS$  *N*-*o*-Nitrobenzyl-4-methylthiazolium chloride, 962.  
 $C_{11}H_{16}O_2NCIS$  *p*-Toluenesulphon-( $\beta$ -chloroethyl)ethylamide, 1470.

C<sub>12</sub> Group.

- $C_{12}H_{12}$  1:8-Dimethylnaphthalene, 1156.  
 $C_{12}H_{16}$  2:2-Dimethyltetralin, 257.  
 $C_{12}H_{20}$  1:10-Dimethyloctalin, 1145.  
 $C_{12}H_{22}$  1:10-Dimethyldecalin, 1145.

## 12 II

- $C_{12}H_8O_4$  Bergapten, structure and synthesis of, 293.  
 $C_{12}H_{10}O_4$  1-Hydroxy-5-methoxy-2-naphthoic acid, 940.  
 $C_{12}H_{11}N_3$  Diazoaminobenzene, dipole moment of, 1808.  
 $C_{12}H_{11}O_4$  5:7-Dimethoxy-6-methylcoumarin, 288.  
 $C_{12}H_{12}O_5$  Veratryltetronic acid, 1649.  
 $C_{12}H_{12}O_6$  Veratrylpyruvic acid, 1648.  
 $C_{12}H_{14}O$  2:2-Dimethyl-1-tetralone, 257.  
 4:5-Dimethyl-1-tetralone, 1156.  
 $C_{12}H_{14}O_2$  7-Hydroxy-2:2:4-trimethyl- $\Delta^3$ -chromen, 1534.  
*a*-Phenyl- $\gamma$ -methylallyl acetates, 215.  
 $C_{12}H_{14}O_3$  Acid, from oxidation of anisoxide, 515.  
 $\beta$ -Benzoyl- $\alpha\alpha$ -dimethylpropionic acid, 256.  
 Ethyl  $\gamma$ -phenoxyacrylate, 1059.  
 7-Hydroxy-6-formyl-2:2-dimethylchroman, 1544.  
 6-Methoxy-2-*isopropyl*- $\beta$ -coumaranone, 1533.  
 $C_{12}H_{14}O_4$  5:7-Dihydroxy-8-formyl-2:2-dimethylchroman, 290.  
 5-Hydroxy-7-methoxy-2:2-dimethylchromanone, 1539.  
 7-Hydroxy-5-methoxy-2:2-dimethylchromanone, 1539.  
 $C_{12}H_{14}O_5$   $\gamma$ -(2-Carboxy-5-methoxyphenyl)butyric acid, 71.  
 $C_{12}H_{14}O_6$  Ethyl quinol-2:3-dicarboxylate, 483.  
 Veratrylsuccinic acid, 836.  
 $C_{12}H_{14}O_8$  Methyl 2-keto-3-methyl-2:5-dihydrofuran-5-malonate-5-carboxylate, 1345.  
 $C_{12}H_{16}O$  Cumyl methyl ketone, 763.  
 $C_{12}H_{16}O_2$   $\beta$ -Benzyl- $\alpha\alpha$ -dimethylpropionic acid, 256.  
 Methyl  $\delta$ -phenoxybutyl ketone, 724.  
 $C_{12}H_{16}O_3$   $\beta$ -Asarone, 1338.  
 7-Hydroxy-5-methoxy-2:2-dimethylchroman, 1540.  
 $C_{12}H_{16}O_4$  Ethyl *p*-hydroxy- $\gamma$ -phenoxybutyrate, 1061.  
 $\alpha$ -3-Methoxyphenoxyisovaleric acid, 1534.  
 $C_{12}H_{17}O_3$  5-Hydroxy-7-methoxy-2:2-dimethylchroman, 1539.  
 $C_{12}H_{18}O$  1:6-Dimethyl- $\Delta^{9,10}$ -4-octalone, 823.  
 $C_{12}H_{18}O_4$   $\beta$ - $\Delta^1$ -cycloHexenylethylmethylmalonic acid, 822.  
 $C_{12}H_{18}O_5$  cycloHexanone-2:6- $\beta\beta'$ -dipropionic acid, 946.  
 $\alpha$ -2:4:5-Trimethoxyphenyl- $\beta$ -methylene glycol, 1340.  
 $C_{12}H_{18}S_2$   $\gamma$ -Benzylthio- $\alpha$ -ethylthiopropene, 314.  
 $C_{12}H_{19}N$  *p*-Amino-*n*-hexylbenzene, and its salts, 1121.  
*n*-Hexylaniline, and its hydrobromide, 1121.  
 $C_{12}H_{20}O_2$   $\gamma$ -(4-Methyl- $\Delta^1$ -cyclohexenyl)valeric acid, 823.  
 $C_{12}H_{20}O_3$  Ethyl  $\gamma$ -2-ketocyclohexylbutyrate, 821.

- C<sub>12</sub>H<sub>20</sub>O<sub>4</sub>**  $\beta\beta'$ -Bistetrahydrofurylisobutyric acid, 720.  
 Methyl 2-carbomethoxy-1:1-dimethylcyclobutane-3- $\beta$ -propionate, 75.  
 Methyl *dl*-2-carbomethoxymethyl-1:1-dimethylcyclobutane-3-acetate, 75.  
 Methyl homocaryophyllenate, 75.  
 $\Delta^8$ -*n*-Nonenylmalonic acid, 1974.  
**C<sub>12</sub>H<sub>20</sub>O<sub>5</sub>** Ethyl tetrahydrofurfurylmalonate, 719.  
**C<sub>12</sub>H<sub>20</sub>O<sub>7</sub>** Gluconic acid diacetone, 796.  
**C<sub>12</sub>H<sub>22</sub>O** 2:6-Dimethyl-1- $\Delta^7$ -butenylcyclohexanol, 1145.  
**C<sub>12</sub>H<sub>22</sub>O<sub>2</sub>** Dihydrocitronellylideneacetic acids, 1590.  
**C<sub>12</sub>H<sub>22</sub>O<sub>3</sub>** Menthane-1:3-diol acetate, 238.  
**C<sub>12</sub>H<sub>22</sub>O<sub>7</sub>** Pentamethyl gluco-ascorbic acid, 553.
- 12 III**
- C<sub>12</sub>H<sub>6</sub>O<sub>2</sub>Br<sub>4</sub>** Tetrabromoacenaphthenequinone, 1762.  
**C<sub>12</sub>H<sub>3</sub>O<sub>2</sub>Br<sub>3</sub>** Tribromoacenaphthenequinone, 1762.  
**C<sub>12</sub>H<sub>3</sub>O<sub>2</sub>Br<sub>3</sub>** Tribromonaphthalic anhydride, 1766.  
**C<sub>12</sub>H<sub>4</sub>O<sub>2</sub>Br<sub>3</sub>** 3-Bromonaphthalic anhydride, 1765.  
**C<sub>12</sub>H<sub>6</sub>O<sub>4</sub>N<sub>2</sub>**  $\alpha$ -Methyl-lævulic acid *p*-nitrophenylhydrazone, 1346.  
**C<sub>12</sub>H<sub>9</sub>NCI<sub>5</sub>** 2:4:6:2':4'-Pentachlorodiphenylamine, 1956.  
**C<sub>12</sub>H<sub>9</sub>O<sub>2</sub>N<sub>2</sub>** Norharmancarboxylic acid, 472.  
**C<sub>12</sub>H<sub>8</sub>O<sub>2</sub>Br** Methyl 3-bromo-1-naphthoate, 1767.  
**C<sub>12</sub>H<sub>8</sub>O<sub>2</sub>Br<sub>2</sub>** Methyl 1:6-dibromo-2-naphthoate, 1103.  
**C<sub>12</sub>H<sub>8</sub>O<sub>2</sub>N<sub>2</sub>** 2-Keto-2:3-dihydro- $\beta$ -carboline-4-carboxylic acid, 470.  
**C<sub>12</sub>H<sub>9</sub>O<sub>2</sub>N<sub>2</sub>** 2-Phenylpyrimidine-4:6-dicarboxylic acid, 495.  
**C<sub>12</sub>H<sub>8</sub>NCI** 4-Chlorocarbazole, 1128.  
**C<sub>12</sub>H<sub>5</sub>NCI<sub>3</sub>** 2:4:4'-Trichlorodiphenylamine, 1955.  
**C<sub>12</sub>H<sub>9</sub>O<sub>2</sub>N** *p*-Nitrodiphenyl sulphide, compounds of, with sulphuric acid, 1634.  
**C<sub>12</sub>H<sub>9</sub>O<sub>2</sub>Br** Bromo-3-acetyl-2-naphthol, 482.  
 Methyl 3-bromo- $\beta$ -naphthoate, 1528.  
**C<sub>12</sub>H<sub>9</sub>O<sub>2</sub>N** *p*-Nitrodiphenyl ether, compounds of, with sulphuric acid, 1634.  
**C<sub>12</sub>H<sub>9</sub>NCI<sub>2</sub>** 2:4'-Dichlorodiphenylamine, 1955.  
**C<sub>12</sub>H<sub>9</sub>NS<sub>2</sub>** 2-Aminothianthren, 1592.  
**C<sub>12</sub>H<sub>10</sub>ON<sub>2</sub>** *p*-Hydroxyazobenzene, dipole moment of, 1858.  
**C<sub>12</sub>H<sub>10</sub>ON<sub>4</sub>** Anisylideneaminoiminosuccinonitrile, 1436.  
**C<sub>12</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>** 2-Phenyl-4-methylpyrimidine-6-carboxylic acid, 495.  
**C<sub>12</sub>H<sub>10</sub>O<sub>2</sub>Br<sub>2</sub>** 1:5-Dibromo-2:6-dimethoxynaphthalene, 1861.  
**C<sub>12</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>** 4-Acetoxy-2-acetylphthalaz-1-one, 25.  
**C<sub>12</sub>H<sub>10</sub>O<sub>5</sub>N<sub>2</sub>** 3:6-Diacetamidophthalic anhydride, 590.  
**C<sub>12</sub>H<sub>10</sub>O<sub>6</sub>N<sub>2</sub>** 1:5-Dinitro-2:6-dimethoxynaphthalene, 1860.  
**C<sub>12</sub>H<sub>10</sub>NCI** 12-Chloro-2:3-dihydro- $\beta$ -quinindene, 377.  
**C<sub>12</sub>H<sub>10</sub>N<sub>2</sub>Cl<sub>2</sub>** 4:4-Dichlorodiaminodiphenyls, 38.  
 2:4'-Dichloro-*NN*-diphenylhydrazine, 1956.  
**C<sub>12</sub>H<sub>11</sub>O<sub>2</sub>N** 4-Acetyl-2-methylhomophthalimide, 1313.  
 Ethyl isocarbostyryl-3-carboxylate, 475.  
 Methyl 1-keto-2-methyl-1:2-dihydroisoquinoline-3-carboxylate, 475.  
**C<sub>12</sub>H<sub>11</sub>O<sub>4</sub>N** 1-Nitro-2:6-dimethoxynaphthalene, 1860.  
**C<sub>12</sub>H<sub>11</sub>O<sub>4</sub>N<sub>3</sub>** 3:6-Diacetamidophthalimide, 589.  
**C<sub>12</sub>H<sub>11</sub>N<sub>2</sub>Cl** *N*-Phenyl-*N*-*p*-chlorophenylhydrazine, 1956.  
**C<sub>12</sub>H<sub>11</sub>N<sub>5</sub>Cl<sub>4</sub>** Bis-(2:4-dichloro-6-methylpyrimidyl-5-methyl)amine, 1509.  
**C<sub>12</sub>H<sub>12</sub>ON<sub>2</sub>** 1-Phenyl-3:4-cyclopentano-5-pyrazolone, 810.  
**C<sub>12</sub>H<sub>12</sub>O<sub>4</sub>N<sub>4</sub>** *N*-Amino-3:6-diacetamidophthalimide, 590.  
 5:8-Diacetamidophthalaz-1:4-dione, 590.  
**C<sub>12</sub>H<sub>12</sub>O<sub>2</sub>N<sub>4</sub>**  $\alpha$ -Keto adipic acid 2:4-dinitrophenylhydrazone, 811.  
**C<sub>12</sub>H<sub>12</sub>NCI** Chlorotetrahydrocarbazoles, 1127.  
**C<sub>12</sub>H<sub>12</sub>O<sub>2</sub>N** 1-Aminodimethoxynaphthalenes, 1860.  
**C<sub>12</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>** Phenoxypropynyl methyl ketone semicarbazone, 1063.  
**C<sub>12</sub>H<sub>12</sub>O<sub>3</sub>N<sub>3</sub>** Acetamido-2:3-dimethylphthalaz-1:4-diones, 36.  
 5-*N*-Acetylaminoethoxymethylphthalazones, 1844.  
**C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>Cl** 6-Chloro-7-aminotetrahydrocarbazole, 1128.  
**C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>S** 2-Keto-4-methyl-2:3-dihydrothiazole-2- $\alpha$ -phenylethylidenehydrazone, and its hydrochloride, 557.  
**C<sub>12</sub>H<sub>14</sub>ON<sub>2</sub>** 6-Keto-3-phenyl-5:5-dimethyltetrahydropyridine, 256.  
**C<sub>12</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** Diaminodimethoxynaphthalenes, 1860.  
**C<sub>12</sub>H<sub>14</sub>O<sub>6</sub>Hg** 2-Acetoxymercuri-3:4:5-trimethoxybenzaldehyde, 853.  
**C<sub>12</sub>H<sub>14</sub>NCI** 6-Chlorohexahydrocarbazole, 1128.  
**C<sub>12</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** *oo'*-Dimethoxydiazoaminobenzene, 324.  
**C<sub>12</sub>H<sub>14</sub>O<sub>3</sub>N** Benzoyl-*N*-propylglycine, 1694.  
**C<sub>12</sub>H<sub>14</sub>O<sub>3</sub>N<sub>3</sub>**  $\gamma$ -Benzoyl-*n*-butyric acid semicarbazone, 1015.  
**C<sub>12</sub>H<sub>14</sub>O<sub>3</sub>Cl** Ethyl  $\beta$ -chloro- $\gamma$ -phenoxybutyrate, 1061.  
**C<sub>12</sub>H<sub>14</sub>O<sub>2</sub>Br** Ethyl  $\alpha$ -bromo- $\gamma$ -phenoxybutyrate, 1059.  
**C<sub>12</sub>H<sub>15</sub>O<sub>4</sub>N<sub>3</sub>** Methyl lævulate *p*-nitrophenylhydrazone, 1618.  
**C<sub>12</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** Trimethylethylene nitrosoketo-*p*-toluidide, 375.  
**C<sub>12</sub>H<sub>16</sub>O<sub>2</sub>S<sub>2</sub>**  $\alpha$ -Benzylsulphonyl- $\gamma$ -ethylthiopropylene, 312, 313.  
 $\gamma$ -Benzylthio- $\alpha$ -ethylsulphonyl- $\Delta^{\alpha}$ -propylene, 314.

- C<sub>12</sub>H<sub>16</sub>O<sub>2</sub>N<sub>4</sub>** *sec.*-Butylacetaldehyde 2:4-dinitrophenylhydrazone, 1045.  
 Diethylacetaldehyde 2:4-dinitrophenylhydrazone, 1046.  
 Dimethylethylacetaldehyde 2:4-dinitrophenylhydrazone, 1046.  
*dl.*-Methylisopropylacetaldehyde 2:4-dinitrophenylhydrazone, 1045.  
**C<sub>12</sub>H<sub>16</sub>O<sub>2</sub>S** Ethyl *α-p.*-toluenesulphinoxypropionate, 156.  
 Tetrahydrofurfuryl *p.*-toluenesulphonate, 720.  
**C<sub>12</sub>H<sub>16</sub>O<sub>4</sub>S<sub>2</sub>** *α*-Benzylsulphonyl-*γ*-ethylsulphonylpropylenes, 312.  
**C<sub>12</sub>H<sub>16</sub>O<sub>6</sub>N<sub>4</sub>** *γ*-Keto-*β*-hydroxymethyl-*β*-methylbutyl alcohol 2:4-dinitrophenylhydrazone, 843.  
**C<sub>12</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** Trimethylethylene nitrosnitrol-*o.*-toluidide, 375.  
**C<sub>12</sub>H<sub>17</sub>O<sub>2</sub>N** 5-Amino-4-ethylveratrole, 431.  
**C<sub>12</sub>H<sub>17</sub>ClS<sub>2</sub>** *β*-Chloro-*α*-benzylthio-*γ*-ethylthiopropene, 314.  
**C<sub>12</sub>H<sub>16</sub>OS<sub>2</sub>** *β*-Hydroxy-*α*-benzylthio-*γ*-ethylthiopropene, 314.  
**C<sub>12</sub>H<sub>16</sub>O<sub>3</sub>S<sub>2</sub>** *β*-Hydroxy-*γ*-benzylthio-*α*-ethylsulphonylpropene, 313.  
*β*-Hydroxy-*γ*-ethylthio-*α*-benzylsulphonylpropene, 313.  
**C<sub>12</sub>H<sub>16</sub>O<sub>4</sub>S<sub>2</sub>** *γ*-Benzylsulphonyl-*α*-ethylsulphonylpropene, 314.  
**C<sub>12</sub>H<sub>16</sub>O<sub>5</sub>S<sub>2</sub>** *β*-Hydroxy-*α*-benzylsulphonyl-*γ*-ethylsulphonylpropene, 314.  
**C<sub>12</sub>H<sub>19</sub>ON** 1:6-Dimethyl- $\Delta^{9,10}$ -4-octalone oxime, 823.  
**C<sub>12</sub>H<sub>19</sub>ON<sub>3</sub>** 2-Ketomethyl- $\Delta^{1,9}$ -octalin semicarbazones, 58.  
 2-Methyl- $\Delta^{9,10}$ -1-octalone semicarbazone, 822.  
**C<sub>12</sub>H<sub>19</sub>O<sub>3</sub>N** Ethyl 2-hydroxy-2-cyano-1:3-dimethylcyclohexane-1-carboxylate, 258.  
**C<sub>12</sub>H<sub>21</sub>ON<sub>3</sub>** 2-Methyl-1-decalone semicarbazone, 822.  
 9-Methyl-1-decalone semicarbazone, 817.  
*cis*-9-Methyl-2-decalone semicarbazone, 1143.  
**C<sub>12</sub>H<sub>21</sub>O<sub>2</sub>N** Base *Z*, and its oxalate, 1820.  
**C<sub>12</sub>H<sub>21</sub>O<sub>4</sub>N** Ethyl piperidino-1-acetate-4-carboxylate, 1989.  
**C<sub>12</sub>H<sub>23</sub>ON** 2-Methyl-6-diethylaminomethylcyclohexanone, 57.  
**C<sub>12</sub>H<sub>23</sub>O<sub>3</sub>N<sub>3</sub>** Ethyl 8-ketonoate semicarbazone, 723.  
 9-Ketoundecoic acid semicarbazone, 950.  
**C<sub>12</sub>H<sub>25</sub>O<sub>6</sub>N** *N*-Acetyl trimethyl *α*- and *β*-methylglucosaminides, 1981.  
**C<sub>12</sub>H<sub>25</sub>O<sub>2</sub>N** *N*-Bromo-11-methylaminoundecoic acid, and its hydrochloride, 716.

## 12 IV

- C<sub>12</sub>H<sub>4</sub>O<sub>5</sub>NBr** 4-Bromo-3-nitronaphthalic anhydride, 1766.  
**C<sub>12</sub>H<sub>6</sub>O<sub>5</sub>NBr** 3-Bromoacenaphthenequinoneoxime, 1762.  
 3-Bromonaphthalimide, 1765.  
**C<sub>12</sub>H<sub>7</sub>O<sub>2</sub>N<sub>2</sub>Cl** 2-Chloro-*β*-carboline-4-carboxylic acid, 472.  
**C<sub>12</sub>H<sub>7</sub>O<sub>2</sub>Cl<sub>2</sub>S<sub>2</sub>** 2:5-Dichlorophenyl 4-chlorobenzenethiolsulphonate, 489.  
**C<sub>12</sub>H<sub>8</sub>ON<sub>2</sub>Cl<sub>2</sub>** *N*-Nitroso-2:4'-dichlorodiphenylamine, 1956.  
**C<sub>12</sub>H<sub>8</sub>O<sub>2</sub>NBr** 3-Bromo-2-nitroacenaphthene, 1766.  
**C<sub>12</sub>H<sub>8</sub>O<sub>2</sub>N<sub>2</sub>Cl** 4-Chloro-2:4'-dinitro-2-hydroxydiphenylamine, 41.  
 5-Chloro-2:4'-dinitro-2-hydroxydiphenyl ether, 41.  
**C<sub>12</sub>H<sub>8</sub>O<sub>2</sub>N<sub>3</sub>I** 5-Iodo-2:4'-dinitro-2-aminodiphenyl ether, 40.  
 4-Iodo-2:4'-dinitro-2-hydroxydiphenylamine, 40.  
**C<sub>12</sub>H<sub>8</sub>ON<sub>2</sub>Cl** *N*-Nitroso-*p.*-chlorodiphenylamine, 1956.  
**C<sub>12</sub>H<sub>8</sub>ONClBr** 4-Chloro-4'-bromodiphenylamine, 1956.  
**C<sub>12</sub>H<sub>11</sub>O<sub>3</sub>N<sub>2</sub>Cl** 4-Chloro-5-nitro-6-ethoxy-2-methylquinoline, 426.  
**C<sub>12</sub>H<sub>11</sub>ONCl** 4-Chloro-6-ethoxy-2-methylquinoline, 426.  
**C<sub>12</sub>H<sub>15</sub>O<sub>2</sub>N<sub>2</sub>I** *N*-Methyl-3-dimethylaminophthalimide methiodide, 588.  
**C<sub>12</sub>H<sub>17</sub>O<sub>2</sub>ClS<sub>2</sub>** *β*-Chloro-*γ*-ethylthio-*α*-benzylsulphonylpropene, 313.  
**C<sub>12</sub>H<sub>17</sub>O<sub>3</sub>NS** Thioformylmezcaline, 363.  
**C<sub>12</sub>H<sub>17</sub>O<sub>4</sub>NS** Mesitylenesulphonylsarcosine, 1696.  
*N-m.*-Xylene-4-sulphonyl-*N*-ethylglycine, 1696.  
**C<sub>12</sub>H<sub>17</sub>O<sub>4</sub>ClS<sub>2</sub>** *β*-Chloro-*α*-benzylsulphonyl-*γ*-ethylsulphonylpropene, 314.  
**C<sub>12</sub>H<sub>27</sub>ClPAu** Chlorotri-*n.*-butylphosphinegold, 1832.  
**C<sub>12</sub>H<sub>27</sub>IPAu** Iodotri-*n.*-butylphosphinegold, 1832.

## 12 V

- C<sub>12</sub>H<sub>7</sub>O<sub>2</sub>NCl<sub>2</sub>S** 4:4'-Dichloro-3-nitrodiphenylsulphone, 244.  
**C<sub>12</sub>H<sub>7</sub>O<sub>2</sub>N<sub>2</sub>ClS** 5-Chloro-2:4-dinitrodiphenyl sulphide, 248.  
**C<sub>12</sub>H<sub>7</sub>O<sub>2</sub>N<sub>2</sub>ClS** 5-Chloro-2:4-dinitrodiphenylsulphone, 248.  
**C<sub>12</sub>H<sub>11</sub>ON<sub>2</sub>ClS** *N*-*o.*-Acetamidophenyl-4-methylthiazolium chloride, 962.  
**C<sub>12</sub>H<sub>14</sub>ON<sub>2</sub>Cl<sub>2</sub>S** 3-(2':4'-Dichloro-6'-methylpyrimidyl-5'-methyl)-5-*β*-hydroxyethyl-4-methylthiazolium chloride, 495.  
 3-(2':4'-Dichloro-6'-methylpyrimidyl-5'-methyl)-4-methyl-5-*β*-hydroxyethylthiazolium chloride, 1508.  
**C<sub>12</sub>H<sub>14</sub>ON<sub>2</sub>Cl<sub>2</sub>S** 3-(2'-Chloro-4'-amino-6'-methylpyrimidyl-5'-methyl)-4-methyl-5-*β*-hydroxyethylthiazolium chloride, 1508.  
**C<sub>12</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>ClS** 3-(4'-Hydroxy-2'-methylpyrimidyl-5'-methyl)-4-methyl-5-*β*-hydroxyethylthiazolium chloride, hydrochloride of, 1506.  
**C<sub>12</sub>H<sub>18</sub>ON<sub>4</sub>Cl<sub>2</sub>S** Aneurin chloride, 367.

## 12 VI

- C<sub>12</sub>H<sub>14</sub>ON<sub>2</sub>Cl<sub>2</sub>IS** 3-(2':4'-Dichloro-6'-methylpyrimidyl-5'-methyl-4-methyl-5-*β*-hydroxyethylthiazolium iodide, 1508.

C<sub>13</sub> Group.

- C<sub>13</sub>H<sub>12</sub> *α*-isopropenylnaphthalene, 1790.  
 C<sub>13</sub>H<sub>18</sub> 2-Methyl-2-ethyltetralin, 257.

## 13 II

- C<sub>13</sub>H<sub>6</sub>O<sub>2</sub> Dibenzfuran-3-aldehyde, 779.  
 C<sub>13</sub>H<sub>6</sub>N Phenanthridine, and its salts, 1171.  
 C<sub>13</sub>H<sub>10</sub>O<sub>3</sub> Benzylidenephloroglucide, 843.  
 C<sub>13</sub>H<sub>10</sub>O<sub>7</sub> 7-Hydroxy-5-methoxy-6-formylcoumarin-7-*O*-acetic acid, 293.  
 C<sub>13</sub>H<sub>12</sub>O 6-Methoxy-1-vinylnaphthalene, 1319.  
 C<sub>13</sub>H<sub>12</sub>O<sub>3</sub> 4:8-Dimethoxy-1-naphthaldehyde, 940.  
 C<sub>13</sub>H<sub>12</sub>O<sub>4</sub> 1:5-Dimethoxy-2-naphthoic acid, 940.  
 4:8-Dimethoxy-1-naphthoic acid, 940.  
 C<sub>13</sub>H<sub>12</sub>O<sub>6</sub> 5:6-Dimethoxy-6-methylcoumarin-3-carboxylic acid, 289.  
 C<sub>13</sub>H<sub>13</sub>N 5:6:7:8-Tetrahydrophenanthridine, and its picrate, 1179.  
 C<sub>13</sub>H<sub>14</sub>O<sub>3</sub> 5-Acetoxy-6-acetylhydrindene, 478, 561.  
 Trimethoxynaphthalenes, 1861.  
 C<sub>13</sub>H<sub>14</sub>O<sub>4</sub> 7-Acetoxy-2:2-dimethylchromanone, 1532.  
 C<sub>13</sub>H<sub>14</sub>N<sub>2</sub> 9-Methyl-2:3:4:9-tetrahydrophenazine, 1703.  
 C<sub>13</sub>H<sub>16</sub>O<sub>2</sub> 5-Methoxy-7-ethoxy-8-methylcoumarin, 290.  
 C<sub>13</sub>H<sub>16</sub>O 2-Methyl-2-ethyl-1-tetralone, 257.  
 C<sub>13</sub>H<sub>16</sub>O<sub>2</sub> Xanthone, structure of, 196.  
 C<sub>13</sub>H<sub>16</sub>O<sub>3</sub> *γ*-Benzoyl-*ββ*-dimethyl-*n*-butyric acid, 1015.  
*β*-Benzoyl-*α*-methyl-*α*-ethylpropionic acid, 257.  
 C<sub>13</sub>H<sub>16</sub>O<sub>4</sub> 5:7-Dimethoxy-2:2-dimethylchromanone, 284.  
 7-Hydroxy-5-methoxy-6-formyl-2:2-dimethylchroman, 291.  
 7-Hydroxy-5-methoxy-8-formyl-2:2-dimethylchroman, 1548.  
 C<sub>13</sub>H<sub>16</sub>N<sub>2</sub> Aminomethyltetrahydrocarbazoles, 1129.  
 C<sub>13</sub>H<sub>17</sub>O<sub>4</sub> Deoxyapoxanthoxyletin ethyl ether, 290.  
 C<sub>13</sub>H<sub>18</sub>O<sub>2</sub> *β*-Benzyl-*α*-methyl-*α*-ethylpropionic acid, 257.  
*δ*-Phenyl-*ββ*-dimethyl-*n*-valeric acid, 1015.  
 C<sub>13</sub>H<sub>18</sub>O<sub>3</sub> 5:7-Dimethoxy-2:2-dimethylchroman, 291.  
 Ethyl 2-keto- $\Delta^{1:9}$ -octalin-10-carboxylate, 56.  
 Ethyl 5-phenoxyvalerate, 725.  
 5-Keto-6-carbethoxy-3-methyl- $\Delta^{4:9}$ -tetrahydrohydrindene, 59.  
 C<sub>13</sub>H<sub>18</sub>O<sub>4</sub> *αβ*-Dihydroxy-*β*-cumyl-*α*-methylpropionic acid, 763.  
 C<sub>13</sub>H<sub>18</sub>N<sub>2</sub> Amino-6-methylhexahydrocarbazoles, 1128.  
 9-Methyloctahydrophenazine, 1704.  
 C<sub>13</sub>H<sub>20</sub>O<sub>2</sub> Methyl *δδ*-dimethyl- $\Delta^{a\gamma\eta}$ -nonatriene-*α*-carboxylate, 758.  
 C<sub>13</sub>H<sub>20</sub>O<sub>3</sub> Ethyl *cis*-2-decalone-3-carboxylate, 824.  
 C<sub>13</sub>H<sub>20</sub>O<sub>7</sub> Trimethyl gluco-ascorbic acid acetone, 553.  
 C<sub>13</sub>H<sub>21</sub>N *p*-Amino-*n*-heptylbenzene, and its hydrochloride, 1122.  
*n*-Heptylaniline, and its hydrochloride, 1122.  
 C<sub>13</sub>H<sub>22</sub>O<sub>4</sub> Ethyl 7:9-diketo-2-methyldecoate, 66.  
 Ethyl 2-methyl- $\Delta^1$ -*n*-hexene-1:6-dicarboxylate, 1977.  
 C<sub>13</sub>H<sub>21</sub>O<sub>3</sub> Ethyl 2-methyl-1-*γ*-hydroxypropylcyclohexane-2-carboxylate, 1161.

## 13 III

- C<sub>13</sub>H<sub>8</sub>O<sub>2</sub>S<sub>2</sub> Thianthrencarboxylic acid, 444.  
 C<sub>13</sub>H<sub>8</sub>O<sub>3</sub>S Phenoxthioninecarboxylic acid, and its salts, 446.  
 C<sub>13</sub>H<sub>6</sub>O<sub>2</sub>N Dibenzfuran-3-aldehyde oxime, 779.  
 C<sub>13</sub>H<sub>6</sub>NS 4-Diphenyl *isothiocyanate*, 1700.  
 C<sub>13</sub>H<sub>10</sub>ON<sub>4</sub> Benzylideneaminoacetimidodisuccinonitrile, 1436.  
 C<sub>13</sub>H<sub>10</sub>O<sub>3</sub>N<sub>2</sub> Methyl 2-keto-2:3-dihydro-*β*-carboline-4-carboxylate, 470.  
 C<sub>13</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub> Methyl norharmancarboxylate, 472.  
 C<sub>13</sub>H<sub>10</sub>N<sub>2</sub>S *N*-Thiocarbimidodiphenylamine, 1362.  
 C<sub>13</sub>H<sub>11</sub>O<sub>3</sub>Br Methyl 8-bromo-7-methoxy-1-naphthoate, 537.  
 C<sub>13</sub>H<sub>11</sub>O<sub>5</sub>N<sub>2</sub> 2':4'-Dinitro-2-amino-5-methyldiphenyl ether, 40.  
 2':4'-Dinitro-2-hydroxy-4-methyldiphenylamine, and its salts, 40.  
 C<sub>13</sub>H<sub>11</sub>O<sub>6</sub>N<sub>3</sub> 2':4'-Dinitro-2-amino-5-methoxydiphenyl ether, 39.  
 2':4'-Dinitro-2-hydroxy-4-methoxydiphenylamine, 39.  
 C<sub>13</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub> 1-Nitro-5:6:7:8-tetrahydrophenanthridine, and its picrate, 1172.  
 C<sub>13</sub>H<sub>12</sub>NCl 3-Chloro-5:6:7:8-tetrahydrophenanthridine, and its picrate, 1172.  
 C<sub>13</sub>H<sub>12</sub>NBr 3-Bromo-5:6:7:8-tetrahydrophenanthridine, and its picrate, 1172.  
 C<sub>13</sub>H<sub>12</sub>N<sub>2</sub>Br 1-*p*-Bromophenyl-3-phenyl-3-methyltriazene, 324.  
 C<sub>13</sub>H<sub>13</sub>O<sub>3</sub>I 8-Iodo-1:2:7-trimethoxynaphthalene, 1862.  
 C<sub>13</sub>H<sub>13</sub>O<sub>5</sub>N Nitrotrimethoxynaphthalenes, 1862.  
 C<sub>13</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub> 8-Nitro-6-methyltetrahydrocarbazole, 1128.  
 C<sub>13</sub>H<sub>13</sub>O<sub>3</sub>N 8-Amino-1:2:7-trimethoxynaphthalene, 1862.  
 C<sub>13</sub>H<sub>15</sub>O<sub>4</sub>N Methyl 1-keto-1:2-dihydroisoquinoline-3-orthoformate, and its potassium salt, 474.  
 C<sub>13</sub>H<sub>15</sub>O<sub>6</sub>N<sub>3</sub> *α*-Ketopimelic acid *p*-nitrophenylhydrazone, 813.  
 C<sub>13</sub>H<sub>15</sub>N<sub>2</sub>I 1:2:3:4-Tetrahydrophenazine methiodide, 1703.  
 C<sub>13</sub>H<sub>16</sub>ON<sub>2</sub> 6-Hydroxy-3-phenyl-5-methyl-5-ethyltetrahydropyridazine, 257.

- $C_{13}H_{16}O_2N_2$   $\omega$ -Aldehyde- $\gamma$ -keto- $\alpha$ -phenyl- $\Delta^{\alpha}$ -hexenedione, 302.  
Methyl- $\Delta^1$ -cyclohexene nitrosoketoanilide, 375.  
Donaxarine, 1928.
- $C_{13}H_{16}O_4N_2$   $\alpha$ -Ketopimelic acid phenylhydrazone, 812.
- $C_{13}H_{16}O_6N_4$   $\alpha\gamma$ -Methylenedioxy- $\beta$ -acetyl- $\beta$ -methylpropane 2:4-dinitrophenylhydrazone, 844.
- $C_{13}H_{17}ON$  Methyl- $\Delta^1$ -cyclohexenекetoanilide, 375.
- $C_{13}H_{17}O_2N_3$  Methyl- $\Delta^1$ -cyclohexenenitrosotrolanilide, 375.
- $C_{13}H_{17}O_4N$  Ethyl 4-carbethoxyphenylaminoacetate, 454.  
Ethyl 2-pyridylsuccinate, and its picronolate, 968.
- $C_{13}H_{17}O_4N_3$  Methyl  $\alpha$ -methyl-lævulate *p*-nitrophenylhydrazone, 1346.
- $C_{13}H_{18}ON_2$  Methyl- $\Delta^1$ -cyclohexenenitrolanilide, 375.
- $C_{13}H_{18}ON$  *p*-Acetamido-*n*-amylbenzene, 1120.
- $C_{13}H_{18}ON_2$  Cuminylyl methyl ketone semicarbazone, 763.
- $C_{13}H_{18}O_2N$  Ethyl hexahydroquinaldine-3-carboxylate, and its picronolate, 1529.
- $C_{13}H_{18}O_3N$  Ethyl 2- $\gamma$ -cyanopropylcyclohexanone-2-carboxylate, 821.
- $C_{13}H_{18}O_4N$  Ethyl cyanonorcaryophyllenate, 1341.
- $C_{13}H_{19}O_{11}N$  2:3:6-Triacetyl  $\beta$ -methylglucoside 4-nitrate, 1717.
- $C_{13}H_{19}N_2I$  Octahydrophenazine methiodide, 1704.  
Gramine ethiodide, 1929.

## 13 III

- $C_{13}H_{20}O_5N_2$  Fructosemethylphenylhydrazone, 1324.
- $C_{13}H_{20}O_{13}N_2$  6-Acetyl 4- $\alpha$ -acetoxyethyl  $\beta$ -methylglucoside, 1715.
- $C_{13}H_{21}ON_2$  1:6-Dimethyl- $\Delta^{9,10}$ -4-octalone semicarbazone, 823.
- $C_{13}H_{21}O_2N$  4:5-Dimethoxy-2-ethylbenzyl dimethylamine, and its picrate, 429, 432.  
Tigloidine, and its salts, 1820.
- $C_{13}H_{21}O_3N$  Ethyl  $\alpha$ -carbethoxy- $\gamma$ -cyano- $\beta$ -ethoxymethylbutyrate, 1062.
- $C_{13}H_{22}O_4Br_2$  *iso*Amyl dibromomalonate, 1811.
- $C_{13}H_{22}O_3N$  Dihydrotigloidine, 1822.
- $C_{13}H_{22}O_3I$  Ethyl 2-methyl-1-( $\gamma$ -iodopropyl)cyclohexane-2-carboxylate, 817.
- $C_{13}H_{23}O_3N$  Valeroidine, and its salts, 1820.
- $C_{13}H_{23}O_3N_3$   $\gamma$ -(2-Keto-4-methylcyclohexyl)valeric acid semicarbazone, 823.
- $C_{13}H_{23}O_4N$  Ethyl piperidyl-1:2-diacetate, 1520.
- $C_{13}H_{23}O_4Br$  Amyl bromomalonates, 1811.

## 13 IV

- $C_{13}H_6ONBr_3$  1:3:7-Tribromoacridone, 1958.
- $C_{13}H_7ONCl_4$  2:4:4'-Trichlorodiphenylcarbonyl chloride, 1956.
- $C_{13}H_8O_3NBr_3$  4:6:4'-Tribromodiphenylamine-2-carboxylic acid, 1958.
- $C_{13}H_8O_3N_3I_3$  2:4:6-Tri-iodo-3-methoxylbenzaldehyde *p*-nitrophenylhydrazone, 77.
- $C_{13}H_8O_3N_4I_2$  Di-iodonitro-3-hydroxybenzaldehyde *p*-nitrophenylhydrazones, 78.
- $C_{13}H_8O_3N_4I$  4-Iodo-2:6-dinitro-3-hydroxybenzaldehyde *p*-nitrophenylhydrazone, 78.
- $C_{13}H_9ONS$  Thianthrencarboxamide, 444.
- $C_{13}H_9O_2N_2Cl$  Methyl 2-chloro- $\beta$ -carboline-4-carboxylate, 472.
- $C_{13}H_9O_2N_3S$  5-Nitro-1-anilinobenzthiazole, and its picrate, 1516.
- $C_{13}H_9N_3ClS$  5-Chloro-1-anilinobenzthiazole, and its picrate, 1516.
- $C_{13}H_9N_3BrS$  5-Bromo-1-anilinobenzthiazole, and its picrate, 1515.
- $C_{13}H_{10}O_3NCl$  Chloronitromethyl diphenyl ethers, 1021.
- $C_{13}H_{10}O_3N_3S$  *N*-Methylphenazoniumsulphonic acid betaine, 1710.
- $C_{13}H_{10}O_3N_3I$  6-Iodo-3-hydroxybenzaldehyde *p*-nitrophenylhydrazone, 77.
- $C_{13}H_{10}O_4NBr$   $\alpha$ -Bromo- $\delta$ -phthalimido- $\gamma$ -valerolactone, 1168.
- $C_{13}H_{11}O_3N_3S$  *N*-Methylphenazylsulphonic acid betaine, 1710.
- $C_{13}H_{11}O_6N_3S_2$  *N*-Methylphenazyldisulphonic acid betaine, sodium hydrogen salt, 1710.
- $C_{13}H_{12}O_2NBr$  3-Bromo-2-naphthylurethane, 1529.
- $C_{13}H_{12}O_3N_3S$  *N*-Methyldihydrophenazinesulphonic acid, sodium salt, 1709.
- $C_{13}H_{13}O_2N_2Cl$  8-Chloro-5-nitro-3-methyltetrahydrocarbazole, 1129.
- $C_{13}H_{13}O_2N_2Br$  8-Bromo-5-nitro-6-methyltetrahydrocarbazole, 1128.
- $C_{13}H_{13}O_6NS$  *N*-2-Methoxynaphthalene-1-sulphonylglycine, 1696.

## 13 V

- $C_{13}H_9O_2N_2ClS$  5-Chloro-2:4-dinitro-4'-methyl diphenyl sulphide, 247.
- $C_{13}H_9O_2N_2ClS$  5-Chloro-2:4-dinitro-4'-methyl diphenylsulphone, 248.
- $C_{13}H_{10}O_3NClS$  Chloronitro-4'-methyl diphenyl sulphides, 245.
- $C_{13}H_{10}O_3NClS$  Chloronitrohydroxymethyl diphenyl sulphides, 1019.
- $C_{13}H_{10}O_4NClS$  Chloronitro-4'-methyl diphenylsulphones, 245.
- $C_{13}H_{11}O_2ClS$  2-Chloro-4'-methyl diphenylsulphone, 245.
- $C_{13}H_{11}O_2NClS$  Chloroamino-4'-methyl diphenylsulphones, 245.
- $C_{13}H_{11}ON_2ClS$  2-Methylaneurin chloride, salts of, 1507.
- $C_{13}H_{22}O_2NSP$  Triethylphosphine-*p*-toluenesulphonylimine, 535.
- $C_{13}H_{24}O_2N_4S$  *p*-Toluenesulphonyl-*NN'*-bis-( $\beta$ -aminoethyl)ethylenediamine, trihydrochloride of, 1471.

**C<sub>14</sub> Group.**

- $C_{14}H_{12}$  *as*-Diphenylethylene, polymerisation of, 1790.

## 14 II

- C<sub>14</sub>H<sub>8</sub>O<sub>6</sub>** Tetrahydroxyanthraquinones, 254.  
**C<sub>14</sub>H<sub>9</sub>N<sub>3</sub>** 2':4-Anhydro-2'-amino-3-phenylphthalaz-4-one, 96.  
**C<sub>14</sub>H<sub>10</sub>O<sub>6</sub>** Hydroxyjuglone diacetate, 1600.  
**C<sub>14</sub>H<sub>10</sub>N<sub>3</sub>** *N*-Methylphenazyl-2-nitrile, 1709.  
**C<sub>14</sub>H<sub>11</sub>N** 7-Methylphenanthridine, and its picrate, 1172.  
**C<sub>14</sub>H<sub>11</sub>N<sub>3</sub>** *N*-Methyldihydrophenazine-2-nitrile, 1709.  
**C<sub>14</sub>H<sub>12</sub>O<sub>2</sub>** *l*-Benzoin, rotation of, in various solvents, 139.  
**C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>** Xanthyletin, constitution of, 1542.  
**C<sub>14</sub>H<sub>12</sub>Cl<sub>2</sub>** 2:2'-Dichloro-4:4'-dimethyldiphenyl, 269.  
**C<sub>14</sub>H<sub>12</sub>I<sub>2</sub>** 2:2'-Di-iodo-4:4'-dimethyldiphenyl, 270.  
**C<sub>14</sub>H<sub>12</sub>F<sub>2</sub>** 2:2'-Difluoro-4:4'-dimethyldiphenyl, 268.  
**C<sub>14</sub>H<sub>12</sub>S<sub>2</sub>** Diphenylthioethylene, 769.  
**C<sub>14</sub>H<sub>13</sub>N<sub>2</sub>** *N*-Ethylphenazyl, 1710.  
**C<sub>14</sub>H<sub>13</sub>Cl** 2-Chloro-4:4'-dimethyldiphenyl, 268.  
**C<sub>14</sub>H<sub>13</sub>Br** 2-Bromo-4:4'-dimethyldiphenyl, 269.  
**C<sub>14</sub>H<sub>13</sub>F** 2-Fluoro-4:4'-dimethyldiphenyl, 268.  
**C<sub>14</sub>H<sub>13</sub>I** 2-Iodo-4:4'-dimethyldiphenyl, 270.  
**C<sub>14</sub>H<sub>14</sub>O** 2-Hydroxy-4:4'-dimethyldiphenyl, 271.  
**C<sub>14</sub>H<sub>14</sub>O<sub>2</sub>** 1-Keto-7-hydroxyhexahydrophenanthrene, 63.  
     5-Methoxy-2-allyl-1-naphthol, 939.  
     5-Methoxy-1-methyl-1:2-dihydro- $\alpha$ -naphthafuran, 939.  
     5-Methoxy-1-naphthyl allyl ether, 939.  
**C<sub>14</sub>H<sub>14</sub>O<sub>3</sub>** Dihydroxanthyletin, 1544.  
      $\gamma$ -5-Hydroxy-1-naphthylbutyric acid, 1621.  
      $\beta$ -(6-Methoxy-1-naphthyl)propionic acid, 70.  
**C<sub>14</sub>H<sub>14</sub>O<sub>4</sub>** Methyl 1:5-dimethoxy-2-naphthoate, 940.  
     Methyl 4:8-dimethoxy-1-naphthoate, 940.  
**C<sub>14</sub>H<sub>14</sub>O<sub>6</sub>** 5-Methoxy-7-ethoxy-8-methylcoumarin-3-carboxylic acid, 290.  
**C<sub>14</sub>H<sub>14</sub>N<sub>2</sub>** *N*-Ethyldihydrophenazine, 1710.  
**C<sub>14</sub>H<sub>15</sub>N** Methyltetrahydrophenanthridines, and their picrates, 1171.  
**C<sub>14</sub>H<sub>15</sub>N<sub>3</sub>** 3-Phenyl-1-*m*-tolyl-3-methyltriazene, 324.  
**C<sub>14</sub>H<sub>16</sub>O<sub>3</sub>**  $\beta$ -(6-Methoxy-3:4-dihydro-1-naphthyl) propionic acid, 70.  
     Tetrahydroxanthyletin, 1545.  
**C<sub>14</sub>H<sub>16</sub>O<sub>4</sub>** *cis-p*-Phenoxymethyl- $\alpha$ -ethylglutaric anhydride, 1060.  
**C<sub>14</sub>H<sub>16</sub>O<sub>6</sub>** Ethyl veratrolypyruvate, 1648.  
**C<sub>14</sub>H<sub>18</sub>O** Anisoxide, 513.  
**C<sub>14</sub>H<sub>18</sub>O<sub>2</sub>** 4-Phenylcyclohexylacetic acid, 1560.  
**C<sub>14</sub>H<sub>18</sub>O<sub>3</sub>**  $\gamma$ -Benzoyl- $\beta$ -methyl- $\beta$ -ethyl-*n*-butyric acid, 1015.  
     4-Hydroxy-7-*m*-methoxyphenylheptolactone, 69.  
      $\beta$ -(6-Methoxy-1:2:3:4-tetrahydro-1-naphthyl)propionic acid, 70.  
**C<sub>14</sub>H<sub>18</sub>O<sub>4</sub>** 2:6-Dimethoxy-4-ethoxy-3-methylcinnamic acid, 290.  
     5:7-Dimethoxy-6-formyl-2:2-dimethylchroman, 291.  
     5:7-Dimethoxy-8-formyl-2:2-dimethylchroman, 1548.  
     4-Keto-7-*m*-methoxyphenylheptonic acid, 69.  
**C<sub>14</sub>H<sub>18</sub>O<sub>5</sub>** 5:7-Dimethoxy-2:2-dimethylchroman-6-carboxylic acid, 292.  
      $\beta$ -Phenoxymethyl- $\alpha$ -ethylglutaric acids, 1060.  
**C<sub>14</sub>H<sub>20</sub>O** Dihydroanisoxide, 515.  
     2-Keto- $\Delta^{1:13}$ -dodecahydroanthracene, 59.  
**C<sub>14</sub>H<sub>20</sub>O<sub>2</sub>**  $\delta$ -Phenyl- $\beta$ -methyl- $\beta$ -ethyl-*n*-valeric acid, 1015.  
**C<sub>14</sub>H<sub>20</sub>O<sub>3</sub>** 8-Phenoxyoctoic acid, 725.  
**C<sub>14</sub>H<sub>20</sub>O<sub>3</sub>** Ethyl 3-methyl-2-decalone-3-carboxylates, 825.  
**C<sub>14</sub>H<sub>22</sub>O<sub>5</sub>** Ethyl 2-carbethoxycyclohexanone-2- $\beta$ -propionate, 944.  
     Ethyl 6-carbethoxycyclohexanone-2- $\beta$ -propionate, 945.  
**C<sub>14</sub>H<sub>22</sub>N** *n*-Octylaniline, 1122.  
**C<sub>14</sub>H<sub>22</sub>O<sub>5</sub>** Ethyl  $\alpha$ -acetylsuberate, 722.  
**C<sub>14</sub>H<sub>24</sub>O<sub>7</sub>** Methyl 2-methylgluconate diacetone, 796.  
**C<sub>14</sub>H<sub>26</sub>O** Perhydroanisoxide, 514.  
**C<sub>14</sub>H<sub>26</sub>O<sub>2</sub>** Ethyl  $\Delta^1$ -dihydrocitronellylideneacetate, 1590.  
**C<sub>14</sub>H<sub>26</sub>O<sub>3</sub>** 12-Acetyl-lauric acid, 1001.  
     Ethyl 2-methyl-1- $\gamma$ -methoxypropylcyclohexane-2-carboxylate, 1160.  
**C<sub>14</sub>H<sub>26</sub>O<sub>4</sub>** 4:13-Diketotetradecoic acid, 714.  
     Ethyl 2-methyl-1- $\gamma$ -methoxypropylcyclohexan-1-ol-2-carboxylate, 65.  
**C<sub>14</sub>H<sub>26</sub>O<sub>5</sub>** 5-Carbethoxyamyl 6-hydroxyhexoate, 373.  
**C<sub>14</sub>H<sub>26</sub>O<sub>3</sub>** Hydroxyisomyristic acid, 713.

## 14 III

- C<sub>14</sub>H<sub>8</sub>N<sub>3</sub>Cl** 2':4-Anhydro-4'-chloro-2'-amino-3-phenylphthalaz-4-one, 97.  
**C<sub>14</sub>H<sub>9</sub>O<sub>3</sub>N<sub>3</sub>** 3-Nitro-*N*-anilinophthalimide, 31.  
**C<sub>14</sub>H<sub>10</sub>ON<sub>2</sub>** 3-Hydroxy-2-phenylquinoxaline, 549.  
**C<sub>14</sub>H<sub>10</sub>Cl<sub>2</sub>S<sub>2</sub>** *s*-Dichlorodiphenylthioethylene, 770.  
**C<sub>14</sub>H<sub>11</sub>OBr** *p*-Bromodeoxybenzoin, 847.  
**C<sub>14</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>** 3-Amino-*N*-anilinophthalimide, 1844.  
     Dibenzfuran-3-aldehyde semicarbazone, 779.



- C<sub>14</sub>H<sub>11</sub>O<sub>2</sub>Br** 2-Bromo-*p*-tolyl benzoate, 264.  
**C<sub>14</sub>H<sub>11</sub>O<sub>3</sub>N<sub>3</sub>** Phenylglyoxal *p*-nitrophenylhydrazone, 370.  
**C<sub>14</sub>H<sub>11</sub>O<sub>4</sub>Br** Methyl 3-bromonaphthalate, 1765.  
**C<sub>14</sub>H<sub>12</sub>ON<sub>2</sub>** Keto-*N*-ethylphenazines, 1710.  
**C<sub>14</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** Methyl 1-methyl- $\beta$ -carboline-4-carboxylate, 473.  
**C<sub>14</sub>H<sub>11</sub>O<sub>3</sub>N<sub>2</sub>** Ethyl 2-keto-2:3-dihydro- $\beta$ -carboline-4-carboxylate, 470.  
 Methyl 2-keto-3-methyl-2:3-dihydro- $\beta$ -carboline-4-carboxylate, 471.  
**C<sub>14</sub>H<sub>12</sub>O<sub>5</sub>N<sub>4</sub>** Anisaldehyde 2:4-dinitrophenylhydrazone, 369.  
**C<sub>14</sub>H<sub>12</sub>O<sub>6</sub>N<sub>3</sub>** 3:3'-Dinitro-4:4'-dimethoxydiphenyl, 38.  
**C<sub>14</sub>H<sub>12</sub>O<sub>6</sub>S** 2-*O-p*-Toluenesulphonylphloroglucinaldehyde, 455.  
**C<sub>14</sub>H<sub>13</sub>O<sub>3</sub>N** 2-Nitro-4-benzyloxytoluene, 1726.  
**C<sub>14</sub>H<sub>14</sub>O<sub>5</sub>N<sub>4</sub>** 3:6-Diacetamido-*N*-acetamidophthalimide, 590.  
**C<sub>14</sub>H<sub>14</sub>O<sub>5</sub>S<sub>2</sub>** (Benzenesulphonyl) (methylsulphonyl)benzoylmethane, 1512.  
**C<sub>14</sub>H<sub>14</sub>O<sub>7</sub>N<sub>4</sub>** Ethyl 2-(2':4'-dinitrobenzeneazo)cyclopentanone-2-carboxylate, 811.  
**C<sub>14</sub>H<sub>14</sub>NF** 2-Fluoro-2'-amino-4:4'-dimethyldiphenyl, 268.  
**C<sub>14</sub>H<sub>14</sub>ON** 3-Methoxy-5:6:7:8-tetrahydrophenanthridine, and its picrate, 1172.  
**C<sub>14</sub>H<sub>15</sub>ON<sub>3</sub>** 1-Methoxyphenyl-3-phenyl-3-methyltriazens, 324.  
**C<sub>14</sub>H<sub>15</sub>O<sub>3</sub>Br**  $\beta$ -(6-Methoxy-3:4-dihydro-1-naphthyl)propionobromolactone, 70.  
**C<sub>14</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>** 3:3'-Diamino-4:4'-dimethoxydiphenyl, and its hydrochloride, 38.  
**C<sub>14</sub>H<sub>16</sub>O<sub>4</sub>N<sub>4</sub>** Ethyl hydrogen  $\alpha$ -keto adipate 2:4-dinitrophenylhydrazone, 811.  
**C<sub>14</sub>H<sub>16</sub>N<sub>2</sub>S<sub>2</sub>** 3:3'-Diamino-4:4'-dimethylthioldiphenyl, and its salts, 38.  
**C<sub>14</sub>H<sub>17</sub>O<sub>2</sub>N** Ethyl cyclopentanone-2-carboxylate anil, 810.  
**C<sub>14</sub>H<sub>17</sub>O<sub>3</sub>N**  $\beta$ -Phenoxymethyl- $\alpha$ -ethylglutarimide, 1060.  
**C<sub>14</sub>H<sub>17</sub>O<sub>4</sub>N** Methyl 1-keto-2-methyl-1:2-dihydroisoquinoline-3-orthoformate, 475.  
**C<sub>14</sub>H<sub>17</sub>O<sub>5</sub>N** 4-Carboethoxymethylamino- $\omega$ -acetoxyacetophenone, 454.  
**C<sub>14</sub>H<sub>18</sub>O<sub>6</sub>S<sub>2</sub>**  $\beta\beta$ -Bis(ethylsulphonyl)- $\alpha$ -phenylbutadiene, 318.  
**C<sub>14</sub>H<sub>19</sub>ON**  $\Delta^6$ -*n*-Heptenoic acid *p*-toluidide, 1973.  
 4-Phenylcyclohexylacetamide, 1560.  
**C<sub>14</sub>H<sub>19</sub>O<sub>2</sub>N<sub>3</sub>** 2-Hydroxymethyl-4-methylcyclohexanone *p*-nitrophenylhydrazone, 1170.  
**C<sub>14</sub>H<sub>20</sub>O<sub>4</sub>S<sub>2</sub>**  $\alpha$ -Benzylsulphonyl- $\gamma$ -ethylsulphonyldimethylpropylene, 320.  
**C<sub>14</sub>H<sub>20</sub>O<sub>7</sub>S** 3-*p*-Toluenesulphonyl-5-methyl methylxylofuranosides, 1601.  
**C<sub>14</sub>H<sub>21</sub>ON** *p*-Acetamido-*n*-hexylbenzene, 1121.  
**C<sub>14</sub>H<sub>21</sub>O<sub>8</sub>N** 9-2'-Pyrrolynonoic acid, 717.  
**C<sub>14</sub>H<sub>22</sub>O<sub>6</sub>S<sub>3</sub>**  $\alpha$ -Benzylsulphonylbis(ethylsulphonyl)propane, 312.  
**C<sub>14</sub>H<sub>23</sub>O<sub>3</sub>N<sub>3</sub>** 3-Carboethoxy-1-methyl-4-*isopropenyl*cyclohexan-2-one-1- $\beta$ -propionic acid semicarbazone, 1579.  
**C<sub>14</sub>H<sub>23</sub>O<sub>2</sub>N** Ethyl  $\alpha$ -cyano- $\gamma$ -acetyl- $\beta$ -ethoxymethyl- $\alpha$ -ethylbutyrate, 1063.  
**C<sub>14</sub>H<sub>25</sub>O<sub>2</sub>N** Carpaine, constitution of, 711.  
**C<sub>14</sub>H<sub>25</sub>O<sub>3</sub>Br** 13-Bromo-4-ketotetradecoic acid, 714.  
**C<sub>14</sub>H<sub>25</sub>O<sub>2</sub>N** Ethyl piperidyl-2-acetate-1- $\beta$ -propionate, 1521.  
**C<sub>14</sub>H<sub>27</sub>O<sub>2</sub>N** Deoxycarpamic acid, 713.

## 14 IV

- C<sub>14</sub>H<sub>8</sub>O<sub>4</sub>N<sub>3</sub>Cl** *N*-4'-Chloro-2'-nitrophenylaminophthalimide, 103.  
**C<sub>14</sub>H<sub>9</sub>O<sub>2</sub>NS** 3-Nitro-8-methylphenoxthionine-1-carboxylic acid, 445.  
**C<sub>14</sub>H<sub>10</sub>ONCl** 4-Chloro-9-acetylcarbazole, 1128.  
**C<sub>14</sub>H<sub>10</sub>ON<sub>2</sub>Cl** 4'-Chloro-2'-amino-3-phenylphthalaz-4-one, 97.  
**C<sub>14</sub>H<sub>10</sub>O<sub>2</sub>NCl** 3-Chloro-7-methoxyacidone, 1958.  
**C<sub>14</sub>H<sub>10</sub>O<sub>5</sub>N<sub>3</sub>Cl** *o*-Carboxybenzo-4'-chloro-2'-nitrophenylhydrazide, 103.  
**C<sub>14</sub>H<sub>10</sub>O<sub>6</sub>N<sub>2</sub>I<sub>2</sub>** 2:4-Di-iodo-6-nitro-3-methoxybenzaldehyde *p*-nitrophenylhydrazone, 78.  
**C<sub>14</sub>H<sub>10</sub>O<sub>6</sub>NBr**  $\alpha$ -Bromo- $\delta$ -phthalimido- $\alpha$ -carboxy- $\gamma$ -valerolactone, 1168.  
**C<sub>14</sub>H<sub>11</sub>ONS<sub>2</sub>** 2-Acetamidothianthren, 1592.  
**C<sub>14</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>S** 5-Nitro-1-phenylmethylaminobenzthiazole, and its picrate, 1516.  
**C<sub>14</sub>H<sub>11</sub>N<sub>2</sub>ClS** 5-Chloro-1-phenylimino-2-methyl-1:2-dihydrobenzthiazole, and its picrate, 1516.  
 5-Chloro-1-phenylmethylaminobenzthiazole, and its picrate, 1516.  
**C<sub>14</sub>H<sub>11</sub>N<sub>2</sub>BrS** 5-Bromo-1-phenylimino-2-methyl-1:2-dihydrobenzthiazole, and its picrate, 1515.  
 5-Bromo-1-phenylmethylaminobenzthiazole, and its picrate, 1516.  
**C<sub>14</sub>H<sub>12</sub>ONBr** Benzoyl-2-bromo-*p*-toluidine, 264.  
**C<sub>14</sub>H<sub>12</sub>O<sub>2</sub>NF** 2-Fluoro-2'-nitro-4:4'-dimethyldiphenyl, 268.  
**C<sub>14</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>Cu** Cupric salicylaldimine, 2002.  
**C<sub>14</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>Cu** Cupric salicylidenehydrazone, 2002.  
**C<sub>14</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>Ni** Nickel salicylidenehydrazone, 2003.  
**C<sub>14</sub>H<sub>12</sub>O<sub>2</sub>Cl<sub>2</sub>S** 5-Chloro-*o*-cresol 3-sulphide, 1021.  
**C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>NCl** Chloronitrodimethyldiphenyl ethers, 1020.  
**C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>Cl<sub>2</sub>S<sub>2</sub>** 2:5-Dichlorophenyl 4-methoxy-*m*-toluenethiolsulphonate, 489.  
**C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>N<sub>2</sub>S<sub>2</sub>** 3:3'-Dinitro-4:4'-dimethylthioldiphenyl, 38.  
**C<sub>14</sub>H<sub>12</sub>O<sub>5</sub>NClS** 5-Chloro-2-*o*-nitrophenoxy-3:6-dimethylbenzenesulphinic acid, 1020.  
**C<sub>14</sub>H<sub>13</sub>O<sub>2</sub>NS** 2-Nitrodi-*p*-tolyl sulphide, 246.  
**C<sub>14</sub>H<sub>13</sub>O<sub>2</sub>NS** 2'-Nitro-2-hydroxy-4:5-dimethyldiphenyl sulphide, 1019.  
**C<sub>14</sub>H<sub>13</sub>O<sub>3</sub>ClS** Chloromethoxy-4'-methyldiphenylsulphones, 245.  
**C<sub>14</sub>H<sub>13</sub>O<sub>4</sub>NS** 2-Nitrodi-*p*-tolylsulphone, 246.  
**C<sub>14</sub>H<sub>14</sub>ONCl** Chloro-9-acetyltetrahydrocarbazoles, 1127.  
**C<sub>14</sub>H<sub>15</sub>O<sub>2</sub>NS** *N*-2-Methoxynaphthalene-1-sulphonylsarcosine, 1696.  
**C<sub>14</sub>H<sub>24</sub>O<sub>2</sub>NCl** 4:5-Dimethoxy-2-ethylbenzyltrimethylammonium chloride, 429.  
**C<sub>14</sub>H<sub>24</sub>O<sub>2</sub>NI** 4:5-Dimethoxy-2-ethylbenzyltrimethylammonium iodide, 429.

## 14 V

- $C_{14}H_{15}O_3NCIS$  Chloronitrohydroxydimethyldiphenyl sulphides, 1019.  
 $C_{14}H_{14}O_3NCIS$   $\omega$ -Chloro-4-*p*-toluenesulphonamidoacetophenone, 454.

**C<sub>15</sub> Group.**

- $C_{15}H_{10}O_2$  1-Methylphenanthra-3:4-quinone, 512.  
 2-Methylphenanthrene-1:4-quinone, 262.  
 $C_{15}H_{10}O_3$   $\beta$ -Dibenzfuran-3-acrylic acid, 779.  
 $C_{15}H_{10}O_5$  1:3:4-Trihydroxy-2-methylanthraquinone, 88.  
 $C_{15}H_{10}O_7$  3:5:6:7:4'-Pentahydroxyflavone, 48.  
 $C_{15}H_{11}O_5$   $\psi$ -Baptigenin, 806.  
 $C_{15}H_{11}N_3$  2':4-Anhydro-2'-amino-3-phenyl-1-methylphthalaz-4-one, 98.  
 2:2':2''-Tripyridyl, complex salts of, 1649.  
 $C_{15}H_{12}O$  3-Hydroxy-1-methylphenanthrene, 512.  
 4-Hydroxy-1-methylphenanthrene, 266.  
 8-Hydroxy-1-methylphenanthrene, 1621.  
 $C_{15}H_{12}O_3$  Dihydroxyphenyl styryl ketones, 423, 1738.  
 7-Hydroxyflavanone, 1738.  
 $C_{15}H_{12}O_4$  2:4:4'-Trihydroxychalkone, 423.  
 $C_{15}H_{12}O_5$  Tetrahydroxychalkones, 424.  
 $C_{15}H_{12}O_6$  Droserone diacetate, 1599.  
 $C_{15}H_{13}N$  Dimethylphenanthridines, and their picrates, 1171.  
 $C_{15}H_{14}O$   $\alpha\beta$ -Diphenylpropaldehyde, 548.  
 $C_{15}H_{14}O_2$  *l*-Benzoin methyl ether, rotation of, in various solvents, 139.  
 1-Keto-8-methoxytetrahydrophenanthrene, 1621.  
 Phenylacetylphenylcarbinol, 548.  
 $C_{15}H_{14}O_4$   $\beta$ -5-Methoxy-1-naphthoylpropionic acid, 1621.  
*allo*Xanthoxyletin, structure of, 1545.  
 $C_{15}H_{14}O_5$  1:2-Diacetoxy-7-methoxynaphthalene, 1861.  
 Dihydroxanthyletin-3-carboxylic acid, 1544.  
 $\beta$ -(4-Hydroxy-8-methoxy-1-naphthoyl)propionic acid, 938.  
 $C_{15}H_{14}O_7$  Ethyl 7-hydroxy-5-methoxy-6-formylcoumarin-7-*O*-acetate, 293.  
 $C_{15}H_{16}O$  3-Keto-1-methylhexahydrophenanthrene, 1587.  
 $C_{15}H_{16}O_2$  1:5-Dimethoxy-2-allylnaphthalene, 939.  
 $C_{15}H_{16}O_4$  Dihydro*allo*xanthoxyletin, 1548.  
 7-Hydroxy-8-*isovaleryl*-4-methylcoumarin, 278.  
 $C_{15}H_{16}O_5$  Deacetyldecabousnic acid, 900.  
 3:6-Diacetoxy-2-*isopropyl*benzofuran, 1533.  
 $C_{15}H_{17}N$  Dimethyltetrahydrophenanthridines, and their picrates, 1171.  
 1:9-Trimethylene-1:2:3:4-tetrahydrocarbazole, 945.  
 $C_{15}H_{18}O_3$  Ethyl  $\gamma$ -phenylpropylideneacetoacetate, 1588.  
 $\gamma$ -6-Methoxy-3:4-dihydro-1-naphthylbutyric acid, 63.  
 1-Phenacyl*cyclopentane*-1-acetic acid, 1015.  
 $C_{15}H_{18}O_4$  Tetrahydroxanthoxyletin, 292.  
 $C_{15}H_{18}O_5$  5:7-Diacetoxy-2:2-dimethylchroman, 283.  
 $C_{15}H_{18}N$  1:9-Trimethylenehexahydrocarbazole, 945.  
 $C_{15}H_{20}O_2$  1- $\beta$ -Phenylethyl*cyclopentane*-1-acetic acid, 1015.  
 $C_{15}H_{20}O_3$  Ethyl  $\alpha\beta$ -epoxy- $\beta$ -cumyl- $\alpha$ -methylpropionate, 762.  
 $C_{15}H_{20}O_4$  Ethyl  $\gamma$ -phenoxypropylacetoacetate, 724.  
 $C_{15}H_{20}O_5$  Methyl 2:6-dimethoxy-4-ethoxy-3-methylcinnamate, 290.  
 $C_{15}H_{20}O_6$  5-Benzoyl 2:3-dimethyl  $\gamma$ -methylxyloside, 1603.  
 $C_{15}H_{22}O$  Cyperones, 1576.  
 1:10-Dimethyl-7-*isopropenyl*- $\Delta^{1(9)}$ -octal-2-one, 1578, 1580.  
 $C_{15}H_{24}O_2$  1-Methyl-1- $\gamma$ -ketopentyl-4-*isopropenylcyclohexan*-2-one, 1578.  
 $C_{15}H_{24}O_3$  Ethyl 1-methyl-4-*isopropenylcyclohexan*-2-one-1- $\beta$ -propionate, 1579.  
 $C_{15}H_{24}O_4$  *cyclo*Hexyl malonate, 1811.  
 $C_{15}H_{24}O_7$  Gluconic acid triacetone, 796.  
 $C_{15}H_{26}O$  1:10-Dimethyl-7-*isopropenyl*decal-2-ol, 1580.  
 $C_{15}H_{26}O_3$  Ethyl 2-methyl-1-( $\gamma$ -ethoxypropyl)- $\Delta^6$ -*cyclohexene*-2-carboxylate, 815.  
 $C_{15}H_{26}O_7$  Ethyl  $\alpha$ -carbethoxy- $\beta$ -ethoxymethylglutarate, 1062.  
 $C_{15}H_{28}O_3$  Ethyl 2-methyl-1-( $\gamma$ -ethoxypropyl)*cyclohexane*-2-carboxylate, 815.  
 $C_{15}H_{28}O_4$  Ethyl 1-hydroxy-2-methyl-1-( $\gamma$ -ethoxypropyl)*cyclohexane*-2-carboxylate, 815.

## 15 III

- $C_{15}H_{10}O_2N_2$  *N*-Benzylideneaminophthalimide, 21.  
 $C_{15}H_{10}O_3N_2$  3-Benzamidophthalimide, 29.  
 $C_{15}H_{10}N_3Cl$  2':4-Anhydro-4'-chloro-2'-amino-3-phenyl-1-methylphthalaz-4-one, 98.  
 $C_{15}H_{11}O_2N_3$  5-Benzamidophthalaz-1:4-dione, 30.  
 2-(2'-Nitrophenylamino)-3-methylene*isoindolinone*, 102.  
 $C_{15}H_{11}O_3N_3$  *N*-2'-Nitro-4'-methylphenylaminophthalimide, 103.  
 $C_{15}H_{12}O_2N_4$  *p*-Methoxyphenylglyoxal 2:4-dinitrophenylhydrazone, 370.  
 $C_{15}H_{13}ON$  Benzyloxyindoles, 1727.

- C<sub>15</sub>H<sub>13</sub>ON<sub>3</sub>** 2-(2'-Aminophenylamino)-3-methyleneisindolinone, 102.  
 2'-Amino-3-phenyl-1-methylphthalaz-4-one, 97.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>N<sub>4</sub>** *p*-Methoxyphenylglyoxal *p*-nitrophenylhydrazone, 370.  
**C<sub>15</sub>H<sub>13</sub>O<sub>5</sub>N<sub>3</sub>** *o*-Carboxybenzo-2'-nitro-4'-methylphenylhydrazide, 103.  
**C<sub>15</sub>H<sub>13</sub>O<sub>6</sub>N<sub>3</sub>** 2':4'-Dinitro-2-acetamido-5-methyldiphenyl ether, 40.  
**C<sub>15</sub>H<sub>14</sub>O<sub>2</sub>N<sub>4</sub>** Methyl 2-keto-1:3-dimethyl-2:3-dihydro- $\beta$ -carboline-4-carboxylate, 471.  
**C<sub>15</sub>H<sub>14</sub>O<sub>7</sub>N<sub>4</sub>** 2:4-Dihydroxy-6-ethoxybenzaldehyde 2:4-dinitrophenylhydrazone, 289.  
**C<sub>15</sub>H<sub>14</sub>N<sub>2</sub>S** 1-Phenylimino-2:5-dimethyl-1:2-dihydrobenzthiazole, and its picrate, 1514.  
 1-Phenylmethylamino-5-methylbenzthiazole, and its picrate, 1514.  
**C<sub>15</sub>H<sub>14</sub>N<sub>3</sub>I** 2-2'-Pyridylaminoquinoline methiodide, 909.  
**C<sub>15</sub>H<sub>15</sub>ON** Tetrahydrocarbazole-1- $\beta$ -propionic acid lactam, 944.  
**C<sub>15</sub>H<sub>15</sub>O<sub>2</sub>N** 2-Methoxy-*m*-toluanilide, 261.  
**C<sub>15</sub>H<sub>15</sub>O<sub>3</sub>N** 2'-Nitro-2:4:5-trimethyldiphenyl ether, 1020.  
**C<sub>15</sub>H<sub>16</sub>O<sub>3</sub>S** Phenyl-2-hydroxy-3:5-dimethylbenzylsulphone, 1351.  
**C<sub>15</sub>H<sub>16</sub>O<sub>4</sub>N<sub>3</sub>** Methyl 2-keto-2:3-dihydro- $\beta$ -carboline-4-orthoformate, 470.  
**C<sub>15</sub>H<sub>17</sub>O<sub>2</sub>N** 1:4-Dimethoxy-5:6:7:8-tetrahydrophenanthridine, and its picrate, 1172.  
 Tetrahydrocarbazolenine-11- $\beta$ -propionic acid, 944.  
**C<sub>15</sub>H<sub>17</sub>O<sub>5</sub>N**  $\alpha$ -Cyano- $\beta$ -phenoxyethyl- $\alpha$ -ethylglutaric acid, 1060.  
**C<sub>15</sub>H<sub>17</sub>O<sub>5</sub>N<sub>2</sub>** Ethyl 2-*p*-nitrobenzeneazocyclohexanone-2-carboxylate, 813.  
**C<sub>15</sub>H<sub>18</sub>O<sub>4</sub>N<sub>4</sub>** *d*-4-*iso*Propyl- $\Delta^2$ -cyclohexen-1-one 2:4-dinitrophenylhydrazone, 1449.  
**C<sub>15</sub>H<sub>18</sub>O<sub>2</sub>N**  $\alpha$ -Cyano- $\zeta$ -dimethyl- $\Delta^{\alpha\gamma\epsilon}$ -undecatetraene- $\alpha$ -carboxylic acid, 760.  
**C<sub>15</sub>H<sub>18</sub>O<sub>2</sub>N<sub>3</sub>** *d*-4-*iso*Propyl- $\Delta^2$ -cyclohexen-1-one *p*-nitrophenylhydrazone, 1449.  
**C<sub>15</sub>H<sub>18</sub>O<sub>3</sub>N** Homopipic acid *p*-toluidides, 1060.  
**C<sub>15</sub>H<sub>18</sub>O<sub>6</sub>N<sub>3</sub>** Ethyl hydrogen  $\alpha$ -ketopimelate *p*-nitrophenylhydrazone, 813.  
**C<sub>15</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl hydrogen  $\alpha$ -ketopimelate phenylhydrazone, 812.  
**C<sub>15</sub>H<sub>20</sub>O<sub>6</sub>N<sub>4</sub>** 8-Ketonoic acid 2:4-dinitrophenylhydrazone, 722.  
**C<sub>15</sub>H<sub>20</sub>O<sub>7</sub>S** 3-*p*-Toluenesulphonyl 1:2-acetone xylose, 1601.  
**C<sub>15</sub>H<sub>21</sub>ON<sub>3</sub>** 3-Methyl-7-*isopropyl*-1:2:3:4-tetra-1-one semicarbazone, 763.  
**C<sub>15</sub>H<sub>21</sub>O<sub>2</sub>N<sub>3</sub>**  $\gamma$ -Benzoyl- $\beta$ -methyl- $\beta$ -ethyl-*n*-butyric acid semicarbazone, 1015.  
**C<sub>15</sub>H<sub>21</sub>O<sub>4</sub>N<sub>3</sub>** 5:7-Dimethoxy-8-formyl-2:2-dimethylchroman semicarbazone, 291.  
 4-Keto-7-*m*-methoxyphenylheptioic acid semicarbazone, 69.  
**C<sub>15</sub>H<sub>22</sub>O<sub>7</sub>S** 3-*p*-Toluenesulphonyl 2:5-dimethyl methylxylofuranosides, 1602.  
**C<sub>15</sub>H<sub>23</sub>ON** *p*-Acetamido-*n*-heptylbenzene, 1122.  
 1:10-Dimethyl-7-*isopropenyl*- $\Delta^{1(9)}$ -octal-2-one oxime, 1578, 1580.  
**C<sub>15</sub>H<sub>23</sub>ON<sub>3</sub>**  $\alpha$ -Aldehyde- $\zeta$ -dimethyl- $\Delta^{\alpha\gamma\epsilon}$ -undecatetraene semicarbazone, 759.  
**C<sub>15</sub>H<sub>23</sub>O<sub>4</sub>Br** *cyclo*Hexyl bromomalonate, 1811.  
**C<sub>15</sub>H<sub>23</sub>O<sub>5</sub>N** Ethyl  $\alpha$ -carbethoxy- $\gamma$ -cyano- $\beta$ -ethoxymethyl- $\alpha$ -ethylbutyrate, 1062.  
 Ethyl  $\alpha$ -cyano- $\beta$ -ethoxymethyl- $\alpha$ -ethylglutarate, 1062.  
**C<sub>15</sub>H<sub>26</sub>O<sub>7</sub>S<sub>3</sub>** Camphorsulphonylbisethylsulphonylmethane, 1512.  
**C<sub>15</sub>H<sub>27</sub>O<sub>4</sub>N** Ethyl piperidyl-1- $\beta$ -propionate-2- $\alpha$ -propionates, and their picronolates, 968.  
 Ethyl 2:2:5:5-tetramethylpyrrolidine-3-carboxylate-1-acetate, 1525.  
**C<sub>15</sub>H<sub>28</sub>O<sub>2</sub>N** 13-Methylamino-4-ketotetradecic acid, hydrochloride of, 715.  
**C<sub>15</sub>H<sub>31</sub>O<sub>3</sub>N** 13-Methylamino-4-hydroxytetradecic acid, 715.

## 15 IV

- C<sub>15</sub>H<sub>6</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>4</sub>** Tetrachloro-*N*-benzylideneaminophthalimide, 33.  
**C<sub>15</sub>H<sub>8</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>2</sub>** 3:6-Dichloro-*N*-benzylideneaminophthalimide, 32.  
**C<sub>15</sub>H<sub>8</sub>O<sub>4</sub>N<sub>6</sub>S<sub>3</sub>** *NN'*-Dithiocarbamidobis-*p*-nitrophenylthiourea, 1362.  
**C<sub>15</sub>H<sub>9</sub>O<sub>2</sub>N<sub>3</sub>Cl<sub>2</sub>** 2-(2':6'-Dichloro-4'-nitrophenylamino)-3-methyleneisindolinone, 104.  
**C<sub>15</sub>H<sub>10</sub>O<sub>3</sub>N<sub>3</sub>Cl** 2-(2'-Chloro-4'-nitrophenylamino)-3-methyleneisindolinone, 103.  
 2-(4'-Chloro-2'-nitrophenylamino)-3-methyleneisindolinone, 103.  
**C<sub>15</sub>H<sub>10</sub>O<sub>3</sub>N<sub>3</sub>Br** 2-(2'-Bromo-4'-nitrophenylamino)-3-methyleneisindolinone, 104.  
**C<sub>15</sub>H<sub>12</sub>ON<sub>3</sub>Cl** 2-(4'-Chloro-2'-aminophenylamino)-3-methyleneisindolinone, 103.  
 4'-Chloro-2'-amino-3-phenyl-1-methylphthalaz-4-one, 98.  
**C<sub>15</sub>H<sub>15</sub>O<sub>3</sub>NS** *N*-Acetyl-*p*-toluenesulphonanilide, 1118.  
**C<sub>15</sub>H<sub>15</sub>O<sub>4</sub>NS** 4-*p*-Toluenesulphonamido- $\omega$ -hydroxyacetophenone, 454.  
**C<sub>15</sub>H<sub>15</sub>O<sub>5</sub>NS** 2'-Nitrophenyl-2-hydroxy-3:5-dimethylbenzylsulphone, 1351.  
**C<sub>15</sub>H<sub>16</sub>O<sub>2</sub>N<sub>6</sub>S** *s*-Diphenylthiureidothiourea, 1361.  
**C<sub>15</sub>H<sub>16</sub>O<sub>4</sub>N<sub>2</sub>S** 2-Methoxy-*m*-toluenesulphonhydrazide, 261.  
**C<sub>15</sub>H<sub>16</sub>NIS<sub>2</sub>** 2-Thianthrenyltrimethylammonium iodide, 1593.

## 15 V

- C<sub>15</sub>H<sub>14</sub>O<sub>5</sub>NCIS** 4-Chloro-2'-nitro-6-methylsulphonyl-3:5-dimethyldiphenyl ether, 1020.  
**C<sub>15</sub>H<sub>21</sub>O<sub>2</sub>N<sub>4</sub>BrS** *O*-Acetyl-2-methylaneurin bromide, hydrobromide of, 1507.

C<sub>16</sub> Group.

- C<sub>16</sub>H<sub>12</sub>** 1:2-Dihydropyrene, and its picrate, 1302.  
**C<sub>16</sub>H<sub>14</sub>** 1:2:6:7-Tetrahydropyrene, 1303.  
**C<sub>16</sub>H<sub>18</sub>**  $\alpha$ -Phenyl- $\alpha$ -tolylpropanes, 1758.  
**C<sub>16</sub>H<sub>20</sub>** Decahydropyrenes, 1304.

## 16 II

- C<sub>16</sub>H<sub>6</sub>O<sub>4</sub>** 7-Hydroxy-1'-ketoindeno(2':3':3:4)coumarin, 741.  
**C<sub>16</sub>H<sub>8</sub>O<sub>6</sub>** Anthraquinone-1:8-dicarboxylic acid, 537.

- C<sub>16</sub>H<sub>10</sub>O<sub>5</sub>** Dibenzfuryl-3-methylenemalonic acid, 780.  
 5:7-Dihydroxychromeno-(3':4':2:3)-chromone, 1542.  
**C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>** 6-Phenyl-2-methylchromone, 772.  
**C<sub>16</sub>H<sub>12</sub>O<sub>3</sub>** Methyl  $\beta$ -dibenzfuran-3-acrylate, 779.  
 Tetrahydrophenanthrenedicarboxylic anhydrides, 1318.  
**C<sub>16</sub>H<sub>12</sub>O<sub>4</sub>** 9:10-Dihydrophenanthrene-4:5-dicarboxylic acid, 1304.  
**C<sub>16</sub>H<sub>12</sub>O<sub>5</sub>** Brazilein, constitution of, 43.  
 Rubroglaucin, 86.  
**C<sub>16</sub>H<sub>12</sub>O<sub>8</sub>** Naphthapurpurin triacetate, 1600.  
**C<sub>16</sub>H<sub>13</sub>N<sub>3</sub>** 2':4-Anhydro-2'-amino-3-phenyl-1:4'-dimethylphthalaz-4-one, 98.  
**C<sub>16</sub>H<sub>14</sub>O** 1-Methoxy-2-methylphenanthrene, 262.  
 3-Methoxy-1-methylphenanthrene, 512.  
 4-Methoxy-1-methylphenanthrene, 266.  
 5-Methoxy-1-methylphenanthrene, 941.  
 8-Methoxy-1-methylphenanthrene, 1621.  
**C<sub>16</sub>H<sub>14</sub>O<sub>3</sub>** 2'-Hydroxy-4'-methoxy-3-phenylindan-1-one, 741.  
**C<sub>16</sub>H<sub>14</sub>O<sub>4</sub>** 2:4'-Dihydroxy-3'-methoxychalkone, 422.  
 1:2:3:4-Tetrahydrophenanthrene-1:2-dicarboxylic acid, 1318.  
**C<sub>16</sub>H<sub>14</sub>O<sub>5</sub>** 2:4:4'-Trihydroxy-3'-methoxychalkone, 422.  
**C<sub>16</sub>H<sub>14</sub>O<sub>6</sub>** 2:3:4:4'-Tetrahydroxy-3'-methoxychalkone, 423.  
 Triacetoxynaphthalenes, 1861.  
**C<sub>16</sub>H<sub>14</sub>O<sub>7</sub>** Phenoxyacetic acid-2-phloracetophenone, 1542.  
**C<sub>16</sub>H<sub>15</sub>S<sub>3</sub>** Di(phenylthio)divinyl sulphide, 769.  
**C<sub>16</sub>H<sub>15</sub>I** 9-Fluorenyldimethylcarbinyl iodide, 1743.  
**C<sub>16</sub>H<sub>16</sub>O** 8-Methoxy-1-methyl-3:4-dihydrophenanthrene, 1621.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>**  $\alpha$ -Diphenyl-*n*-butyric acid, 1016.  
**C<sub>16</sub>H<sub>16</sub>O<sub>3</sub>** 1-Keto-5:9-dimethoxy-1:2:3:4-tetrahydrophenanthrene, 939.  
 4-Methoxy- $\omega$ -salicylacacetophenone, 42.  
**C<sub>16</sub>H<sub>16</sub>O<sub>5</sub>**  $\beta$ -(4:8-Dimethoxy-1-naphthoyl)propionic acid, 938.  
 2-Hydroxy-4:3':4'-trimethoxybenzophenone, 741.  
**C<sub>16</sub>H<sub>16</sub>O<sub>6</sub>** Dihydroxanthoxyletin-3-carboxylic acid, 292.  
 Dihydroalloxanthoxyletin-3-carboxylic acid, 1549.  
**C<sub>16</sub>H<sub>18</sub>O<sub>2</sub>**  $\alpha$ -Ethylhydrobenzoin, 1048.  
**C<sub>16</sub>H<sub>18</sub>O<sub>3</sub>**  $\beta$ -Benzylideneacetyl- $\alpha$ -ethyl- $\gamma$ -butyrolactones, 1063.  
**C<sub>16</sub>H<sub>18</sub>O<sub>4</sub>**  $\gamma$ -(4:8-Dimethoxy-1-naphthyl)butyric acid, 939.  
**C<sub>16</sub>H<sub>20</sub>O<sub>3</sub>** Methyl  $\gamma$ -6-methoxy-3:4-dihydro-1-naphthylbutyrate, 63.  
 1-Phenacylcyclohexane-1-acetic acid, 1016.  
 1-Phenacyl-3-methylcyclopentane-1-acetic acid, 1015.  
**C<sub>16</sub>H<sub>20</sub>O<sub>4</sub>** Acid, from oxidation of sulphocamphylic acid, 459.  
**C<sub>16</sub>H<sub>20</sub>O<sub>5</sub>** *O*-Methyldihydroalloxanthoxyletinic acid, 1548.  
**C<sub>16</sub>H<sub>22</sub>O** 1- $\beta$ -*o*-Anisylethyl-2-methylcyclohexene, 1621.  
 1- $\beta$ -(4'-Methoxy-*o*-tolyl)ethyl- $\Delta^1$ -cyclohexene, 265.  
 1- $\beta$ -(5'-Methoxy-*o*-tolyl)ethyl- $\Delta^1$ -cyclohexene, 511.  
**C<sub>16</sub>H<sub>22</sub>O<sub>2</sub>** 1- $\beta$ -Phenylethylcyclohexane-1-acetic acid, 1016.  
**C<sub>16</sub>H<sub>22</sub>O<sub>5</sub>** *O*-Methyltetrahydroalloxanthoxyletinic acid, 1548.  
**C<sub>16</sub>H<sub>24</sub>O<sub>2</sub>** 1- $\beta$ -*o*-Anisylethyl-2-methylcyclohexan-1-ol, 1621.  
 Ethyl  $\beta$ -cuminybutyrate, 763.  
 1- $\beta$ -(4'-Methoxy-*o*-tolyl)ethylcyclohexan-1-ol, 265.  
**C<sub>16</sub>H<sub>24</sub>O<sub>3</sub>** Dicyclohexylsuccinic anhydrides, 1452.  
**C<sub>16</sub>H<sub>26</sub>O<sub>3</sub>** Ketohydrocarpic acid, 958.  
**C<sub>16</sub>H<sub>26</sub>O<sub>4</sub>** Dicyclohexylsuccinic acids, 1450.  
 Ethyl  $\beta$ - $\Delta^1$ -cyclohexenylethylmethylmalonate, 822.  
**C<sub>16</sub>H<sub>26</sub>O<sub>5</sub>** Methyl cyclohexanone-2:6- $\beta\beta'$ -dipropionate, 946.  
**C<sub>16</sub>H<sub>28</sub>O<sub>3</sub>** Ethyl 2-methyl-1-( $\delta$ -ethoxybutyl)- $\Delta^6$ -cyclohexene-2-carboxylate, 816.  
**C<sub>16</sub>H<sub>30</sub>O<sub>3</sub>** Ethyl 2-methyl-1-( $\delta$ -ethoxybutyl)cyclohexane-2-carboxylate, 817.  
**C<sub>16</sub>H<sub>30</sub>O<sub>4</sub>** Ethyl 1-hydroxy-2-methyl-1-( $\delta$ -ethoxybutyl)cyclohexane-2-carboxylate, 816.  
**C<sub>16</sub>H<sub>30</sub>O<sub>5</sub>** Ethyl 7-hydroxyheptate, 373.  
**C<sub>16</sub>H<sub>35</sub>N<sub>3</sub>** Triisomylguanidine, hydrochloride of, 828.

## 16 III

- C<sub>16</sub>H<sub>8</sub>O<sub>8</sub>N<sub>4</sub>** 3:3'-Dinitro-*N*-phthalimidophthalimide, 1846.  
**C<sub>16</sub>H<sub>8</sub>O<sub>6</sub>N<sub>3</sub>** *N*-Nitrophthalimidophthalimides, 22.  
**C<sub>16</sub>H<sub>8</sub>O<sub>4</sub>N<sub>2</sub>** *N*-Phthalimidophthalimide, 20.  
 2:3-Phthalophthalaz-1:4-dione, 24.  
**C<sub>16</sub>H<sub>10</sub>O<sub>3</sub>N<sub>4</sub>** 2-*p*-Nitrophenylindolo(2':3':4:5)pyridaz-3-one, 473.  
**C<sub>16</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>** *N*-Piperonylideneaminophthalimide, 21.  
**C<sub>16</sub>H<sub>10</sub>O<sub>5</sub>N<sub>2</sub>** *N*-Phthalimidophthalamic acid, and its silver salt, 23.  
**C<sub>16</sub>H<sub>10</sub>O<sub>6</sub>N<sub>4</sub>** *s*-Bis-(6-nitro-2-carboxybenzoyl)hydrazine, 31.  
**C<sub>16</sub>H<sub>11</sub>O<sub>3</sub>N** 4-Benzoylhomophthalimide, 1314.  
**C<sub>16</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>**  $\beta$ -Keto- $\alpha$ -cyano- $\gamma$ -*p*-nitrophenoxy- $\alpha$ -phenylpropane, 1648.  
**C<sub>16</sub>H<sub>12</sub>O<sub>6</sub>Br<sub>2</sub>** *o*-Hydroxyphenyl  $\alpha\beta$ -dibromo- $\beta$ -3:4-methylenedioxytyranyl ketone, 1804.  
**C<sub>16</sub>H<sub>12</sub>O<sub>6</sub>N<sub>2</sub>** *S*-Dibenzoylhydrazine-2:2'-dicarboxylic acid, and its salts, 23.

- C<sub>16</sub>H<sub>13</sub>ON** Phenyl-2-quinolylcarbinol, 1725.  
 Phenyl-1-isoquinolylcarbinol, 1725.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>N** Benzyloxyindole-2-carboxylic acids, 1727.  
**C<sub>16</sub>H<sub>13</sub>O<sub>3</sub>N<sub>3</sub>** 3-Acetamido-*N*-anilinophthalimide, 30.  
 2-(2'-Nitro-4'-methylphenylamino)-3-methyleneisoindolinone, 102.  
**C<sub>16</sub>H<sub>13</sub>O<sub>6</sub>N** 2-Nitro-4-benzyloxyphenylpyruvic acid, 1727.  
 2-Nitro-5-benzyloxyphenylpyruvic acid, 403.  
**C<sub>16</sub>H<sub>15</sub>ON<sub>3</sub>** 2'-Amino-3-phenyl-1:4'-dimethylphthalaz-4-one, 98.  
**C<sub>16</sub>H<sub>15</sub>O<sub>6</sub>N** 8-Phthalimido- $\alpha$ -carbethoxy- $\gamma$ -valerolactone, 1167.  
**C<sub>16</sub>H<sub>16</sub>O<sub>7</sub>N<sub>4</sub>** 2:6-Dihydroxy-4-ethoxy-3-methylbenzaldehyde 2:4-dinitrophenylhydrazone, 289.  
**C<sub>16</sub>H<sub>16</sub>N<sub>3</sub>I** 1:1'-Dimethyl-2-pyridyl-2'-azacyanine iodide, 909.  
 2-2'-Pyridylaminoquinoline ethiodide, 909.  
**C<sub>16</sub>H<sub>17</sub>ON<sub>3</sub>**  $\alpha\beta$ -Diphenylpropaldehyde semicarbazone, 548.  
**C<sub>16</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 1-Keto-8-methoxytetrahydrophenanthrene semicarbazone, 1621.  
 Phenylacetylphenylcarbinol semicarbazone, 548.  
**C<sub>16</sub>H<sub>18</sub>O<sub>3</sub>S** *p*-Tolyl-2-hydroxy-3:5-dimethylbenzylsulphone, 1351.  
**C<sub>16</sub>H<sub>18</sub>O<sub>4</sub>N<sub>2</sub>** Methyl 2-keto-3-methyl-2:3-dihydro- $\beta$ -carboline-4-orthoformate, 471.  
**C<sub>16</sub>H<sub>18</sub>O<sub>4</sub>N<sub>4</sub>** 5-Ketomethyl- $\Delta^{4,9}$ -tetrahydrohydrindene 2:4-dinitrophenylhydrazones, 59.  
**C<sub>16</sub>H<sub>19</sub>O<sub>2</sub>N<sub>3</sub>** 1-Keto-7-methoxyhexahydrophenanthrene, 65.  
**C<sub>16</sub>H<sub>19</sub>O<sub>5</sub>I** 6-Iodo-3:5-benzylidene acetoneglucose, 253.  
**C<sub>16</sub>H<sub>20</sub>O<sub>4</sub>N<sub>4</sub>** Phellendral 2:4-dinitrophenylhydrazone, 988.  
*d*-Phellendral 2:4-dinitrophenylhydrazone, 1449.  
**C<sub>16</sub>O<sub>2</sub>O<sub>8</sub>N<sub>4</sub>** Diethyl  $\alpha$ -ketoadipate 2:4-dinitrophenylhydrazone, 811.  
**C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>S<sub>2</sub>** Bis-(*p*-dimethylaminophenyl) disulphide, 1633.  
**C<sub>16</sub>H<sub>21</sub>O<sub>2</sub>N<sub>3</sub>**  $\alpha$ -Pinene nitrosonitrolanilide, 375.  
**C<sub>16</sub>H<sub>21</sub>O<sub>3</sub>N<sub>3</sub>** 1-Phenacylcyclopentane-1-acetic acid semicarbazone, 1015.  
**C<sub>16</sub>H<sub>21</sub>O<sub>4</sub>N<sub>3</sub>** Ethyl 1-keto-1:2-dihydroisoquinoline-3-orthoformate, 475.  
**C<sub>16</sub>H<sub>22</sub>O<sub>7</sub>S** 3-*p*-Toluenesulphonyl acetone 5-methyl xylose, 1601.  
 5-*p*-Toluenesulphonyl acetone 3-methyl xylose, 1603.  
**C<sub>16</sub>H<sub>23</sub>ON**  $\Delta^8$ -*n*-Nonenoic acid *p*-toluidide, 1974.  
**C<sub>16</sub>H<sub>23</sub>O<sub>3</sub>N<sub>3</sub>**  $\alpha$ -Terpineol nitrosonitrolanilide, 375.  
**C<sub>16</sub>H<sub>23</sub>O<sub>2</sub>N** Ethyl 7-hydroxyheptoate phenylurethane, 373.  
**C<sub>16</sub>H<sub>25</sub>ON** *p*-Acetamido-*sec*.-octylbenzene, 1123.  
**C<sub>16</sub>H<sub>25</sub>ON<sub>3</sub>** 1:10-Dimethyl-7-isopropenyl- $\Delta^{1(9)}$ -octal-2-one semicarbazone, 1578.  
**C<sub>16</sub>H<sub>25</sub>O<sub>2</sub>N**  $\epsilon$ -Phenoxy- $\beta$ -2-piperidyl-*n*-amyl alcohol, 969.  
**C<sub>16</sub>H<sub>25</sub>O<sub>3</sub>N** *N*-9-Carbethoxynonylpyrrole, 717.  
 Ethyl 9-2'-pyrrolynonoate, 717.  
**C<sub>16</sub>O<sub>4</sub>N<sub>2</sub>Cl<sub>8</sub>** Octachloro-*N*-phthalimidophthalimide, 33.

## 16 IV

- C<sub>16</sub>H<sub>4</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>4</sub>** 3:6:3':6'-Tetrachloro-*N*-phthalimidophthalimide, 32.  
**C<sub>16</sub>H<sub>6</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>4</sub>** *s*-Bis-(3:6-dichloro-2-carboxybenzoyl)hydrazine, 32.  
**C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>4</sub>** 4'-Chloro-2'-acetamido-3-phenylphthalaz-4-one, 97.  
**C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>Cl<sub>2</sub>S** Dehydro-5-chloro-*p*-2-xyleneol 3-sulphide, 1021.  
**C<sub>16</sub>H<sub>14</sub>O<sub>6</sub>NBr**  $\alpha$ -Bromo-8-phthalimido- $\alpha$ -carbethoxy- $\gamma$ -valerolactone, 1168.  
**C<sub>16</sub>H<sub>16</sub>O<sub>4</sub>N<sub>2</sub>Ni** Nickel salicylidenesemicarbazone, 2003.  
**C<sub>16</sub>H<sub>17</sub>O<sub>3</sub>NS** *N*-Acetyl-*p*-toluenesulphonatoluidides, 1118.  
**C<sub>16</sub>H<sub>17</sub>O<sub>5</sub>NS** 2-Nitro-6-methylsulphonyl-2:4:5-trimethyldiphenyl ether, 1020.  
**C<sub>16</sub>H<sub>17</sub>O<sub>2</sub>N<sub>2</sub>S** Benzylmethylethylsulphonium picrate, 871.  
**C<sub>16</sub>H<sub>18</sub>O<sub>3</sub>Cl<sub>2</sub>S<sub>2</sub>** 2:5-Dichlorophenyl camphorthiolsulphonate, 489.  
**C<sub>16</sub>H<sub>18</sub>O<sub>4</sub>N<sub>2</sub>S** Phenazine ethosulphate, 1710.  
**C<sub>16</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>S** 2:4-Dinitrophenyl-10-camphorylsulphone, 489.  
**C<sub>16</sub>H<sub>18</sub>N<sub>3</sub>IS** 3:1'-Diethylthiazolo-2'-azacyanine iodide, 910.

## 16 V

- C<sub>16</sub>H<sub>15</sub>O<sub>2</sub>NBr<sub>2</sub>S** 4:6-Dibromo-5-*p*-toluenesulphonamidohydrindene, 1107.  
**C<sub>16</sub>H<sub>15</sub>O<sub>2</sub>Cl<sub>2</sub>SNa** Sodium chloroxylenol sulphides, 1021.  
**C<sub>16</sub>H<sub>15</sub>O<sub>2</sub>NCIS** *p*-Toluenesulphonbenzyl-*p*-chloroethylamide, 1469.  
**C<sub>16</sub>H<sub>28</sub>O<sub>2</sub>NSP** Tri-*n*-propylphosphine-*p*-toluenesulphonylimine, 535.

C<sub>17</sub> Group.

- C<sub>17</sub>H<sub>10</sub>O<sub>4</sub>** 1'-Keto-7-methoxyindeno(2':3':3:4)coumarin, 741.  
**C<sub>17</sub>H<sub>12</sub>O<sub>5</sub>** 7-Hydroxy-3':4'-methylenedioxy-2-methylisoflavone, 806.  
**C<sub>17</sub>H<sub>14</sub>O<sub>3</sub>** 7-Benzyloxy-4-methylcoumarin, 1534.  
 1-Methoxy-2-methylphenanthrene-10-carboxylic acid, 262.  
 3-Methoxy-1-methylphenanthrene-10-carboxylic acid, 512.  
 4-Methoxy-1-methylphenanthrene-10-carboxylic acid, 265.  
 5-Methoxy-1-methylphenanthrene-10-carboxylic acid, 941.  
**C<sub>17</sub>H<sub>14</sub>O<sub>4</sub>** 7-Methoxy-1:2:3:11-tetrahydrophenanthrene-1:2-dicarboxylic anhydride, 1319.  
 3:4-Methylenedioxybenzoyl-*p*-toluoylmethane, 1803.

- C<sub>17</sub>H<sub>16</sub>N** Tetrahydronaphthacridine, and its picrate, 1528.  
Tetrahydro-*a*-naphthaphenanthridine, and its picrate, 1172.
- C<sub>17</sub>H<sub>16</sub>O** 2-( $\beta$ -1'-Naphthylethyl)- $\Delta^2$ -cyclopentenone, cyclisation of, 1859.
- C<sub>17</sub>H<sub>16</sub>O<sub>3</sub>** 5:9-Dimethoxy-1-methylphenanthrene, 939.  
 $\gamma\delta$ -Diphenyl- $\Delta^a$ -pentenoic acid, 548.
- C<sub>17</sub>H<sub>16</sub>O<sub>3</sub>** *O*-Acetyl- $\omega$ -salicylacetophenone, 42.  
2'-Hydroxy-4'-methoxy-3-phenylindan-1-one methyl ether, 741.
- C<sub>17</sub>H<sub>16</sub>O<sub>7</sub>** Usnic acid, 894.
- C<sub>17</sub>H<sub>16</sub>O** Phenyltolylethylacetaldehydes, 1757.  
*a-p*-Tolylbutyrophenone, 1757.  
*r*-Tolyl *a*-phenylpropyl ketones, 1759.
- C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>** 2-Acetyl-2'-*a*-hydroxyisopropylidiphenyl, 118.  
5:9-Dimethoxy-1-methyl-3:4-dihydrophenanthrene, 939.  
7-Hydroxy-3-ketotetrahydro-1:2-cyclopentanophenanthrene, 1586.
- C<sub>17</sub>H<sub>16</sub>O<sub>4</sub>** 3':4-Dimethoxy- $\omega$ -salicylacetophenone, 42.
- C<sub>17</sub>H<sub>16</sub>O<sub>5</sub>** Methyl  $\beta$ -(4:8-dimethoxy-1-naphthoyl)propionate, 938.
- C<sub>17</sub>H<sub>16</sub>O<sub>6</sub>** Decarbousnic acid, 900.
- C<sub>17</sub>H<sub>20</sub>O<sub>2</sub>** 7-Hydroxy-3-ketohexahydro-1:2-cyclopentanophenanthrene, 1587.  
*r*-2-Phenyl-1-tolyl-1-ethylethylene glycols, dehydration of, 1757.
- C<sub>17</sub>H<sub>20</sub>O<sub>4</sub>** Methyl  $\gamma$ -(4:8-dimethoxy-1-naphthyl)butyrate, 939.
- C<sub>17</sub>H<sub>26</sub>O<sub>4</sub>** Methylcyclohexyl malonates, 1811.
- C<sub>17</sub>H<sub>26</sub>O<sub>6</sub>** Ethyl bistetrahydrofurfurylmalonate, 720.
- C<sub>17</sub>H<sub>30</sub>O<sub>6</sub>** Ethyl octane- $\alpha\delta\theta$ -tricarboxylate, 821.
- C<sub>17</sub>H<sub>30</sub>O<sub>7</sub>** Ethyl *a*-carbethoxy- $\beta$ -ethoxymethyl-*a*-ethylglutarate, 1062.

## 17 III

- C<sub>17</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** *N*-Cinnamylideneaminophthalimide, 21.  
3-Phenyl-1:2-phthalopyrazoline, 22.
- C<sub>17</sub>H<sub>12</sub>O<sub>3</sub>Cl<sub>2</sub>** *p*-Tolyl  $\alpha\beta$ -dichloro-3:4-methylenedioxystryryl ketone, 1803.
- C<sub>17</sub>H<sub>12</sub>O<sub>3</sub>Br<sub>2</sub>** *p*-Tolyl  $\alpha\beta$ -dibromo-3:4-methylenedioxystryryl ketone, 1803.
- C<sub>17</sub>H<sub>11</sub>O<sub>6</sub>N<sub>2</sub>** 2-*O*-Carbomethoxybenzoylphthalaz-1:4-dione, 24.  
Methyl *N*-phthalimidophthalamate, 24.
- C<sub>17</sub>H<sub>13</sub>O<sub>2</sub>N** Anisyl 2-quinolyl ketone, 1725.
- C<sub>17</sub>H<sub>13</sub>O<sub>2</sub>N** 4-Benzoyl-2-methylhomophthalimide, 1313.  
5-(3':4'-Methylenedioxyphenyl)-3-*p*-tolylisooxazole, 1804.  
4-Phenylacetylhomophthalimide, 1314.
- C<sub>17</sub>H<sub>13</sub>O<sub>3</sub>N<sub>3</sub>** Benzylidene-3-acetamido-*N*-aminophthalimide, 1844.
- C<sub>17</sub>H<sub>13</sub>O<sub>3</sub>Cl** *p*-Tolyl *a*-chloro-3:4-methylenedioxystryryl ketone, 1803.  
*p*-Tolyl 6-chloro-3:4-methylenedioxystryryl ketone, 1801.
- C<sub>17</sub>H<sub>13</sub>O<sub>3</sub>Cl<sub>3</sub>** *p*-Tolyl  $\alpha\beta$ -dichloro- $\beta$ -6-chloro-3:4-methylenedioxyphenylethyl ketone, 1801.
- C<sub>17</sub>H<sub>13</sub>O<sub>3</sub>Br** *p*-Tolyl *a*-bromo-3:4-methylenedioxystryryl ketone, 1803.  
*p*-Tolyl 6-bromo-3:4-methylenedioxystryryl ketone, 1801.
- C<sub>17</sub>H<sub>13</sub>O<sub>3</sub>Br<sub>3</sub>** *p*-Tolyl  $\alpha\beta$ -dibromo- $\beta$ -6-bromo-3:4-methylenedioxyphenylethyl ketone, 1801.
- C<sub>17</sub>H<sub>15</sub>O<sub>3</sub>Br** 6-Bromo-3:4-methylenedioxybenzoyl-*p*-toluoylmethane, 1804.
- C<sub>17</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** 2-Carbomethoxyindole-3-aldehyde anil, 469.
- C<sub>17</sub>H<sub>14</sub>O<sub>2</sub>Cl<sub>2</sub>** *p*-Tolyl  $\alpha\beta$ -dichloro-4-methoxystyryl ketone, 1802.
- C<sub>17</sub>H<sub>14</sub>O<sub>2</sub>Br<sub>2</sub>** *p*-Tolyl  $\alpha\beta$ -dibromo-4-methoxystyryl ketone, 1803.
- C<sub>17</sub>H<sub>14</sub>O<sub>3</sub>Cl<sub>2</sub>** *p*-Tolyl  $\alpha\beta$ -dichloro- $\beta$ -3:4-methylenedioxyphenylethyl ketone, 1801.
- C<sub>17</sub>H<sub>14</sub>O<sub>3</sub>Br<sub>2</sub>** *p*-Tolyl  $\alpha\beta$ -dibromo- $\beta$ -3:4-methylenedioxyphenylethyl ketone, 1801.
- C<sub>17</sub>H<sub>14</sub>O<sub>4</sub>N<sub>2</sub>** 2-Carbomethoxyindole-3-aldehyde *p*-nitrophenylhydrazone, 473.
- C<sub>17</sub>H<sub>15</sub>ON** Phenyl-2-quinolylmethylcarbinol, 1725.
- C<sub>17</sub>H<sub>15</sub>O<sub>2</sub>N** 5-Benzoyloxy-1-acetylindole, 1727.  
 $\beta$ -Keto-*a*-cyano- $\gamma$ -benzyloxy-*a*-phenylpropane, 1649.
- C<sub>17</sub>H<sub>15</sub>O<sub>2</sub>Cl** *p*-Tolyl *a*-chloro-4-methoxystyryl ketone, 1803.  
*p*-Tolyl 3-chloro-4-methoxystyryl ketone, 1801.
- C<sub>17</sub>H<sub>15</sub>O<sub>2</sub>Cl<sub>3</sub>** *p*-Tolyl  $\alpha\beta$ -dichloro- $\beta$ -3-chloro-*p*-anisylethyl ketone, 1801.
- C<sub>17</sub>H<sub>15</sub>O<sub>2</sub>Br** *p*-Tolyl *a*-bromo-4-methoxystyryl ketone, 1803.  
*p*-Tolyl 3-bromo-4-methoxystyryl ketone, 1801.
- C<sub>17</sub>H<sub>15</sub>O<sub>2</sub>Br<sub>3</sub>** *p*-Tolyl  $\alpha\beta$ -dibromo- $\beta$ -3-bromo-*p*-anisylethyl ketone, 1801.
- C<sub>17</sub>H<sub>15</sub>O<sub>3</sub>Cl** 3-Chloro-*p*-anisoyl-*p*-toluoylmethane, 1803.
- C<sub>17</sub>H<sub>15</sub>O<sub>3</sub>Br** 3-Bromo-*p*-anisoyl-*p*-toluoylmethane, 1803.
- C<sub>17</sub>H<sub>15</sub>O<sub>4</sub>N** *a*-Phenyl- $\gamma$ -methylallyl *p*-nitrobenzoates, 215.
- C<sub>17</sub>H<sub>15</sub>O<sub>5</sub>N** 2-Nitro-3-methoxy-*a*-*o*-tolylcinnamic acid, 941.  
2-Nitro-*a*-(2'-methoxy-*m*-tolyl)cinnamic acid, 262.  
2-Nitro-*a*-(4'-methoxy-*o*-tolyl)cinnamic acid, 265.  
2-Nitro-*a*-(5'-methoxy-*o*-tolyl)cinnamic acid, 512.
- C<sub>17</sub>H<sub>16</sub>ON<sub>2</sub>**  $\omega$ -Methyleyoamido- $\omega$ -benzylacetophenone, 857.
- C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>Cl<sub>2</sub>** *p*-Tolyl  $\alpha\beta$ -dichloro- $\beta$ -*p*-anisylethyl ketone, 1801.
- C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>Br<sub>2</sub>** *p*-Tolyl  $\alpha\beta$ -dibromo- $\beta$ -*p*-anisylethyl ketone, 1801.
- C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>N<sub>4</sub>** 5:7-Dihydroxy-2:2-dimethylchromanone 2:4-dinitrophenylhydrazone, 284.
- C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>N<sub>8</sub>** Glutardialdehyde bis-2:4-dinitrophenylhydrazone, 302.
- C<sub>17</sub>H<sub>16</sub>NC<sub>12</sub>** 12-Chloro-3-cyclopentylidene-2:3-dihydro- $\beta$ -quinindene, 377.
- C<sub>17</sub>H<sub>17</sub>ON**  $\omega$ -Dimethylamino- $\omega$ -benzylideneacetophenone, 857.  
12-Keto-3-cyclopentylidene-2:3:5:12-tetrahydro- $\beta$ -quinindene, 377.

- C<sub>17</sub>H<sub>17</sub>O<sub>3</sub>N** 2-Amino-3-methoxy-*a-o*-tolyleinnamic acid, 941.  
 2-Amino-*a*-(2'-methoxy-*m*-tolyl)cinnamic acid, 262.  
 2-Amino-*a*-(4'-methoxy-*o*-tolyl)cinnamic acid, 265.  
 2-Amino-*a*-(5'-methoxy-*o*-tolyl)cinnamic acid, 512.  
**C<sub>17</sub>H<sub>15</sub>O<sub>3</sub>N<sub>3</sub>** 2'-Hydroxy-4'-methoxy-3-phenylindan-1-one semicarbazone, 741.  
**C<sub>17</sub>H<sub>15</sub>N<sub>3</sub>I** 1-Methyl-1'-ethyl-2-pyrido-2'-azacyanine iodide, 909.  
**C<sub>17</sub>H<sub>15</sub>O<sub>2</sub>N** 5-Phenoxyvaleraniide, 725.  
**C<sub>17</sub>H<sub>20</sub>OS<sub>2</sub>**  $\beta$ -Hydroxy- $\alpha\gamma$ -bis(benzylthio)propane, 314.  
**C<sub>17</sub>H<sub>20</sub>O<sub>4</sub>N<sub>4</sub>** 2-Ketomethyl- $\Delta^{1:8}$ -octalin 2:4-dinitrophenylhydrazones, 58.  
 9-Methyl-1-octalone 2:4-dinitrophenylhydrazones, 822.  
**C<sub>17</sub>H<sub>20</sub>O<sub>5</sub>S<sub>2</sub>**  $\beta$ -Hydroxy- $\alpha\gamma$ -bis(benzylsulphonyl)propane, 314.  
**C<sub>17</sub>H<sub>20</sub>O<sub>6</sub>N<sub>2</sub>** Carvotanacetyl 3:5-dinitrobenzoate, 241.  
*dl*- $\Delta^6$ -*neo*Menthen-3-yl 3:5-dinitrobenzoate, 238.  
**C<sub>17</sub>H<sub>21</sub>O<sub>3</sub>N** *N*-Acetylhexahydrocarbazole-11- $\beta$ -propionic acid, 945.  
**C<sub>17</sub>H<sub>21</sub>O<sub>3</sub>N<sub>3</sub>**  $\beta$ -Benzylideneacetonyl- $\beta$ -ethyl- $\gamma$ -butyrolactone semicarbazones, 1063.  
**C<sub>17</sub>H<sub>21</sub>O<sub>4</sub>N** Carvotanacetyl *p*-nitrobenzoates, 240.  
**C<sub>17</sub>H<sub>21</sub>O<sub>5</sub>N** Ethyl  $\alpha$ -carbethoxy- $\gamma$ -cyano- $\beta$ -phenoxymethylbutyrate, 1061.  
*dl*-1-Hydroxymenthone *p*-nitrobenzoate, 237.  
**C<sub>17</sub>H<sub>20</sub>O<sub>4</sub>N<sub>4</sub>** 2-Keto-10-methyldecalin 2:4-dinitrophenylhydrazone, 59.  
 Methyl-1-decalone 2:4-dinitrophenylhydrazones, 822.  
**C<sub>17</sub>H<sub>23</sub>ON** Benzoylcarvotanacetylaminines, 241.  
*cis*- $\beta$ -Ethoxymethyl- $\alpha$ -ethylglutaric-*p*-tolylimide, 1062.  
**C<sub>17</sub>H<sub>23</sub>O<sub>3</sub>N<sub>3</sub>** 1-Phenacylcyclohexane-1-acetic acid semicarbazone, 1016.  
 1-Phenacyl-3-methylcyclopentane-1-acetic acid semicarbazone, 1015.  
**C<sub>17</sub>H<sub>23</sub>O<sub>5</sub>N<sub>5</sub>** 2-Methylcyclopentanone-3-carboxydiethylamide dinitrophenylhydrazone, 1589.  
**C<sub>17</sub>H<sub>23</sub>O<sub>3</sub>N<sub>3</sub>** Keto-hydrocarpic acid semicarbazone, 958.

## 17 IV

- C<sub>17</sub>H<sub>12</sub>O<sub>3</sub>NBr** 5-(6'-Bromo-3':4'-methylenedioxyphenyl)-3-*p*-tolylisooxazole, 1804.  
**C<sub>17</sub>H<sub>12</sub>O<sub>3</sub>ClBr** *p*-Tolyl chlorobromo-3:4-methylenedioxystryryl ketones, 1803.  
**C<sub>17</sub>H<sub>12</sub>O<sub>3</sub>ClBr<sub>2</sub>** *p*-Tolyl  $\alpha\beta$ -dibromo- $\beta$ -6-chloro-3:4-methylenedioxyphenylethyl ketone, 1801.  
**C<sub>17</sub>H<sub>13</sub>O<sub>3</sub>Cl<sub>2</sub>Br** *p*-Tolyl  $\alpha$ -chloro- $\beta$ -bromo- $\beta$ -6-chloro-3:4-methylenedioxyphenylethyl ketone, 1802.  
*p*-Tolyl  $\alpha\beta$ -dichloro- $\beta$ -6-bromo-3:4-methylenedioxyphenylethyl ketone, 1801.  
**C<sub>17</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>Cl** 4'-Chloro-2'-acetamido-3-phenyl-1-methylphthalaz-4-one, 98.  
**C<sub>17</sub>H<sub>11</sub>O<sub>2</sub>ClBr** *p*-Tolyl chlorobromo-4-methoxystyryl ketones, 1803.  
**C<sub>17</sub>H<sub>14</sub>O<sub>3</sub>NBr** *p*-Tolyl  $\alpha$ -bromo-3:4-methylenedioxystryryl ketoxime, 1804.  
**C<sub>17</sub>H<sub>14</sub>O<sub>3</sub>ClBr** *p*-Tolyl  $\alpha$ -chloro- $\beta$ -bromo- $\beta$ -3:4-methylenedioxyphenylethyl ketone, 1802.  
**C<sub>17</sub>H<sub>11</sub>O<sub>2</sub>ClBr<sub>2</sub>** *p*-Tolyl  $\alpha$ -chloro- $\beta$ -bromo- $\beta$ -3-bromo-*p*-anisylethyl ketone, 1802.  
**C<sub>17</sub>H<sub>11</sub>O<sub>2</sub>Cl<sub>2</sub>Br** *p*-Tolyl  $\alpha$ -chloro- $\beta$ -bromo- $\beta$ -3-chloro-*p*-anisylethyl ketone, 1802.  
*p*-Tolyl  $\alpha\beta$ -dichloro- $\beta$ -3-bromo-*p*-anisylethyl ketone, 1801.  
**C<sub>17</sub>H<sub>11</sub>O<sub>2</sub>ClBr** *p*-Tolyl  $\alpha$ -chloro- $\beta$ -bromo- $\beta$ -*p*-anisylethyl ketone, 1802.  
**C<sub>17</sub>H<sub>17</sub>O<sub>2</sub>NI** 4-Phenoxy-2-ethoxy-2-methylquinoline methionide, 426.  
**C<sub>17</sub>H<sub>17</sub>O<sub>5</sub>NS** 4-*p*-Toluenesulphonamido- $\omega$ -acetoxyacetophenone, 454.  
**C<sub>17</sub>H<sub>16</sub>O<sub>4</sub>N<sub>2</sub>S** Benzylmethyl-*n*-propylsulphonium picrate, 872.  
**C<sub>17</sub>H<sub>23</sub>O<sub>7</sub>ClS** Chloro-*p*-toluenesulphonyl 3-methyl acetone glucose, 253.

## 17 V

- C<sub>17</sub>H<sub>17</sub>O<sub>4</sub>N<sub>2</sub>ClS** 4'-Chloro-3-nitro-4-piperidinodiphenylsulphone, 244.  
**C<sub>17</sub>H<sub>22</sub>O<sub>2</sub>NSP** Phenyl-diethylphosphine-*p*-toluenesulphonylimine, 534.

C<sub>18</sub> Group.

- C<sub>18</sub>H<sub>18</sub>** 2:2'-Di- $\alpha$ -methylenehydiphenyl, 118.  
**C<sub>18</sub>H<sub>20</sub>** Octahydro-1:2-benzanthracene, 826.  
**C<sub>18</sub>H<sub>24</sub>** 2- $\beta$ -Phenylethyl-*cis*- $\Delta^{3:8}$ -octalin, 825.

## 18 II

- C<sub>18</sub>H<sub>8</sub>N<sub>4</sub>** 2:3-Dicyanophenanthrapyrazine, 921.  
**C<sub>18</sub>H<sub>10</sub>N<sub>4</sub>** 2:3-Dicyano-5:6-diphenylpyrazine, 921, 1436.  
**C<sub>18</sub>H<sub>14</sub>O<sub>3</sub>** 3-Acetyl-6-phenyl-2-methylchromone, 772.  
 2-Methoxy-1-naphthyl benzoate, 1861.  
**C<sub>18</sub>H<sub>14</sub>N** 2-Amino-1:4-diphenylbenzene, 1441.  
**C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>**  $\delta\epsilon$ -Diketo- $\gamma\epsilon$ -diphenyl- $\beta$ -methyl- $\Delta^{\beta}$ -pentene, 548.  
 Substance, from  $\beta$ -dimethylaminopropiophenone, methyl iodide, and potassium hydroxide, 1930.  
**C<sub>18</sub>H<sub>16</sub>O<sub>4</sub>**  $\alpha$ -Phenyl- $\gamma$ -methylallyl hydrogen phthalates, 215.  
**C<sub>18</sub>H<sub>16</sub>O<sub>5</sub>**  $\beta$ -*p*-Toluoyl- $\alpha$ -3:4-methylenedioxyphenylpropionic acid, 1803.  
 Veratrylideneacetopiperone, 839.  
**C<sub>18</sub>H<sub>18</sub>O<sub>2</sub>**  $\alpha$ -2:3:5:5'-Tetramethylcoumarano-3':2':2:3-coumaran, 561.  
**C<sub>18</sub>H<sub>18</sub>O<sub>3</sub>** 7-Benzoyloxy-2:2-dimethylchromanone, 1534.  
**C<sub>18</sub>H<sub>18</sub>O<sub>4</sub>** *O*-Acetyl-4-methoxy- $\omega$ -salicylacetophenone, 42.  
 5-Hydroxy-7-benzoyloxy-2:2-dimethylchromanone, 1539.  
 Methyl 1:2:3:4-tetrahydrophenanthrene-1:2-dicarboxylate, 1318.  
**C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>** 7-Methoxy-4-veratryldihydrocoumarin, 742.  
**C<sub>18</sub>H<sub>18</sub>O<sub>6</sub>** Veratroylpænaols, 743.

- C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>** 7-Benzoyloxy-2:2-dimethylchroman, 1533.  
 3-Keto-7-methoxytetrahydro-1:2-*cyclopentanophenanthrenes*, 1584.  
**C<sub>18</sub>H<sub>21</sub>N** Amino-4-*cyclohexyldiphenyls*, 1441.  
**C<sub>18</sub>H<sub>22</sub>O** 2-Ketododecahydrochrysenes, 1583.  
**C<sub>18</sub>H<sub>22</sub>O<sub>2</sub>** 2:2'-Di-*α*-hydroxyisopropylidiphenyl, 118.  
 3-Keto-7-methoxyhexahydro-1:2-*cyclopentanophenanthrenes*, 1585.  
**C<sub>18</sub>H<sub>22</sub>O<sub>4</sub>** 4-Hydroxy-*m*-tolylmethylpinacols, 561.  
**C<sub>18</sub>H<sub>24</sub>O** Hydroxydodecahydrochrysenes, 1583.  
 Methyl  $\gamma$ -[5-methoxy-2-( $\gamma$ -carbomethoxybutyryl)phenyl]butyrate, 67.  
**C<sub>18</sub>H<sub>26</sub>O** 3-Keto-*Δ*<sup>4</sup>-hexadecahydro-1:2-benzanthracenes, 826.  
 2- $\beta$ -Phenylethyl-*cis*-2-decalol, 825.  
**C<sub>18</sub>H<sub>26</sub>O<sub>5</sub>** Ethyl 3-carbethoxy-1-methyl-4-isopropenylcyclohexan-2-one-1- $\beta$ -propionate, 1579.  
**C<sub>18</sub>H<sub>28</sub>O<sub>6</sub>** Ethyl heptane-1:3:7-tricarboxylate, 946.  
**C<sub>18</sub>H<sub>31</sub>N** *p*-Aminododecylbenzene, 1123.  
 Dodecylaniline, and its hydrochloride, 1123.  
*p-n*-Hexylamino-*n*-hexylbenzene, and its hydrochloride, 1121.  
**C<sub>18</sub>H<sub>32</sub>O<sub>10</sub>** Hexamethyl difructosan, 784.

## 18 III

- C<sub>18</sub>H<sub>7</sub>O<sub>2</sub>Br** Bromo-3':8-ketomesobenzanthrones, 1101.  
**C<sub>18</sub>H<sub>7</sub>O<sub>3</sub>Br** 1'-Bromo-3'-hydroxymesobenzanthrone-8-carboxylic lactone, 1101.  
**C<sub>18</sub>H<sub>7</sub>O<sub>2</sub>N** Nitro-3':8-ketomesobenzanthrones, 1102.  
**C<sub>18</sub>H<sub>8</sub>N<sub>2</sub>Br<sub>3</sub>** Tribromoacenaphthenequinonephenazine, 1762.  
**C<sub>18</sub>H<sub>8</sub>O<sub>2</sub>Br<sub>2</sub>** 1':6-Dibromo-3':8-ketomesobenzanthrone, 1102.  
**C<sub>18</sub>H<sub>8</sub>O<sub>3</sub>Br<sub>2</sub>** 1':6-Dibromomesobenzanthrone-8-carboxylic acid, 1102.  
**C<sub>18</sub>H<sub>9</sub>O<sub>2</sub>N<sub>4</sub>** Dinitro-1':8'-naphthoylene-1:2-benzimidazoles, 1766.  
**C<sub>18</sub>H<sub>9</sub>O<sub>3</sub>N** Nitromesobenzanthrones, 1102.  
**C<sub>18</sub>H<sub>9</sub>O<sub>3</sub>Br** Bromomesobenzanthrone-8-carboxylic acids, 1102.  
**C<sub>18</sub>H<sub>9</sub>O<sub>2</sub>N** Nitromesobenzanthrone-8-carboxylic acids, 1102.  
**C<sub>18</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>** 6-Nitropiperonylidene- $\alpha$ -naphthylamine, 836.  
**C<sub>18</sub>H<sub>12</sub>Cl<sub>3</sub>P** Trichlorophenylphosphines, 533.  
**C<sub>18</sub>H<sub>13</sub>O<sub>2</sub>N** Nitro-1:4-diphenylbenzenes, 1441.  
**C<sub>18</sub>H<sub>13</sub>O<sub>5</sub>N**  $\beta$ -Keto- $\alpha$ -cyano- $\alpha\gamma$ -dipiperonylpropane, 839.  
**C<sub>18</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** 6-Aminopiperonylidene- $\alpha$ -naphthylamine, 836.  
**C<sub>18</sub>H<sub>14</sub>O<sub>4</sub>N<sub>2</sub>**  $\beta$ -Imino- $\alpha$ -cyano- $\alpha\gamma$ -dipiperonylpropane, 839.  
**C<sub>18</sub>H<sub>15</sub>O<sub>3</sub>N** 4-Phenylacetyl-2-methylhomophthalimide, 1313.  
 2-Phenyl-4-(2'-methoxy-*m*-tolylidene)oxazolone, 261.  
 *$\beta$ -p*-Toluoyl- $\alpha$ -3:4-methylenedioxyphenylpropionitrile, 1803.  
**C<sub>18</sub>H<sub>15</sub>O<sub>2</sub>N**  $\beta$ -Keto- $\alpha$ -cyano- $\gamma$ -benzyloxy- $\alpha$ -piperonylpropane, 1649.  
**C<sub>18</sub>H<sub>15</sub>O<sub>4</sub>Br** *p*-Tolyl 6-bromo- $\beta$ -methoxy-3:4-methylenedioxystryryl ketone, 1804.  
**C<sub>18</sub>H<sub>15</sub>O<sub>5</sub>Br**  $\beta$ -*p*-Toluoyl- $\alpha$ -6-bromo-3:4-methylenedioxyphenylpropionic acid, 1803.  
**C<sub>18</sub>H<sub>15</sub>O<sub>6</sub>N** 7-Nitrobenzoyloxy-2:2-dimethylchromanone, 1532.  
**C<sub>18</sub>H<sub>16</sub>O<sub>4</sub>N<sub>4</sub>** 2-Carbethoxyindole-3-aldehyde *p*-nitrophenylhydrazone, 473.  
 2-Nitrobenzeneazocyclopentanone-2-carboxyanilides, 812.  
**C<sub>18</sub>H<sub>16</sub>O<sub>4</sub>Cl<sub>2</sub>** *p*-Tolyl  $\alpha$ -chloro- $\beta$ -methoxy- $\beta$ -6-chloro-3:4-methylenedioxyphenylethyl ketone, 1802.  
**C<sub>18</sub>H<sub>16</sub>O<sub>4</sub>Br<sub>2</sub>** *p*-Tolyl  $\alpha$ -bromo- $\beta$ -methoxy- $\beta$ -6-bromo-3:4-methylenedioxyphenylethyl ketone, 1802.  
**C<sub>18</sub>H<sub>16</sub>O<sub>6</sub>N<sub>2</sub>** Methyl *s*-dibenzoylhydrazine-2:2'-dicarboxylate, 22.  
**C<sub>18</sub>H<sub>17</sub>O<sub>2</sub>N** 4-Phenoxy-2-ethoxy-2-methylquinoline, 426.  
 *$\beta$ -p*-Toluoyl- $\alpha$ -*p*-anisylpropionitrile, 1802.  
**C<sub>18</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 2'-Acetamido-3-phenyl-1:4'-dimethylphthalaz-4-one, 98.  
**C<sub>18</sub>H<sub>17</sub>O<sub>4</sub>Cl** *p*-Tolyl  $\alpha$ -chloro- $\beta$ -methoxy- $\beta$ -3:4-methylenedioxyphenylethyl ketone, 1802.  
**C<sub>18</sub>H<sub>17</sub>O<sub>5</sub>Br** *p*-Tolyl  $\alpha$ -bromo- $\beta$ -methoxy- $\beta$ -3:4-methylenedioxyphenylethyl ketone, 1802.  
**C<sub>18</sub>H<sub>17</sub>O<sub>5</sub>Br** *o*-Hydroxyphenyl  $\alpha$ -bromo- $\beta$ -ethoxy- $\beta$ -3:4-methylenedioxystryryl ketone, 1804.  
**C<sub>18</sub>H<sub>17</sub>O<sub>6</sub>N<sub>3</sub>** Trinitro-4-*cyclohexyldiphenyl*, 1442.  
**C<sub>18</sub>H<sub>18</sub>ON<sub>2</sub>** *cyclo*Pentanone-2-carboxyanilide anil, 810.  
**C<sub>18</sub>H<sub>18</sub>O<sub>3</sub>Cl<sub>2</sub>** *p*-Tolyl  $\alpha$ -chloro- $\beta$ -methoxy- $\beta$ -3-chloro-*p*-anisylethyl ketone, 1802.  
**C<sub>18</sub>H<sub>18</sub>O<sub>3</sub>Br<sub>2</sub>** *p*-Tolyl  $\alpha$ -bromo- $\beta$ -methoxy- $\beta$ -3-bromo-*p*-anisylethyl ketone, 1802.  
**C<sub>18</sub>H<sub>18</sub>O<sub>6</sub>N<sub>4</sub>** 7-Hydroxy-6-formyl-2:2-dimethylchroman 2:4-dinitrophenylhydrazone, 1544.  
**C<sub>18</sub>H<sub>18</sub>O<sub>7</sub>N<sub>4</sub>** 5-Hydroxy-7-methoxy-2:2-dimethylchromanone 2:4-dinitrophenylhydrazone, 1539.  
**C<sub>18</sub>H<sub>18</sub>O<sub>8</sub>N<sub>8</sub>**  $\delta$ -Acetobutaldehyde bis-2:4-dinitrophenylhydrazone, 302.  
**C<sub>18</sub>H<sub>18</sub>ON** 2-Benzamido-1:4-diphenylbenzene, 1441.  
**C<sub>18</sub>H<sub>18</sub>O<sub>2</sub>N** Nitro-4-*cyclohexyldiphenyls*, 1441.  
 4-*p*-Tolyloxy-6-ethoxy-2-methylquinoline, 426.  
**C<sub>18</sub>H<sub>19</sub>O<sub>2</sub>N<sub>5</sub>** *cyclo*Hexane-1:2-phenylhydrazone *p*-nitrophenylhydrazone, 813.  
**C<sub>18</sub>H<sub>19</sub>O<sub>3</sub>Cl** *p*-Tolyl  $\alpha$ -chloro- $\beta$ -methoxy- $\beta$ -*p*-anisylethyl ketone, 1802.  
**C<sub>18</sub>H<sub>19</sub>O<sub>3</sub>Br** *p*-Tolyl  $\alpha$ -bromo- $\beta$ -methoxy- $\beta$ -*p*-anisylethyl ketone, 1802.  
**C<sub>18</sub>H<sub>19</sub>N<sub>2</sub>Br<sub>3</sub>** 4-*cyclo*Hexyldiphenyl-4'-diazonium perbromide, 1442.  
**C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>S** Dehydro- $\psi$ -cumenol sulphide, 1021.  
**C<sub>18</sub>H<sub>20</sub>O<sub>4</sub>N<sub>2</sub>** 3:3-Diacetamido-4:4'-dimethoxydiphenyl, 38.  
**C<sub>18</sub>H<sub>20</sub>O<sub>4</sub>N<sub>4</sub>** Cuminylyl methyl ketone 2:4-dinitrophenylhydrazone, 763.  
**C<sub>18</sub>H<sub>20</sub>O<sub>5</sub>N<sub>4</sub>** Methyl  $\delta$ -phenoxybutyl ketone 2:4-dinitrophenylhydrazone, 724.  
**C<sub>18</sub>H<sub>20</sub>N<sub>2</sub>I** 1:1'-Diethyl-2-pyrido-2'-azacyanine iodide, 909.  
 1:2'-Diethyl-2-pyrido-1'-azacyanine iodide, 910.



- C<sub>18</sub>H<sub>21</sub>ON<sub>3</sub>** Phenyl-*p*-tolylethylacetaldehyde semicarbazone, 1757.  
(Phenyltolyl)methyl ethyl ketone semicarbazones, 1757.  
*α*-Tolylbutyrophenone semicarbazones, 1757.
- C<sub>18</sub>H<sub>21</sub>O<sub>3</sub>N**  $\gamma$ -Carbethoxyvalero- $\beta$ -naphthylamide, 72.  
Ethyl  $\delta$ -phenoxy- $\alpha$ -2-pyridyl-*n*-valerate, 969.  
Hexahydrocarbazole-1:11- $\beta\beta'$ -dipropionic acid, lactam, 946.
- C<sub>18</sub>H<sub>22</sub>O<sub>4</sub>N<sub>2</sub>** Ethyl 2-keto-2:3-dihydro- $\beta$ -carboline-4-orthoformate, 472.
- C<sub>18</sub>H<sub>22</sub>O<sub>4</sub>N<sub>4</sub>** 1:6-Dimethyl- $\Delta^{9,10}$ -4-octalone 2:4-dinitrophenylhydrazone, 823.
- C<sub>18</sub>H<sub>23</sub>ON** Dodecahydrochrysene oxime, 1583.
- C<sub>18</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>** 1:8-Di-2'-pyrroloctane, 717.
- C<sub>18</sub>H<sub>25</sub>O<sub>5</sub>N** Jacodine, 586.
- C<sub>18</sub>H<sub>25</sub>O<sub>6</sub>N** Jacobine, and its nitrate, 585.
- C<sub>18</sub>H<sub>25</sub>O<sub>8</sub>N** Jaconine, 586.
- C<sub>18</sub>H<sub>27</sub>O<sub>3</sub>N** Ethyl  $\delta$ -phenoxy- $\alpha$ -2-piperidyl-*n*-valerate, 969.

## 18 IV

- C<sub>18</sub>H<sub>12</sub>OCl<sub>3</sub>P** Trichlorophenylphosphine oxides, 533.
- C<sub>18</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>S<sub>2</sub>** 2:4-Dinitro-1:5-diphenylthiobenzene, 248.
- C<sub>18</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>S<sub>2</sub>** 2:4-Dinitro-1:5-diphenylsulphonylbenzene, 248.
- C<sub>18</sub>H<sub>14</sub>O<sub>3</sub>NBr**  $\beta$ -*p*-Toluoyl- $\alpha$ -6-bromo-3:4-methylenedioxyphenylpropionitrile, 1803.
- C<sub>18</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>S** Dibenzoyl-2-amino-5-methyl-1:3:4-thiadiazine, 558.
- C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>NCl** 4-*p*-Chlorophenoxy-6-ethoxy-2-methylquinoline, 426.  
 $\beta$ -*p*-Toluoyl- $\alpha$ -3-chloro-*p*-anisylpropionitrile, 1803.
- C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>NBr**  $\beta$ -*p*-Toluoyl- $\alpha$ -3-bromo-*p*-anisylpropionitrile, 1802.
- C<sub>18</sub>H<sub>18</sub>O<sub>2</sub>ClBr** *p*-Tolyl  $\alpha$ -bromo- $\beta$ -methoxy- $\beta$ -3-chloro-*p*-anisylethyl ketone, 1802.
- C<sub>18</sub>H<sub>19</sub>O<sub>4</sub>N<sub>2</sub>S** 2:4-Dinitro-5-piperidino-4'-methyl diphenyl sulphide, 248.
- C<sub>18</sub>H<sub>19</sub>O<sub>4</sub>N<sub>2</sub>S** 2:4-Dinitro-5-piperidino-4'-methyl diphenylsulphone, 248.
- C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>S** Nitropiperidino-4'-methyl diphenylsulphones, 245.
- C<sub>18</sub>H<sub>20</sub>N<sub>3</sub>BrSe** Benzselenazole-1-aldehyde ethobromide *p*-dimethylaminoanil, 910.
- C<sub>18</sub>H<sub>21</sub>O<sub>2</sub>NS** Piperidino-4'-methyl diphenylsulphones, 245.
- C<sub>18</sub>H<sub>21</sub>O<sub>2</sub>SNa** Sodium  $\psi$ -cumenol sulphide, 1021.
- C<sub>18</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>S** *m*-Nitrobenzenesulphonyl-*n*-hexylaniline, 1121.
- C<sub>18</sub>H<sub>23</sub>O<sub>2</sub>N<sub>2</sub>S** *p*-Toluenesulphonamido-*n*-amylbenzene, 1120.

## 18 V

- C<sub>18</sub>H<sub>11</sub>O<sub>6</sub>NCl<sub>2</sub>S<sub>2</sub>** 1-Nitro-2:5-di-*p*-chlorobenzenesulphonylbenzene, 244.
- C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>NClS** 4-Chloro-2-piperidino-4'-methyl diphenylsulphone, 245.
- C<sub>18</sub>H<sub>23</sub>O<sub>2</sub>N<sub>2</sub>ClS<sub>2</sub>** Di-*p*-toluenesulphonyl-*N*- $\beta$ -chloroethylethylenediamine, 1471.
- C<sub>18</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>SP** *p*-Tolyldiethylphosphine-*p*-toluenesulphonylimine, 534.

C<sub>19</sub> Group.

- C<sub>19</sub>H<sub>14</sub>** Methyl-1:2-benzanthracenes, 395.
- C<sub>19</sub>H<sub>18</sub>** Dimethylcyclopentenophenanthrene, 419.
- C<sub>19</sub>H<sub>22</sub>**  $\beta$ -9-Fluorenyl- $\beta$ -methylpentane, 1742.
- C<sub>19</sub>H<sub>26</sub>** 4'-Methyldodecahydro-1:2-benzanthracene, 396.  
6-Methyldodecahydrochrysene, 1584.  
2-( $\beta$ -*o*-Tolylethyl)- $\Delta^{2,3}$ -octalin, 396.

## 19 II

- C<sub>19</sub>H<sub>12</sub>O<sub>2</sub>** 4'-Methyl-1:2-benzanthraquinone, 396.
- C<sub>19</sub>H<sub>14</sub>O<sub>2</sub>** (1-Naphthyl)methylphthalide, 395.
- C<sub>19</sub>H<sub>14</sub>O<sub>5</sub>** 7-Methoxy-8-(*o*-carboxyphenyl)-1-naphthoic acid, 537.
- C<sub>19</sub>H<sub>14</sub>O<sub>6</sub>** 7-Acetoxy-3':4'-methylenedioxy-2-methylisoflavone, 806.
- C<sub>19</sub>H<sub>16</sub>O<sub>2</sub>** Dehydro-1-(2'-hydroxy-3':5'-dimethylbenzyl)-2-naphthol, 1936.  
6-Keto-2:3-epoxy-7:7-diphenylbicyclo[3, 2, 0]heptane, 1838.  
*o*- $\alpha$ -(1-Naphthyl)ethylbenzoic acid, 395.
- C<sub>19</sub>H<sub>16</sub>O<sub>4</sub>** 1:4-Diacetoxy-2-methylphenanthrene, 262.  
3:4-Diacetoxy-1-methylphenanthrene, 513.
- C<sub>19</sub>H<sub>17</sub>N** Diphenyl-*p*-tolylamine, preparation of, 627.
- C<sub>19</sub>H<sub>18</sub>O<sub>2</sub>** 1-(2-Hydroxy-3:5-dimethylbenzyl)-2-naphthol, 1351.  
3-Keto-1-furyl-2-methylhexahydrophenanthrene, 1587.
- C<sub>19</sub>H<sub>18</sub>O<sub>3</sub>** 2:3-Dihydroxy-6-keto-7:7-diphenylbicyclo[3, 2, 0]heptane, 1839.
- C<sub>19</sub>H<sub>18</sub>O<sub>6</sub>** 4:4-Diphenylbutane-1:2:3-tricarboxylic acids, 1840.
- C<sub>19</sub>H<sub>18</sub>O<sub>7</sub>** 5-Hydroxy-3:6:7:4'-tetramethoxyflavone, 47.
- C<sub>19</sub>H<sub>20</sub>O** Methyl  $\beta$ -9-fluorenyl- $\beta$ -methyl-*n*-propyl ketone, 1740.
- C<sub>19</sub>H<sub>20</sub>O<sub>2</sub>** 2-Benzhydrylcyclopentane-1-carboxylic acid, 1841.  
7-Benzoyloxy-2:2:4-trimethyl- $\Delta^3$ -chromen, 1534.
- C<sub>19</sub>H<sub>20</sub>O<sub>4</sub>** 7-Benzoyloxy-5-methoxy-2:2-dimethylchromanone, 1539.  
3:4-Dihydroxy-2-benzhydrylcyclopentane-1-carboxylic acids, 1839.
- C<sub>19</sub>H<sub>20</sub>O<sub>5</sub>** *O*-Acetyl-3':4'-dimethoxy- $\omega$ -salicylacetoxyphenone, 42.  
3:4:3':4'-Tetramethoxychalkone, 837.
- C<sub>19</sub>H<sub>20</sub>O<sub>6</sub>** Acid, from methyl ketomethoxyphenylheptoate and  $\gamma$ -carbomethoxybutyryl chloride, 72.

- C<sub>13</sub>H<sub>22</sub>O<sub>2</sub>** Dehydrodi-2-hydroxy-3:5:6-trimethylphenylmethane, 1936.  
3-Hydroxy-1-furyl-2-methyloctahydrophenanthrene, 1587.  
**C<sub>15</sub>H<sub>22</sub>O<sub>3</sub>** Auroglauca, 83.  
**C<sub>15</sub>H<sub>22</sub>O<sub>5</sub>** *a*-Keto-*ay*-diveratrylpropane, 837.  
*β*-Veratrylethyl 2-hydroxy-4-ethoxyphenyl ketone, 44.  
**C<sub>15</sub>H<sub>24</sub>O** 2-Keto-16-methyldecadecahydrochrysene, 1584.  
**C<sub>15</sub>H<sub>24</sub>O<sub>2</sub>** Di-2-hydroxy-3:5:6-trimethylphenylmethane, sodium salt, 1936.  
3-Keto-7-methoxy-2-methylhexahydro-1:2-*cyclopentanophenanthrenes*, 1585.  
**C<sub>15</sub>H<sub>26</sub>O** 7-Methoxy-2-methylhexahydro-1:2-*cyclopentanophenanthrene*, 1586.  
**C<sub>15</sub>H<sub>26</sub>O<sub>7</sub>** Ethyl *a*-carbethoxy-*β*-phenoxyethylglutarate, 1061.  
**C<sub>15</sub>H<sub>28</sub>O** 2-(*β*-*o*-Tolylethyl)-*trans*-2-decalol, 396.  
**C<sub>15</sub>H<sub>28</sub>O<sub>3</sub>** Flavoglauca, 82.  
**C<sub>15</sub>H<sub>30</sub>O<sub>7</sub>** Ethyl 6-carbethoxycyclohexanone-2:6-*ββ'*-dipropionate, 946.  
**C<sub>15</sub>H<sub>34</sub>O<sub>6</sub>** 12 : 12-Dicarboxy-13-tetrahydrofuryltridecan-1-ol, 721.  
**C<sub>15</sub>H<sub>36</sub>O<sub>4</sub>** *n*-Octyl malonate, 1811.

## 19 III

- C<sub>15</sub>H<sub>11</sub>O<sub>3</sub>Br** Methyl 1'-bromomesobenzanthrone-8-carboxylate, 1101.  
**C<sub>15</sub>H<sub>13</sub>O<sub>3</sub>N<sub>3</sub>** 5-Keto-2-phenyl-4-(2'-carboxyindolydene)-4:5-dihydroglyoxaline, and its sodium salt, 469.  
**C<sub>15</sub>H<sub>11</sub>ON<sub>2</sub>** Dibenzfuran-3-aldehyde phenylhydrazine, 779.  
**C<sub>15</sub>H<sub>14</sub>O<sub>3</sub>N<sub>4</sub>** Methylphthalaz-1:4-dione-5-azo-*β*-naphthols, and their salts, 1844.  
**C<sub>15</sub>H<sub>14</sub>O<sub>5</sub>N<sub>2</sub>** 2-Carboxyindole-3-(*a*-benzamido)acrylic acid, 469.  
**C<sub>15</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** 1-*p*-Nitrobenzyl-3:4-dihydrophenazine, 1703.  
**C<sub>15</sub>H<sub>15</sub>O<sub>5</sub>N** 4-(3':4'-Methylenedioxyphenyl)acetyl-2-methylhomophthalimide, 1314.  
**C<sub>15</sub>H<sub>16</sub>N<sub>3</sub>Br** 1-*p*-Bromophenyl-3-phenyl-3-benzyltriazen, 324.  
**C<sub>15</sub>H<sub>17</sub>OBr<sub>3</sub>** Tribromomethyl *β*-9-fluorenyl-*β*-methyl-*n*-propyl ketone, 1744.  
**C<sub>15</sub>H<sub>17</sub>O<sub>3</sub>N** 4-Phenylacetyl-2:4-dimethylhomophthalimide, 1313.  
**C<sub>15</sub>H<sub>17</sub>O<sub>4</sub>Br** *p*-Tolyl 6-bromo-*β*-ethoxy-3:4-methylenedioxyethyl ketone, 1804.  
**C<sub>15</sub>H<sub>17</sub>O<sub>5</sub>N** 4-(3':4'-Dimethoxyphenyl)acetylhomophthalimide, 1314.  
*γ*-Keto-*a*-cyano-*a*-veratryl-*γ*-piperonylpropane, 839.  
**C<sub>15</sub>H<sub>18</sub>OBr<sub>2</sub>** Dibromomethyl *β*-9-fluorenyl-*β*-methyl-*n*-propyl ketone, 1744.  
**C<sub>15</sub>H<sub>18</sub>O<sub>4</sub>N<sub>4</sub>** 2-*p*-Nitrobenzeneazocyclohexanone-2-carboxyanilide, 813.  
**C<sub>15</sub>H<sub>18</sub>O<sub>4</sub>Cl<sub>2</sub>** *p*-Tolyl *a*-chloro-*β*-ethoxy-*β*-6-chloro-3:4-methylenedioxyphenylethyl ketone, 1802.  
**C<sub>15</sub>H<sub>18</sub>O<sub>4</sub>Br<sub>2</sub>** *p*-Tolyl *a*-bromo-*β*-ethoxy-*β*-6-bromo-3:4-methylenedioxyphenylethyl ketone, 1802.  
**C<sub>15</sub>H<sub>18</sub>O<sub>5</sub>N<sub>2</sub>** 5-Nitro-4-*p*-anisoy-6-ethoxy-2-methylquinoline, 426.  
4-*m*-Nitro-*p*-methoxyphenoxy-6-ethoxy-2-methylquinoline, 426.  
**C<sub>15</sub>H<sub>18</sub>OCl** 4-*cyclo*Hexyldiphenyl-4'-carboxyl chloride, 1442.  
**C<sub>15</sub>H<sub>18</sub>O<sub>3</sub>N** 4-*p*-Anisoy-6-ethoxy-2-methylquinoline, 426.  
Nitromethyl *β*-9-fluorenyl-*β*-methyl-*n*-propyl ketone, 1744.  
**C<sub>15</sub>H<sub>19</sub>O<sub>3</sub>N** *β*-Keto-*a*-cyano-*γ*-benzyloxy-*a*-veratrylpropane, 1649.  
**C<sub>15</sub>H<sub>19</sub>O<sub>4</sub>Cl** *p*-Tolyl *a*-chloro-*β*-ethoxy-*β*-3:4-methylenedioxyphenylethyl ketone, 1802.  
**C<sub>15</sub>H<sub>19</sub>O<sub>4</sub>Br** *p*-Tolyl *a*-chloro-*β*-ethoxy-*β*-3:4-methylenedioxyphenylethyl ketone, 1802.  
**C<sub>15</sub>H<sub>19</sub>O<sub>5</sub>N** 7-*p*-Nitrobenzoyloxy-2:2:4-trimethylchroman, 1534.  
**C<sub>15</sub>H<sub>19</sub>O<sub>6</sub>N** *a*-Veratryl-*β*-piperonylpropionamide, 839.  
**C<sub>15</sub>H<sub>20</sub>O<sub>3</sub>N<sub>2</sub>** 4-*m*-Amino-*p*-methoxyphenoxy-6-ethoxy-2-methylquinoline, 426.  
**C<sub>15</sub>H<sub>20</sub>O<sub>3</sub>Cl<sub>2</sub>** *p*-Tolyl *a*-chloro-*β*-ethoxy-*β*-3-chloro-*p*-anisylethyl ketone, 1802.  
**C<sub>15</sub>H<sub>20</sub>O<sub>3</sub>Br<sub>2</sub>** *p*-Tolyl *a*-bromo-*β*-ethoxy-*β*-3-bromo-*p*-anisylethyl ketone, 1802.  
**C<sub>15</sub>H<sub>20</sub>O<sub>4</sub>S<sub>2</sub>** *βδ*-Benzylsulphonylethylsulphonyl-*a*-phenylbutadiene, 315.  
**C<sub>15</sub>H<sub>20</sub>O<sub>6</sub>N<sub>4</sub>** *αγ*-Benzylidenedioxy-*β*-acetyl-*β*-methylpropane 2:4-dinitrophenylhydrazine, 843.  
**C<sub>15</sub>H<sub>20</sub>O<sub>6</sub>N<sub>4</sub>** 4:6-Dimethoxy-2-*isopropyl*(*β*)coumaranone 2:4-dinitrophenylhydrazine, 285.  
5:7-Dimethoxy-2:2-dimethylchromanone 2:4-dinitrophenylhydrazine, 284.  
**C<sub>15</sub>H<sub>21</sub>ON** Aminomethyl *β*-9-fluorenyl-*β*-methyl-*n*-propyl ketone, 1745.  
Methyl *β*-9-fluorenyl-*β*-methyl-*n*-propyl ketoxime, 1744.  
**C<sub>15</sub>H<sub>21</sub>O<sub>3</sub>Cl** *p*-Tolyl *a*-chloro-*β*-ethoxy-*β*-*p*-anisylethyl ketone, 1802.  
**C<sub>15</sub>H<sub>21</sub>O<sub>3</sub>Br** *p*-Tolyl *a*-bromo-*β*-ethoxy-*β*-*p*-anisylethyl ketone, 1802.  
**C<sub>15</sub>H<sub>21</sub>O<sub>6</sub>N** Substance, from rottlerin tetramethyl ether and nitrous acid, 1864.  
**C<sub>15</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** *neoapo*Quinidine, and its salts, 596.  
**C<sub>15</sub>H<sub>24</sub>O<sub>3</sub>N<sub>2</sub>** *a*- and *β*-Hydroxydihydroapoquinidines, and their salts, 598.  
*β*-Hydroxydihydroapoquinine, and its salts, 600.  
**C<sub>15</sub>H<sub>24</sub>O<sub>6</sub>N<sub>4</sub>** Ethyl *cis*- and *trans*-2-decalone-3-carboxylate 2:4-dinitrophenylhydrazones, 824.  
**C<sub>15</sub>H<sub>26</sub>O<sub>5</sub>N** Ethyl *a*-carbethoxy-*γ*-cyano-*β*-phenoxyethyl-*a*-ethylbutyrate, 1061.  
**C<sub>15</sub>H<sub>26</sub>O<sub>2</sub>N<sub>2</sub>** *epi*-C<sub>3</sub>-Dihydroquinidine, 597.  
**C<sub>15</sub>H<sub>26</sub>ON<sub>3</sub>** 3-Keto-2<sup>4</sup>-hexadecahydro-1:2-benzanthracene semicarbazones, 826.  
**C<sub>15</sub>H<sub>31</sub>O<sub>5</sub>N<sub>3</sub>** Ethyl 3-carbethoxy-1-methyl-4-*isopropenyl*cyclohexan-2-one-1-*β*-propionate semicarbazone, 1579.  
**C<sub>15</sub>H<sub>34</sub>O<sub>4</sub>Br** *sec*-Octyl bromomalonate, 1811.

## 19 IV

- C<sub>15</sub>H<sub>10</sub>ONCl<sub>5</sub>** *N*-Benzoylpentachlorodiphenylamine, 1956.  
*N*-2:4-Dichlorophenylbenzimidino-2:4:6-trichlorophenyl ether, 1956.  
**C<sub>15</sub>H<sub>11</sub>O<sub>8</sub>N<sub>4</sub>Cl** 5-Chloro-2':4'-dinitro-2-*o*-nitrobenzoyloxydiphenyl ether, 41.  
**C<sub>15</sub>H<sub>11</sub>O<sub>8</sub>N<sub>4</sub>I** 5-Iodo-2':4'-dinitro-2-*o*-nitrobenzamidodiphenyl ether, 40.  
**C<sub>15</sub>H<sub>12</sub>ONCl<sub>3</sub>** *N*-Benzoyl-2:4:4'-trichlorodiphenylamine, 1955.  
*N*-2:4-Dichlorophenylbenzimidino-*p*-chlorophenyl ether, 1955.

- C<sub>15</sub>H<sub>13</sub>ONCl<sub>2</sub>** *N*-Benzoyl-2:4'-dichlorodiphenylamine, 1955.  
*N*-*o*-Chlorophenylbenzimidino-*p*-chlorophenyl ether, 1955.  
**C<sub>15</sub>H<sub>13</sub>ONS<sub>2</sub>** Thianthrencarboxyanilide, 444.  
**C<sub>15</sub>H<sub>13</sub>O<sub>3</sub>NBr** 4-*m*-Bromo-*p*-methoxyphenoxy-6-ethoxy-2-methylquinoline, 426.  
**C<sub>15</sub>H<sub>13</sub>O<sub>5</sub>NCl** Carbethoxymethylaminodihydroxyflavylium chlorides, 455.  
**C<sub>15</sub>H<sub>13</sub>N<sub>2</sub>BrS<sub>2</sub>** 2:2'-Diethyl- $\alpha$ - $\beta$ -diazadithiacarbocyanine bromide, 910.  
**C<sub>15</sub>H<sub>20</sub>O<sub>3</sub>ClBr** *p*-Tolyl  $\alpha$ -chloro- $\beta$ -ethoxy- $\beta$ -3-bromo-*p*-anisylethyl ketone, 1802.  
**C<sub>15</sub>H<sub>22</sub>O<sub>2</sub>Nl** 4-*p*-Tolyloxy-6-ethoxy-2-methylquinoline methiodide, 426.  
**C<sub>15</sub>H<sub>22</sub>O<sub>2</sub>NS** 2-Piperidinodi-*p*-tolylsulphone, 246.  
**C<sub>15</sub>H<sub>24</sub>O<sub>4</sub>N<sub>2</sub>S** *m*-Nitrobenzenesulphonyl-*n*-heptylaniline, 1122.  
**C<sub>15</sub>H<sub>25</sub>O<sub>2</sub>NS** *p*-Toluenesulphonyl-*n*-hexylaniline, 1121.

## 19 V

- C<sub>15</sub>H<sub>13</sub>ONClBr** *N*-Benzoyl-4-chloro-4'-bromodiphenylamine, 1956.  
*N*-*p*-Bromophenylbenzimidino-*p*-chlorophenyl ether, 1956.  
**C<sub>15</sub>H<sub>15</sub>O<sub>2</sub>NClI** 4-*p*-Chlorophenoxy-6-ethoxy-2-methylquinoline methiodide, 426.  
**C<sub>15</sub>H<sub>15</sub>N<sub>4</sub>BrS<sub>2</sub>** 2:2'-Diethyl- $\beta$ - $\gamma$ -diazaselenathiacarbocyanine bromide, 910.  
**C<sub>15</sub>H<sub>34</sub>O<sub>2</sub>N<sub>2</sub>SP** Tri-*n*-butylphosphine-*p*-toluenesulphonylimine, 535.

C<sub>20</sub> Group.

- C<sub>20</sub>H<sub>16</sub>** 5-Ethyl-1:2-benzanthracene, 395.  
**C<sub>20</sub>H<sub>32</sub>** Dacrene, identity of, with phyllocladene, 79.  
 Sciadopitene, identity of, with phyllocladene, 79.  
**C<sub>20</sub>H<sub>36</sub>** Totarane, 518.

## 20 II

- C<sub>20</sub>H<sub>14</sub>O<sub>2</sub>** 5-Ethyl-1:2-benzanthraquinone, 395.  
**C<sub>20</sub>H<sub>14</sub>O<sub>4</sub>** Methyl 11-methoxybenzanthrone-8-carboxylate, 537.  
**C<sub>20</sub>H<sub>16</sub>O<sub>2</sub>** Dibenzyl-*p*-benzoquinone, 58.  
**C<sub>20</sub>H<sub>16</sub>O<sub>5</sub>** *O*-Diethylenedioxyhæmatoxylone, 52.  
**C<sub>20</sub>H<sub>16</sub>O<sub>6</sub>** 7:8:3':4'-Bisethylenedioxy-3-benzylidenechromanone, 51.  
**C<sub>20</sub>H<sub>16</sub>O<sub>7</sub>** Diethylenehæmatoxylone, 52.  
 Piperonylideneveratrylsuccinic acid, 836.  
 Rubroglaucin acetate, 87.  
**C<sub>20</sub>H<sub>16</sub>N<sub>4</sub>** 2:3-Dianilinoquinoxaline, 426.  
**C<sub>20</sub>H<sub>18</sub>O<sub>3</sub>** 5-(3':4'-Methylenedioxyphenyl)-3-*p*-tolyl- $\Delta^2$ -cyclohexenone, 1804.  
**C<sub>20</sub>H<sub>18</sub>O<sub>6</sub>** 7:8:3':4'-Bisethylenedioxy-3-benzylchromanone, 51.  
*O*-Diethylenehæmatoxylol, 52.  
**C<sub>20</sub>H<sub>19</sub>N** 2:4-Dibenzylaniline, 1125.  
 Phenyl-di-*p*-tolylamine, preparation of, 627.  
**C<sub>20</sub>H<sub>20</sub>O<sub>4</sub>** Deoxydimethylethylbrazilone, 45.  
**C<sub>20</sub>H<sub>20</sub>O<sub>5</sub>** 2:5-Diveratrylfuran, 1648.  
 7-Methoxy-3-(4'-methoxy-3'-ethoxybenzylidene)chromanone, 44.  
**C<sub>20</sub>H<sub>20</sub>O<sub>6</sub>** Cubebin, 391.  
**C<sub>20</sub>H<sub>20</sub>O<sub>7</sub>** 6:7-Dimethoxy-3-(3':4'-dimethoxy)phenacylphthalide, 1314.  
 Tangeritin, synthesis of, 46.  
**C<sub>20</sub>H<sub>22</sub>O<sub>4</sub>** Methyl 3:4-dihydroxy-2-benzhydrylcyclopentane-1-carboxylates, 1839.  
**C<sub>20</sub>H<sub>22</sub>O<sub>5</sub>** Anhydroisolariciresinol, 390.  
 1-Keto-6:7-dimethoxy-2-veratryl-1:2:3:4-tetrahydronaphthalene, 838.  
 $\beta$ -Veratroyl- $\alpha$ -veratrylpropionic acid, 837.  
**C<sub>20</sub>H<sub>24</sub>O<sub>4</sub>** 7-Methoxy-3-(4'-methoxy-3'-ethoxybenzyl)chromanone, 44.  
**C<sub>20</sub>H<sub>24</sub>O<sub>6</sub>**  $\alpha$ -Diveratrylbutyric acid, 838.  
 Ethyl  $\beta$ -veratryl- $\beta$ -(2-hydroxy-4-methoxyphenyl)propionate, 742.  
 Lariciresinols, 388.  
**C<sub>20</sub>H<sub>26</sub>O<sub>2</sub>** *o* $\delta$ -Di-(4-methoxy-*o*-tolyl)butane, 265.  
 $\alpha$  $\delta$ -Di-(5-methoxy-*o*-tolyl)butane, 511.  
*s-p*-Tolylolethylpinacol, 1758.  
**C<sub>20</sub>H<sub>30</sub>O** Totarol, 516.  
**C<sub>20</sub>H<sub>32</sub>O** Dihydrototarol, 518.  
**C<sub>20</sub>H<sub>34</sub>O** Tetrahydrototarol, 519.  
**C<sub>20</sub>H<sub>34</sub>O<sub>4</sub>** Ethyl dicyclohexylsuccinates, 1452.  
**C<sub>20</sub>H<sub>35</sub>N** *p-n*-Heptylamino-*n*-heptylbenzene, and its salts, 1122.

## 20 III

- C<sub>20</sub>H<sub>10</sub>O<sub>6</sub>N<sub>4</sub>** 4:8:4':8'-Tetranitro-1:1'-dinaphthyl, 573.  
**C<sub>20</sub>H<sub>11</sub>O<sub>8</sub>N<sub>5</sub>** 4:8:4':8'-Tetranitro-1:1'-dinaphthylamine, 573.  
**C<sub>20</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>** 4:4'-Dinitro-2:2'-dinaphthyl, 124.  
 8:8'-Dinitro-1:1'-dinaphthyl, 573.  
**C<sub>20</sub>H<sub>12</sub>O<sub>5</sub>N<sub>4</sub>** 4:4'-Dinitro-2:2'-azoxynaphthalene, 984.  
**C<sub>20</sub>H<sub>13</sub>O<sub>3</sub>N** 1-Hydroxy-3-phenyl- $\beta$ -naphthaquinoline-2-carboxylic acid, 867.  
**C<sub>20</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** 2:3-Diphenoxyquinoxaline, 425.  
**C<sub>20</sub>H<sub>14</sub>O<sub>2</sub>S** Di-2-hydroxy-1-naphthyl sulphide, alkali salts, 729.

- C<sub>20</sub>H<sub>14</sub>O<sub>4</sub>N<sub>2</sub>** 2-Phenyl-4-(2'-carbomethoxyindolylidene)oxazolone, 469.  
**C<sub>20</sub>H<sub>14</sub>O<sub>8</sub>N<sub>4</sub>** 2':4'-Dinitro-2-*o*-nitrobenzamido-5-methyldiphenyl ether, 40.  
**C<sub>20</sub>H<sub>14</sub>N<sub>2</sub>Cl<sub>2</sub>** Dibenzphenylenediamide di-imido-chlorides, 1644.  
**C<sub>20</sub>H<sub>15</sub>O<sub>3</sub>N** *N*-Benzoyldiphenylamine-2-carboxylic acid, 1958.  
**C<sub>20</sub>H<sub>15</sub>O<sub>4</sub>Br** Methyl 5-bromo-8-(*o*-carbomethoxyphenyl)-1-naphthoate, 1101.  
**C<sub>20</sub>H<sub>15</sub>O<sub>6</sub>N** Methyl 5-nitro-8-*o*-carbomethoxyphenyl-1-naphthoate, 1102.  
**C<sub>20</sub>H<sub>16</sub>O<sub>6</sub>N<sub>2</sub>** *p*-Nitrobenzylideneaminodiphenylmethane, 1125.  
**C<sub>20</sub>H<sub>17</sub>O<sub>3</sub>N** 4-Nitro-2:6-dibenzylphenol, 57.  
**C<sub>20</sub>H<sub>17</sub>O<sub>3</sub>Cl** 5-(6'-Chloro-3':4'-methylenedioxyphenyl)-3-*p*-tolyl-Δ<sup>2</sup>-cyclohexenone, 1804.  
**C<sub>20</sub>H<sub>17</sub>O<sub>3</sub>Br** 5-(6'-Bromo-3':4'-methylenedioxyphenyl)-3-*p*-tolyl-Δ<sup>2</sup>-cyclohexenone, 1804.  
**C<sub>20</sub>H<sub>18</sub>N<sub>2</sub>S** *p*-Benzyl-αβ-diphenylthiourea, 1125.  
**C<sub>20</sub>H<sub>19</sub>O<sub>2</sub>Cl** 5-*m*-Chloro-*p*-anisyl-3-*p*-tolyl-Δ<sup>2</sup>-cyclohexenone, 1804.  
**C<sub>20</sub>H<sub>19</sub>O<sub>2</sub>Br** 5-*m*-Bromo-*p*-anisyl-3-*p*-tolyl-Δ<sup>2</sup>-cyclohexenone, 1804.  
**C<sub>20</sub>H<sub>19</sub>O<sub>6</sub>N** 4-(3':4'-Dimethoxyphenyl)acetyl-2-methylhomophthalimide, 1313.  
**C<sub>20</sub>H<sub>20</sub>O<sub>6</sub>N<sub>2</sub>** Methyl *s*-dibenzoyldimethylhydrazine-2:2'-dicarboxylate, 23.  
**C<sub>20</sub>H<sub>21</sub>O<sub>6</sub>N** γ-Keto-*a*-cyano-*ay*-diveratrylpropane, 837.  
**C<sub>20</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** β-Imino-*a*-cyano-*ay*-diveratrylpropane, 840.  
**C<sub>20</sub>H<sub>22</sub>O<sub>4</sub>N<sub>4</sub>** 3-Methyl-7-*isopropyl*-1:2:3:4-tetra-1-one 2:4-dinitrophenylhydrazone, 763.  
**C<sub>20</sub>H<sub>22</sub>O<sub>4</sub>N<sub>4</sub>** 5:7-Dimethoxy-8-formyl-2:2-dimethylchroman 2:4-dinitrophenylhydrazone, 291.  
**C<sub>20</sub>H<sub>22</sub>O<sub>8</sub>N<sub>4</sub>** αγ-Diacetyl-β-methylpropane bis-2:4-dinitrophenylhydrazone, 302.  
**C<sub>20</sub>H<sub>22</sub>O<sub>10</sub>N<sub>2</sub>** Dinitro-*ay*-diveratrylbutyric acid, 838.  
**C<sub>20</sub>H<sub>22</sub>O<sub>11</sub>N<sub>4</sub>** β-Glucovanillin 2:4-dinitrophenylhydrazone, 494.  
**C<sub>20</sub>H<sub>23</sub>ON** Acetamido-4-cyclohexyldiphenyls, 1441.  
**C<sub>20</sub>H<sub>23</sub>ON<sub>3</sub>** Methyl β-9-fluorenyl-β-methyl-*n*-propyl ketone semicarbazone, 1742.  
**C<sub>20</sub>H<sub>23</sub>O<sub>6</sub>N** β-Veratryl-*a*-veratrylpropionamide, 837.  
**C<sub>20</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>** *a*-*iso*Quinidine, 597.  
*neo**iso*Quinidine, and its salts, 596.  
*ψ*-Quinidine, and its salts, 596.  
*a*- and β-*iso*Quinines, 599.  
**C<sub>20</sub>H<sub>24</sub>O<sub>4</sub>N<sub>4</sub>** 2-Keto-Δ<sup>1:13</sup>-dodecahydroanthracene 2:4-dinitrophenylhydrazone, 60.  
**C<sub>20</sub>H<sub>24</sub>O<sub>4</sub>N<sub>4</sub>** Ethyl *cis*-2-ketodecalyl-3-glyoxylate 2:4-dinitrophenylhydrazone, 824.  
**C<sub>20</sub>H<sub>25</sub>O<sub>2</sub>N** 1-Amino-6:7-dimethoxy-2-veratryl-1:2:3:4-tetrahydronaphthalene, 838.  
**C<sub>20</sub>H<sub>26</sub>O<sub>2</sub>N<sub>2</sub>** *epi*-C<sub>3</sub>-Dihydroquinine, and its dihydrobromide, 599.  
**C<sub>20</sub>H<sub>26</sub>O<sub>3</sub>N<sub>2</sub>** Hydroxydihydroquinidine, 598.  
**C<sub>20</sub>H<sub>26</sub>O<sub>4</sub>N<sub>4</sub>** 4:6-Dimethyl galactosazone, 1618.  
**C<sub>20</sub>H<sub>26</sub>O<sub>4</sub>N<sub>4</sub>** Ethyl 3-methyl-2-decalone-3-carboxylate 2:4-dinitrophenylhydrazones, 825.  
**C<sub>20</sub>H<sub>27</sub>O<sub>4</sub>N<sub>3</sub>** Ethyl 1-keto-7-methoxy-2-methyloctahydrophenanthrene-2-carboxylate semicarbazone, 62.  
**C<sub>20</sub>H<sub>32</sub>O<sub>4</sub>N<sub>2</sub>** Phyllocladene nitrosate, 80.  
**C<sub>20</sub>H<sub>33</sub>ON** *p*-Acetamidododecylbenzene, 1123.

## 20 IV

- C<sub>20</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>Br<sub>2</sub>** 4:4'-Dibromo-8:8'-dinitro-1:1'-dinaphthyl, 573.  
**C<sub>20</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>Br<sub>2</sub>** 4:4'-Di-iodo-3:3'-dinitro-1:1'-dinaphthyl, 124.  
**C<sub>20</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>3</sub>** *N*-2-Chlorophenyl-*N*-4-chlorophenyl-*N*'*N*'-4-chlorophthalylhydrazine, 1956.  
**C<sub>20</sub>H<sub>12</sub>ONBr<sub>3</sub>** *N*-Benzoyl-4:6:4'-tribromodiphenylamine-2-carboxylic acid, 1958.  
**C<sub>20</sub>H<sub>12</sub>ONBr<sub>2</sub>** 5:5'-Dibromo-*a*-azoxynaphthalene, 1621.  
**C<sub>20</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>2</sub>** 2:3-Di-*p*-chlorophenoxyquinoxaline, 425.  
**C<sub>20</sub>H<sub>12</sub>O<sub>2</sub>Br<sub>2</sub>S** Di-3-bromo-2-hydroxy-1-naphthyl sulphide, sodium salt, 729.  
**C<sub>20</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>S** Dinitrodinaphthyl sulphides, 1353.  
**C<sub>20</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>S<sub>2</sub>** Dinitrodinaphthyl disulphides, 1353.  
**C<sub>20</sub>H<sub>13</sub>O<sub>3</sub>NCl<sub>2</sub>** *N*-Benzoyl-2:4-dichlorodiphenylamine-2'-carboxylic acid, 1957.  
**C<sub>20</sub>H<sub>14</sub>ONCl<sub>3</sub>** *N*-*p*-Toluoyl-2:4:4'-trichlorodiphenylamine, 1955.  
**C<sub>20</sub>H<sub>14</sub>ONCl** *N*-Benzoyl-4-chlorodiphenylaminocarboxylic acids, 1957.  
**C<sub>20</sub>H<sub>15</sub>O<sub>6</sub>Cl<sub>4</sub>Fe** 6:7:7':8'-Bisethylenedioxychromeno(4':3':2:3)benzopyrylium ferrichloride, 51.  
**C<sub>20</sub>H<sub>16</sub>O<sub>4</sub>N<sub>2</sub>S<sub>2</sub>** 2:4-Dinitro-1:5-di-*p*-tolylthiobenzene, 247.  
**C<sub>20</sub>H<sub>16</sub>O<sub>6</sub>N<sub>2</sub>S<sub>2</sub>** 2:4-Dinitro-1:5-di-*p*-tolylsulphonylbenzene, 248.  
**C<sub>20</sub>H<sub>19</sub>O<sub>2</sub>N<sub>2</sub>S** *p*-Toluenesulphonphenylbenzylamide, 1118.  
**C<sub>20</sub>H<sub>19</sub>O<sub>4</sub>Cl<sub>4</sub>Fe** 4':5'-Dimethoxy-7-ethoxybrazylum ferrichloride, 44.  
 7:5'-Dimethoxy-4'-ethoxybrazylum ferrichloride, 45.  
**C<sub>20</sub>H<sub>19</sub>O<sub>2</sub>N<sub>2</sub>Cl** Betanidin chloride, 448.  
**C<sub>20</sub>H<sub>20</sub>O<sub>4</sub>N<sub>2</sub>S<sub>2</sub>** 2:4-Diamino-1:5-di-*p*-tolylsulphonylbenzene, 248.  
**C<sub>20</sub>H<sub>20</sub>O<sub>2</sub>N<sub>4</sub>S** 4-Phenyl-3-*iso*amylthiazolium picrate, 363.  
**C<sub>20</sub>H<sub>21</sub>O<sub>2</sub>N<sub>4</sub>I** 4-*m*-Nitro-*p*-methoxyphenoxy-6-ethoxy-2-methylquinoline methiodide, 426.  
**C<sub>20</sub>H<sub>22</sub>O<sub>3</sub>N<sub>4</sub>I** 4-*p*-Anisoxy-6-ethoxy-2-methylquinoline methiodide, 426.  
**C<sub>20</sub>H<sub>27</sub>O<sub>2</sub>N<sub>2</sub>S** *p*-Toluenesulphonyl-*n*-heptylaniline, 1122.  
**C<sub>20</sub>H<sub>27</sub>O<sub>4</sub>N<sub>2</sub>S<sub>2</sub>** 1:4-Di-*p*-toluenesulphonyl-1:4:7-triazacyclononane, and its hydrochloride, 1471.  
**C<sub>20</sub>H<sub>28</sub>O<sub>2</sub>N<sub>2</sub>S<sub>2</sub>** *NN'*-Di-*p*-toluenesulphonyl-*NN'*-bis-(β-hydroxyethyl)ethylenediamine, 1470.  
**C<sub>20</sub>H<sub>30</sub>O<sub>4</sub>N<sub>4</sub>S<sub>2</sub>** *NN'*-Di-*p*-toluenesulphonyl-*NN'*-bis-(β-aminoethyl)ethylenediamine, and its dihydrochloride, 1471.  
**C<sub>20</sub>H<sub>32</sub>ONCl** Phyllocladene nitrosochloride, 80.

## 20 V

- C<sub>20</sub>H<sub>26</sub>O<sub>4</sub>N<sub>2</sub>Cl<sub>2</sub>S<sub>2</sub>** *NN'*-Di-*p*-toluenesulphonyl-*NN'*-bis-(β-chloroethyl)ethylenediamine, 1471.  
 2080

C<sub>21</sub> Group.

- C<sub>21</sub>H<sub>14</sub>O<sub>2</sub>** Dehydrodi-2-hydroxy-1-naphthylmethane, 1931.  
 3:3-Diphenylindanedione, 628.  
**C<sub>21</sub>H<sub>16</sub>O** 3-Hydroxy-9-methylcholanthrene, 1828.  
**C<sub>21</sub>H<sub>16</sub>O<sub>2</sub>** Di-2-hydroxy-1-naphthylmethane, alkali salts, 729.  
**C<sub>21</sub>H<sub>16</sub>O<sub>5</sub>** Methyl 7-methoxy-8-(*o*-carbomethoxyphenyl)-1-naphthoate, 537.  
**C<sub>21</sub>H<sub>20</sub>O** *p*-Phenylphenacyl- $\gamma$ -carboxypropylideneacetone, 1587.  
**C<sub>21</sub>H<sub>20</sub>O<sub>7</sub>**  $\gamma$ -Hydroxy- $\alpha$ -veratroyl- $\gamma$ -veratryl- $\Delta^{\beta}$ -butenolactone, 1648.  
**C<sub>21</sub>H<sub>21</sub>N<sub>3</sub>** 1-*p*-Dimethylaminobenzyl-3:4-dihydrophenazine, 1703.  
**C<sub>21</sub>H<sub>21</sub>P** Tritolylphosphines, 530.  
**C<sub>21</sub>H<sub>22</sub>O<sub>4</sub>** 6:7-Dimethoxy-1-veratryl-3-methylnaphthalene, 1648.  
**C<sub>21</sub>H<sub>22</sub>O<sub>6</sub>**  $\alpha\beta$ -Diveratroylethane, 1648.  
**C<sub>21</sub>H<sub>24</sub>O<sub>4</sub>** Ethyl  $\beta$ -3:4-dihydroxy-2-benzhydrylcyclopentane-1-carboxylate, 1839.  
**C<sub>21</sub>H<sub>24</sub>O<sub>6</sub>** *O*-Trimethylethyldihydrobrazileinol, 45.  
**C<sub>21</sub>H<sub>26</sub>O<sub>6</sub>**  $\delta$ -Keto- $\beta$ -hydroxymethyl- $\alpha\delta$ -diveratroylpropane, 1648.  
*iso*Lariciresinol methyl ether, 389.  
**C<sub>21</sub>H<sub>30</sub>O<sub>2</sub>** Totarol formate, 518.  
**C<sub>21</sub>H<sub>30</sub>O<sub>7</sub>** Ethyl  $\alpha$ -carbethoxy- $\beta$ -phenoxymethyl- $\alpha$ -ethylglutarate, 1061.  
**C<sub>21</sub>H<sub>32</sub>O** Totaryl methyl ether, 518.  
**C<sub>21</sub>H<sub>32</sub>O<sub>2</sub>** Dihydototaryl formate, 518.

## 21 III

- C<sub>21</sub>H<sub>12</sub>O<sub>2</sub>Br<sub>2</sub>** Dehydrodibromohydroxy-1-naphthylmethanes, 1935.  
**C<sub>21</sub>H<sub>13</sub>O<sub>2</sub>Br** 3-Bromodehydrodi-2-hydroxy-1-naphthylmethane, 1934.  
**C<sub>21</sub>H<sub>13</sub>O<sub>4</sub>N** Nitrodehydrodi-2-hydroxy-1-naphthylmethane, 1934.  
**C<sub>21</sub>H<sub>14</sub>O<sub>2</sub>Br<sub>2</sub>** Bis-(6-bromo-2-hydroxynaphthyl-1)-methane, 1350.  
 Dehydrodi-2-hydroxy-1-naphthylmethane 3:4-dibromide, 1934.  
 Dibromohydroxy-1-naphthylmethanes, 1934.  
**C<sub>21</sub>H<sub>14</sub>O<sub>6</sub>N<sub>2</sub>**  $\alpha\delta$ -Diphthalimido- $\gamma$ -valerolactone, 1168.  
**C<sub>21</sub>H<sub>15</sub>ON** 2-Anilino-3-phenylindone, 112.  
**C<sub>21</sub>H<sub>15</sub>O<sub>2</sub>Br** Bromodi-2-hydroxynaphthyl-1-methanes, 1350.  
 6-Bromodi-2-hydroxy-1-naphthylmethane, sodium salt, 1936.  
**C<sub>21</sub>H<sub>15</sub>O<sub>6</sub>B** 4-Hydroxy*meso*benzanthrone boroacetate, 1792.  
**C<sub>21</sub>H<sub>16</sub>O<sub>4</sub>N<sub>4</sub>**  $\alpha$ -Phenylcinnamaldehyde 2:4-dinitrophenylhydrazone, 547.  
**C<sub>21</sub>H<sub>16</sub>O<sub>6</sub>N<sub>8</sub>** *p*-Methoxyphenylglyoxal bis-2:4-dinitrophenylhydrazone, 370.  
**C<sub>21</sub>H<sub>17</sub>O<sub>3</sub>N** Methyl *N*-benzoyldiphenylamine-2-carboxylate, 1958.  
*N*-Phenylbenzimidino-*o*-carbomethoxyphenyl ether, 1957.  
**C<sub>21</sub>H<sub>18</sub>O<sub>4</sub>N<sub>4</sub>**  $\alpha\beta$ -Diphenylpropaldehyde 2:4-dinitrophenylhydrazones, 548.  
**C<sub>21</sub>H<sub>18</sub>O<sub>5</sub>N<sub>2</sub>** Methyl 2-carbethoxyindole-3-( $\alpha$ -benzamido)acrylate, 469.  
**C<sub>21</sub>H<sub>18</sub>O<sub>5</sub>N<sub>4</sub>** 1-Keto-8-methoxytetrahydrophenanthrene 2:4-dinitrophenylhydrazone, 1621.  
 Phenylacetylphenylcarbinol 2:4-dinitrophenylhydrazone, 548.  
**C<sub>21</sub>H<sub>19</sub>ON**  $\alpha\beta$ -Diphenylpropanilide, 547.  
**C<sub>21</sub>H<sub>19</sub>O<sub>3</sub>N** 4-Nitro-2:6-dibenzylphenyl methyl ether, 58.  
**C<sub>21</sub>H<sub>19</sub>O<sub>4</sub>N<sub>3</sub>** 2-Carbethoxyindole-3-( $\alpha$ -benzamido)acrylamide, 469.  
**C<sub>21</sub>H<sub>19</sub>N<sub>4</sub>I** 1:1'-Dimethyl- $\alpha\gamma$ -diaz-2:2'-carbocyanine iodide, 911.  
**C<sub>21</sub>H<sub>21</sub>ON** Acetylcarvotanacetamylamines, 241.  
**C<sub>21</sub>H<sub>21</sub>O<sub>3</sub>P** Trianisylphosphines, 531.  
**C<sub>21</sub>H<sub>21</sub>O<sub>2</sub>P** Tri-*m*-anisylphosphine oxide, 532.  
**C<sub>21</sub>H<sub>21</sub>N<sub>3</sub>S** *S*-(*p*-Dimethylaminophenyl)-*NN'*-diphenylisothiocarbamide, 1633.  
**C<sub>21</sub>H<sub>23</sub>ON<sub>2</sub>** 1-Keto-7-methoxyhexahydrophenanthrene phenylhydrazone, 63.  
**C<sub>21</sub>H<sub>23</sub>O<sub>2</sub>N** Acetylmethyl  $\beta$ -9-fluorenyl- $\beta$ -methyl-*n*-propyl ketoxime, 1744.  
**C<sub>21</sub>H<sub>23</sub>O<sub>3</sub>N** *cis*- $\beta$ -Phenoxymethyl- $\alpha$ -ethylglutaric-*p*-tolylimide, 1060.  
**C<sub>21</sub>H<sub>23</sub>O<sub>4</sub>N** 6:7:4':5'-Tetramethoxy-3:4:11:12-tetrahydro-1:2-benzphenanthridine, 838.  
**C<sub>21</sub>H<sub>23</sub>O<sub>4</sub>Cl** 6:7-Dimethoxy-1-veratryl-3-chloromethyl-3:4-dihydronaphthalene, 1648.  
**C<sub>21</sub>H<sub>23</sub>O<sub>6</sub>N<sub>3</sub>** Cubebin semicarbazone, 391.  
**C<sub>21</sub>H<sub>24</sub>O<sub>4</sub>N<sub>4</sub>** 1:10-Dimethyl-7-*isopropenyl*- $\Delta^{1(9)}$ -octal-2-one 2:4-dinitrophenylhydrazone, 1579.  
**C<sub>21</sub>H<sub>24</sub>O<sub>5</sub>N** 1-Formamido-6:7-dimethoxy-2-veratryl-1:2:3:4-tetrahydronaphthalene, 838.  
**C<sub>21</sub>H<sub>26</sub>O<sub>4</sub>N<sub>4</sub>** 1:10-Dimethyl-7-*isopropenyl*- $\Delta^{1(9)}$ -octal-2-one 2:4-dinitrophenylhydrazone, 1580.

## 21 IV

- C<sub>21</sub>H<sub>14</sub>O<sub>3</sub>NBr<sub>3</sub>** *N-p*-Bromophenylbenzimidino-4':6'-dibromo-2'-carbomethoxyphenyl ether, 1958.  
 Methyl *N*-benzoyl-4:6:4'-tribromodiphenylamine-2-carboxylate, 1958.  
**C<sub>21</sub>H<sub>14</sub>O<sub>3</sub>NCl<sub>3</sub>** *N*-2:4-Dichlorophenylbenzimidino-*o*-carbomethoxyphenyl ether, 1957.  
 Methyl *N*-benzoyl-2:4-dichlorodiphenylamine-2-carboxylate, 1957.  
**C<sub>21</sub>H<sub>16</sub>ON<sub>2</sub>Br<sub>2</sub>** *p*-Dimethylaminophenyl-2':7'-dibromodiphenylenemethylenenitrone, 1628.  
**C<sub>21</sub>H<sub>16</sub>O<sub>2</sub>NCl** *N-p*-Chlorophenylbenzimidino-*o*-carbomethoxyphenyl ethers, 1956.  
 Methyl *N*-benzoyl-4-chlorodiphenylaminecarboxylates, 1956.  
**C<sub>21</sub>H<sub>16</sub>O<sub>4</sub>NCl** *N*-Benzoyl-4-chloro-4'-methoxydiphenylamine-2-carboxylic acid, 1958.  
**C<sub>21</sub>H<sub>16</sub>O<sub>3</sub>Br<sub>2</sub>P** Tribromotri-*o*-anisylphosphine oxide, 532.  
**C<sub>21</sub>H<sub>17</sub>N<sub>2</sub>BrS** 2:1'-Diethyl- $\alpha\beta$ -diazathia-2'-carbocyanine bromide, 910.  
**C<sub>21</sub>H<sub>23</sub>ON<sub>2</sub>Br**  $\omega$ -( $\epsilon$ -Bromoamylcyanoamido)- $\omega$ -benzylacetophenone, 857.  
**C<sub>21</sub>H<sub>25</sub>O<sub>2</sub>NS** *p*-Toluenesulphonamido-*n*-octylbenzene, 1122.  
*p*-Toluenesulphonyl-*n*-octylaniline, 1122.

## 21 V

$C_{21}H_{21}N_2SSe$  2:2'-Diethylselenathiacarbocyanine iodide, 911.

**C<sub>22</sub> Group.**

$C_{22}H_{14}N_4$  *NN'*-Di-( $\alpha$ -cyanobenzylidene)-*p*-phenylenediamine, 1645.  
 $C_{22}H_{16}O_2$  4-Benzoyloxy-1-methylphenanthrene, 266.  
 $C_{22}H_{16}O_{10}$  Tetra-acetoxyanthraquinones, 254.  
 $C_{22}H_{18}O$  3-Methoxy-9-methylcholanthrene, 1827.  
 $C_{22}H_{20}O_2$  7-(6'-Methoxy-1'-naphthoyl)-4-methylhydrindene, 1827.  
 $C_{22}H_{20}N_4$  2:3-Ditoluidinoquinoxalines, 426.  
 $C_{22}H_{22}O_3$  2:6-Di-*p*-anisylphenol, 58.  
 $C_{22}H_{22}O_4$  4:4'-Bis-(4:6-dimethyl-1:3-benzodioxinyls), 562.  
 $C_{22}H_{22}O_5$  Dehydroanhydroisolariciresinol dimethyl ether, 1647.  
 $C_{22}H_{23}N_3$  Tribenzylguanidine, hydrochloride of, 828.  
 $C_{22}H_{24}O_6$  Methyl 4:4-diphenylbutane-1:2:3-tricarboxylates, 1840.  
 $C_{22}H_{26}O_4$  6-(5-Hydroxyhydrindyl)methylpinacol, 561.  
 $C_{22}H_{26}O_5$  Anhydroisolariciresinol dimethyl ether, 390.  
 $C_{22}H_{28}O_6$  Lariciresinol dimethyl ethers, 388.  
 $C_{22}H_{28}O_7$   $\alpha$ - and  $\beta$ -Kosins, 565.  
 Protokosin, 564.  
 $C_{22}H_{32}O_2$  Totaryl acetate, 518.  
 $C_{22}H_{39}N$  *p-n*-Octylamino-*n*-octylbenzene, 1122.

## 22 III

$C_{22}H_9O_2Br_2$  2:7-Dibromoanthanthrone, 1103.  
 $C_{22}H_{12}O_4Br_2$  6:6'-Dibromo-1:1'-dinaphthyl-2:2'-dicarboxylic acid, 1103.  
 $C_{22}H_{16}O_3N_2$  2:4:6-Triphenoxypyrimidine, 425.  
 $C_{22}H_{17}O_2Cl$  1'-Chloro-2'-keto-2-methoxy-1':2'-dihydrodi-1-naphthylmethane, 1935.  
 $C_{22}H_{17}O_2Br$  1'-Bromo-2'-keto-2-methoxy-1':2'-dihydrodi-1-naphthylmethane, 1835.  
 $C_{22}H_{17}O_2N$  Ethyl hydroxyphenylnaphthaquinolinecarboxylates, 867.  
 $C_{22}H_{18}O_2N_2$  2:3-Di-*p*-tolylxyquinoxaline, 425.  
 $C_{22}H_{18}O_2N_2$  2:3-Di-*p*-anisoxiquinoxaline, 425.  
 $C_{22}H_{19}ON$  Piperidinomesobenzanthrone, 1094.  
 $C_{22}H_{19}O_3N$  *N*-Benzoyl-2:4-dimethyldiphenylamine-2'-carboxylic acid, 1957.  
 $C_{22}H_{20}O_2N_4$  1-Keto-5:9-dimethoxytetrahydrophenanthrene 2:4-dinitrophenylhydrazone, 939.  
 $C_{22}H_{21}ON$  Acetyl-2:4-dibenzylaniline, 1125.  
 $C_{22}H_{22}O_2N_2$  4-Methoxy- $\omega$ -salicylaceto-phenone phenylhydrazone, 42.  
 $C_{22}H_{24}O_2N_4$  Anhydrogalactosazone diacetate, 1324.  
 Anhydroglucosazone diacetate, 1323.  
 $C_{22}H_{26}O_2N_9$  Dibenzoyl- $\epsilon$ -2:3:5:6-tetramethylpiperazine, 369.  
 Homopilopic acid di-*p*-toluidides, 1060.  
 $C_{22}H_{27}O_4N$  Bougainvilleidin, 452.  
 $C_{22}H_{28}O_6N_2$  1:10-Dimethyl-7-*isopropenyl*decal-2-ol 3:5-dinitrobenzoate, 1580.  
 $C_{22}H_{28}O_{10}N_2$  Glucosephenylhydrazone penta-acetate, 1324.  
 $C_{22}H_{33}O_2N$  Atisine, and its salts, 1642.

## 22 IV

$C_{22}H_{13}O_3N_2Cl_3$  2:4:6-Tri-*p*-chlorophenoxypyrimidine, 425.  
 $C_{22}H_{18}O_4NCl$  *N-p*-Methoxyphenylbenzimidino-*p*-chloro-*o*-carbomethoxyphenyl ether, 1958.  
 Methyl *N*-benzoyl-4-chloro-4'-methoxydiphenylamine-2-carboxylate, 1958.  
 $C_{22}H_{21}O_2N_2Cl$  7-Hydroxy-8-*isovaleryl*-4-methylcoumarin *o*-chlorobenzoylhydrazone, 278.  
 $C_{22}H_{30}O_2NCl$  Hydroxylaudanosine methochlorides, 428.  
 $C_{22}H_{30}O_5NI$  Hydroxylaudanosine methiodides, 428.

**C<sub>23</sub> Group.**

$C_{23}H_{14}O_3$  Methyl 7:8-benzomesobenzanthrone-4'-carboxylate, 1102.  
 $C_{23}H_{16}O_2$  6-Phenyl-2-styrylchromone, 772.  
 $C_{23}H_{18}O_3$  3-Acetoxy-9-methylcholanthrene, 1827.  
 $C_{23}H_{18}O_3$  2-Acetoxy-2-hydroxydi-1-naphthylmethane, 1935.  
 $C_{23}H_{20}O_7$  Dehydrosumatrol, 501.  
 $C_{23}H_{22}O_4$  Diacetyl-1-(2-hydroxy-3:5-dimethylbenzyl)-2-naphthol, 1351.  
 $C_{23}H_{22}O_5$  2:3-Diacetoxy-6-keto-7:7-diphenylbicyclo[3, 2, 0]heptane, 1839.  
 Ethyl 6-(3':4'-methylenedioxyphenyl)-4-*p*-tolyl- $\Delta^3$ -cyclohexen-2-one-1-carboxylate, 1804.  
 $C_{23}H_{22}O_7$  Dehydrodihydrosumatrol, 502.  
 Sumatrol, 497.  
 $C_{23}H_{24}O_7$  Dehydrotetrahydrosumatrol, 502.  
 Dihydrosumatrol, 502.  
 $C_{23}H_{24}O_9$  Sumatrollic acid, 502.  
 $C_{23}H_{26}O_4$  *p*-Phenylphenacyl 8-ketononoate, 723.  
 $C_{23}H_{26}O_7$  Tetrahydrosumatrol, 501.

- $C_{23}H_{26}O_8$  Ethyl  $\alpha\beta$ -diveratroylpropionate, 1647.  
 $C_{23}H_{26}O_9$  *allo*Dihydrotoxicarolic acid, 1541.  
 $C_{23}H_{44}O_5$  *aa'*-Didecain, 1412.

## 23 III

- $C_{23}H_{12}O_3Br_2$  Methyl dibromobenzomesobenzanthronecarboxylate, 1102.  
 $C_{23}H_{17}O_2N$  Benzoylphenyl-1-isoquinolylcarbinol, 1725.  
 $C_{23}H_{17}O_3Br$  1'-Bromo-2'-keto-2-acetoxy-1':2'-dihydrodi-1-naphthylmethane, 1935.  
 $C_{23}H_{17}O_5N_5$  Anisyl 2-quinolyl ketone 2:4-dinitrophenylhydrazone, 1725.  
 $C_{23}H_{16}O_6N_2$  4-Methyl-5-ethylpyrocatechol di-*p*-nitrobenzoate, 430.  
 $C_{23}H_{20}ON_2$  2-*p*-Dimethylaminoanilino-3-phenylindone, 112.  
 $C_{23}H_{21}O_2N$  *dl*- $\alpha$ -Phenyl- $\gamma$ -methylallyl *p*-xenyurethane, 215.  
 $C_{23}H_{21}O_3N$  Methyl *N*'-benzoyl-2:4-dimethyldiphenylamine-2'-carboxylate, 1957.  
 4-*m*-Xylylbenzimidino-2'-carbomethoxyphenyl ether, 1957.  
 $C_{23}H_{21}O_5Cl$  Ethyl 6-(6'-chloro-3':4'-methylenedioxyphenyl)-4-*p*-tolyl- $\Delta^3$ -cyclohexen-2-one, 1804.  
 $C_{23}H_{21}O_5Br$  Ethyl 6-(6'-bromo-3':4'-methylenedioxyphenyl)-4-*p*-tolyl- $\Delta^3$ -cyclohexen-2-one-1-carboxylate, 1804.  
 $C_{23}H_{22}O_4N_4$  Phenyltolylethylacetaldehyde 2:4-dinitrophenylhydrazones, 1757.  
*r-m*-Tolyl  $\alpha$ -phenylpropyl ketone 2:4-dinitrophenylhydrazone, 1759.  
 $C_{23}H_{22}O_5N_2$  Ethyl 2-carbethoxyindole-3-( $\alpha$ -benzamido)acrylate, 469.  
 $C_{23}H_{22}O_4Cl$  Ethyl 6-*m*-chloro-*p*-anisyl-4-*p*-tolyl- $\Delta^3$ -cyclohexen-2-one-1-carboxylate, 1804.  
 $C_{23}H_{22}O_4Br$  Ethyl 6-*m*-bromo-*p*-anisyl-4-*p*-tolyl- $\Delta^3$ -cyclohexen-2-one-1-carboxylate, 1804.  
 $C_{23}H_{23}O_7N$  Sumatrol oxime, 501.  
 Toxicarol oxime, 1540.  
 $C_{23}H_{23}N_4I$  1:1'-Diethyl- $\alpha\gamma$ -diaz-2:2'-carbocyanine iodide, 911.  
 $C_{23}H_{24}O_3N_2$  3':4'-Dimethoxy- $\omega$ -salicylacetophenone phenylhydrazone, 42.  
 $C_{23}H_{25}ON$  2-Dimethylamino-1-hydroxy-1:1:3-triphenylpropane, 856.  
 $C_{23}H_{25}N_3S$  *S*-(*p*-Diethylaminophenyl)-*NN'*-diphenylisothiocarbamide, 1633.  
 $C_{23}H_{26}O_6N_4$  *l*-Arabinosazone triacetate, 1323.  
*d*-Xylosazone triacetate, 1323.  
 $C_{23}H_{26}O_8S$  6-*p*-Toluenesulphonyl 3:5-benzylidene acetone glucose, 253.  
 $C_{23}H_{30}O_{16}N_2$  Fructosemethylphenylhydrazone penta-acetate, 1324.  
 Glucosemethylphenylhydrazone penta-acetate, 1325.  
 $C_{23}H_{30}O_{16}S_2$  2:3-Di-*p*-toluenesulphonyl 4:6-dimethyl  $\beta$ -methylglucoside, 1716.

## 23 IV

- $C_{23}H_{23}N_2IS$  2:1'-Diethylthia-2'-carbocyanine iodide, 910.  
 $C_{23}H_{28}O_3N_2S$  *d*-*o*-(2-Dimethylaminophenyl)phenyltrimethylammonium benzenesulphonate, 89.

 $C_{24}$  Group.

- $C_{24}H_{10}N_{16}$  Tetrapyrazinoporphyrazine, 921.  
 $C_{24}H_{14}O_2$  7:7'-Diacenaphthhenonyl, 1763.  
 $C_{24}H_{16}O_7$  7-Benzoyloxy-3':4'-methylenedioxyisoflavone-2-carboxylic acid, 807.  
 $C_{24}H_{21}O_7$  Dehydrodihydrotoxicarol methyl ether, 1540.  
 $C_{24}H_{26}O_4$  4:4'-Bis-(4-methyl-7:6-trimethylene-1:3-benzdioxinyl), 561.  
*p*-Phenylphenacyl  $\gamma$ -2-ketocyclohexylbutyrate, 821.  
 $C_{24}H_{26}O_4$  *p*-Phenylphenacyl 9-ketodecoate, 723.  
 $C_{24}H_{26}O_8$  Diformylisolariciresinol dimethyl ether, 1647.  
 $C_{24}H_{26}O_9$  Dihydrotoxicarolic acid methyl ether, 1540.  
 $C_{24}H_{30}O_5$  Anhydroisolariciresinol diethyl ether, 390.  
 Ethyl di(phenoxypropyl)acetoacetate, 724.  
 $C_{24}H_{32}O_6$  Lariciresinol diethyl ethers, 389.  
 $C_{24}H_{37}O_7$  *iso*Olivil diethyl ether, 273.  
 $C_{24}H_{32}N_2$  Diamino-4:4'-dicyclohexyldiphenyl, 1443.

## 24 III

- $C_{24}H_8N_{16}Cu$  Copper tetrapyrazinoporphyrazine, 921.  
 $C_{24}H_{16}O_4Br_2$  Methyl 6:6'-dibromo-1:1'-dinaphthyl-2:2'-dicarboxylate, 1103.  
 $C_{24}H_{16}O_2S_2$  Di-( $\beta$ -naphthyl)divinyl sulphide, 769.  
 $C_{24}H_{22}O_7N_4$  5-Hydroxy-7-benzoyloxy-2:2-dimethylchromanone 2:4-dinitrophenylhydrazone, 1539.  
 $C_{24}H_{24}O_4N_2$  Biscyclopentanone-2-carboxybenzidide, 810.  
 $C_{24}H_{26}O_{15}N_4$  *dl*-Menthan-1:3-diol 3:5-dinitrobenzoate, 238.  
 $C_{24}H_{27}ON$  2-Dimethylamino-1-hydroxy-1:1:3-triphenylbutane, 857.  
 $C_{24}H_{28}O_4N_2$  Dinitro-4:4'-dicyclohexyldiphenyl, 1442.  
 $C_{24}H_{28}O_6N_4$  *l*-Rhamnosazone triacetate, 1323.  
 $C_{24}H_{30}O_4N_4$  3-Keto- $\Delta^4$ -hexadecahydro-1:2-benzanthracene 2:4-dinitrophenylhydrazones, 826.

## 24 IV

- $C_{24}H_8N_8S_4Cu$  Copper tetra-2:3-thiophenoporphyrazine, 917.  
 $C_{24}H_{60}I_4P_4Ag_4$  Tetrakis(iodotriethylphosphine silver), 1831.  
 $C_{24}H_{60}I_4Ag_4As_4$  Tetrakis(iodotriethylarsinesilver), 1831.

**C<sub>25</sub> Group.**

- C<sub>25</sub>H<sub>22</sub>O<sub>8</sub>** Dehydrosumatrol acetate, 501.  
**C<sub>25</sub>H<sub>26</sub>O<sub>6</sub>** *β*-Veratryl-*β*-(2-benzyloxy-4-methoxyphenyl)propionic acid, 742.  
**C<sub>25</sub>H<sub>28</sub>O<sub>3</sub>** *p*-Phenylphenacyl *γ*-*Δ*<sup>1</sup>-cyclohexenyl-*α*-methylbutyrate, 822.  
*p*-Phenylphenacyl *γ*-(2-methyl-*Δ*<sup>1</sup>-cyclohexenyl)butyrate, 821.  
**C<sub>25</sub>H<sub>48</sub>O<sub>5</sub>** *aa'*-Diundecoin, 1412.

**25 III**

- C<sub>25</sub>H<sub>17</sub>O<sub>7</sub>N<sub>3</sub>** Methyl-1:2-benzanthracene picrates, 395.  
**C<sub>25</sub>H<sub>18</sub>O<sub>2</sub>Br<sub>2</sub>** Di-6-bromo-2-acetoxy-1-naphthylmethane, 1935.  
**C<sub>25</sub>H<sub>20</sub>N<sub>2</sub>S** *pp'*-Diphenylthiocarbamide, 1700.  
**C<sub>25</sub>H<sub>22</sub>ON<sub>2</sub>** Dehydro-1-(2'-hydroxy-3':5'-dimethylbenzyl)-2-naphthol phenylhydrazone, 1936.  
**C<sub>25</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** 2:4:6-Tri-*p*-tolylloxypyrimidine, 425.  
**C<sub>25</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** 2:4:6-Tri-*p*-anisoxypyrimidine, 425.  
**C<sub>25</sub>H<sub>22</sub>O<sub>8</sub>N<sub>8</sub>** *ω*-Aldehyde-*γ*-keto-*α*-phenyl-*Δ*<sup>α</sup>-hexene bis-2:4-dinitrophenylhydrazone, 302.  
**C<sub>25</sub>H<sub>23</sub>O<sub>2</sub>N** 4'-(*p*-Nitrobenzoyl)-4-cyclohexyldiphenyl, 1442.  
**C<sub>25</sub>H<sub>23</sub>ON** Benzamido-4-cyclohexyldiphenyls, 1441.  
**C<sub>25</sub>H<sub>22</sub>O<sub>6</sub>N<sub>4</sub>** Auroglaucin 2:4-dinitrophenylhydrazone, 84.  
**C<sub>25</sub>H<sub>26</sub>N<sub>2</sub>S** *S*-(*p*-Di-*n*-propylaminophenyl)-*NN'*-diphenylisothiocarbamide, 1633.  
**C<sub>25</sub>H<sub>32</sub>O<sub>6</sub>N<sub>4</sub>** Flavoglaucin 2:4-dinitrophenylhydrazone, 83.

**25 IV**

- C<sub>25</sub>H<sub>22</sub>O<sub>5</sub>NCl** Carboxymethylaminodihydroxy-4-phenylflavylium chloride, 455.  
**C<sub>25</sub>H<sub>37</sub>O<sub>2</sub>NS** *p*-Toluenesulphonyldodecylaniline, 1123.

**25 V**

- C<sub>25</sub>H<sub>22</sub>O<sub>2</sub>NSP** Triphenylphosphine-*p*-toluenesulphonylimine, 530.  
**C<sub>25</sub>H<sub>22</sub>O<sub>2</sub>NSAs** Triphenylarsine-*p*-toluenesulphonylimine, 535.

**25 VI**

- C<sub>25</sub>H<sub>19</sub>O<sub>2</sub>NCl<sub>3</sub>SP** Trichlorophenylphosphine-*p*-toluenesulphonylimines, 533.

**C<sub>26</sub> Group.**

- C<sub>26</sub>H<sub>14</sub>O<sub>4</sub>** Bis-3-dibenzfuran diketone, 779.  
**C<sub>26</sub>H<sub>16</sub>O<sub>4</sub>** 3-Dibenzfuroyl-3-dibenzfurylcarbinol, 779.  
**C<sub>26</sub>H<sub>16</sub>O<sub>5</sub>** Bis-3-dibenzfurylglycollic acid, 779.  
**C<sub>26</sub>H<sub>20</sub>N<sub>2</sub>** 1:4-Dibenzylphenazine, and its ferrichloride, 1703.  
**C<sub>26</sub>H<sub>22</sub>O<sub>6</sub>** *β*-Glucosidoxy-3:4-benzopyrene, 1828.  
**C<sub>26</sub>H<sub>22</sub>O<sub>8</sub>** 7-Veratroyloxy-3':4'-dimethoxyflavone, 742.  
**C<sub>26</sub>H<sub>22</sub>N<sub>4</sub>** *NN'*-Di-(*α*-aminobenzylidene)benzidine, 1644.  
**C<sub>26</sub>H<sub>25</sub>N<sub>4</sub>** 1:4-Bis-*p*-aminobenzyl-1:2:3:4-tetrahydrophenazine, 1703.

**26 III**

- C<sub>26</sub>H<sub>16</sub>O<sub>4</sub>N<sub>4</sub>** 1:4-Bis-*p*-nitrobenzylphenazine, 1703.  
**C<sub>26</sub>H<sub>18</sub>N<sub>2</sub>Cl<sub>2</sub>** Dibenzbenzidide di-imidochloride, 1644.  
**C<sub>26</sub>H<sub>21</sub>O<sub>4</sub>N** 4:4-Diphenacyl-2-methylhomophthalimide, 1314.  
**C<sub>26</sub>H<sub>22</sub>O<sub>6</sub>N<sub>2</sub>** Ethyl *αδ*-diphthalimido-*γ*-keto-*α*-carboxyvalerate, 1167.  
**C<sub>26</sub>H<sub>27</sub>O<sub>2</sub>N** Auroglaucin phenylurethane, 84.  
**C<sub>26</sub>H<sub>29</sub>ON** 2-Piperidino-1-hydroxy-1:1:3-triphenylpropane, 857.

**26 IV**

- C<sub>26</sub>H<sub>18</sub>O<sub>6</sub>N<sub>4</sub>Cu** Cupric salicylidenenitroanilines, 2002.  
**C<sub>26</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>Ni** Nickel salicylideneaniline, 2002.  
**C<sub>26</sub>H<sub>20</sub>O<sub>6</sub>N<sub>4</sub>Cu** Cupric salicylidene-*p*-nitrophenylhydrazone, 2002.  
**C<sub>26</sub>H<sub>22</sub>O<sub>2</sub>N<sub>4</sub>Cu** Cupric salicylidenephenylhydrazone, 2002.  
**C<sub>26</sub>H<sub>22</sub>O<sub>2</sub>N<sub>4</sub>Ni** Nickel salicylidenephenylhydrazone, 2003.  
**C<sub>26</sub>H<sub>22</sub>O<sub>7</sub>NCl** 4'-Carboxymethylamino-3:7-dihydroxy-5-benzoyloxyflavylium chloride, 454.

**26 V**

- C<sub>26</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>2</sub>Cu** Cupric salicylidenchloroanilines, 2002.  
**C<sub>26</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>Br<sub>2</sub>Cu** Cupric salicyliden-*p*-bromoaniline, 2002.

**C<sub>27</sub> Group.**

- C<sub>27</sub>H<sub>20</sub>O<sub>3</sub>** Phenyl-di-2-hydroxy-1-naphthylmethane, sodium salt, 1936.  
**C<sub>27</sub>H<sub>24</sub>O<sub>3</sub>** Piperonylidene-methyl *β*-9-fluorenyl-*β*-methyl-*n*-propyl ketone, 1742.  
**C<sub>27</sub>H<sub>26</sub>O<sub>6</sub>** 6-Trityl 2:3-dimethyl *l*-ascorbic acid, 833.  
**C<sub>27</sub>H<sub>26</sub>O<sub>7</sub>** Rottlerin, 748, 1862.  
**C<sub>27</sub>H<sub>28</sub>O<sub>9</sub>** Dehydrotetrahydrosumatrol diacetate, 502.  
**C<sub>27</sub>H<sub>30</sub>O<sub>7</sub>** Tetrahydrorottlerin, 1863.



- $C_{27}H_{32}O_{15}$  Butrin, and its lead salt, 1563.  
 $C_{27}H_{44}O_2$  3-Hydroxy-6-keto- $\Delta^4$ -cholestene, 804.  
 Substance, from cholestan-3:4-diol and lead tetra-acetate, 381.  
 $C_{27}H_{46}O_2$   $\Delta^{5,6}$ -Cholestene-3:4-diols, 379.  
 $C_{27}H_{46}O_3$  Cholestane-3:4-diol oxides, 380.  
 Dihydroxy-6-ketocholestanes, 805.  
 $C_{27}H_{48}O_2$  Cholestane-3:4-diols, 381.

## 27 III

- $C_{27}H_{16}O_2N$  3:3-Diphenylindanedione-2-anil oxides, 628.  
 $C_{27}H_{19}O_2N_3$  Nitrodehydrodi-2-hydroxy-1-naphthylmethane phenylhydrazone, 1934.  
 $C_{27}H_{23}O_3Br$  6-Bromopiperonylidene-methyl  $\beta$ -9-fluorenyl- $\beta$ -methyl-*n*-propyl ketone, 1742.  
 $C_{27}H_{24}N_6S_3$  1:2:4-Tris(phenylthiocarbamido)benzene, 1360.  
 $C_{27}H_{25}O_5Br$  *p*-Bromophenacyl 3:4-dihydroxy-2-benzhydryl-*cyclopentane*-1-carboxylates, 1839.  
 $C_{27}H_{26}O_2N_2$  Benzamido-9-benzoyl-6-methylhexahydrocarbazoles, 1129.  
 $C_{27}H_{33}O_{15}N$  Butrin oxime, 1563.  
 $C_{27}H_{46}O_2Br_2$  Cholestene-3:4-diol dibromides, 380.

## 27 IV

- $C_{27}H_{16}ON_2Br_2$  Dehydrodi-6-bromo-2-hydroxy-1-naphthylmethane phenylhydrazone, 1935.  
 $C_{27}H_{21}N_6Br_3S_3$  1:2:4-Tris-(4-bromophenylthiocarbamido)benzene, 1360.  
 $C_{27}H_{22}O_4N_8S_3$  *NN'*-Diphenylthiocarbamidobis-*p*-nitrophenylthiourea, 1362.  
 $C_{27}H_{36}O_6N_3S_3$  Tri-*p*-toluenesulphonyl-*N*- $\beta$ -aminoethyl-*N'*-ethylethylenediamine, 1470.

C<sub>28</sub> Group.

- $C_{28}H_{48}$  3-Methyl- $\Delta^3$ -cholestene, 419.  
 $C_{28}H_{50}$  3-Methylcholestane, 419.

## 28 II

- $C_{28}H_{14}N_{12}$  Tetra-2:3-pyridinoporphyrazine, 919.  
 $C_{28}H_{18}N_4$  *NN'*-Di-( $\alpha$ -cyanobenzylidene)benzidine, 1644  
 $C_{28}H_{22}N_2$  2:4:6-Tristyrylpyrimidine, 495.  
 $C_{28}H_{26}O_6$  Trityl trimethyl *l*-ascorbic acid, 823.  
 $C_{28}H_{32}O_{10}$  *iso*Lariciresinol tetra-acetate, 389.  
 $C_{28}H_{34}O_4$  Totaryl hydrogen phthalate, 518.  
 $C_{28}H_{34}O_{10}$  Triacetylkosins, 565.  
 $C_{28}H_{36}O_4$  *p*-Phenylphenacyl 8-hydroxy-8-methyltridecoate, 724.  
 $C_{28}H_{42}O_3$  Lumistadiene-3:6-dion-5-ol, 414.  
 $C_{28}H_{44}O$  Lumistadienone, 414.  
 $\alpha$ -Spinastadienone, 732.  
 $C_{28}H_{46}O_2$   $\alpha$ -Spinasterol oxide, 732.  
 $C_{28}H_{46}O_3$  3-Methylsarsasapogenin, 420.  
 $C_{28}H_{48}O$  Lumistanone, 413.  
 Lumistenol, 413.  
 $C_{28}H_{48}O_2$  3-Methoxycholestan-6-one, 408.  
 $C_{28}H_{48}O_4$  Lumistanedicarboxylic acid, 414.  
 $C_{28}H_{50}O$  *trans*-Cholestanyl methyl ether, 408.  
 3-Methylcholestan-3-ol, 419.  
 $C_{28}H_{50}O_3$  5:6-Dihydroxy-3-methoxycholestane, 1079.

## 28 III

- $C_{28}H_{24}O_6N_2$  2:2'-Dinitro-4:4'-dibenzoyloxydibenzyl, 1727.  
 $C_{28}H_{30}O_{15}N_4$  Tetra-acetylvanillin- $\beta$ -glucoside 2:4-dinitrophenylhydrazone, 494.  
 $C_{28}H_{34}O_8N_4$  Fructosemethylphenylosazone tetra-acetate, 1324.  
 $C_{28}H_{45}ON$  Lumistadienone oxime, 414.  
 $\alpha$ -Spinastadienone oxime, 732.  
 $C_{28}H_{47}ON_3$  Coprostenone semicarbazone, 384.  
 $C_{28}H_{47}O_3N$  6-Nitro-3-methoxy- $\Delta^5$ -cholestene, 408.  
 $C_{28}H_{48}ON$  Lumistanone oxime, 413.  
 $C_{28}H_{48}O_2N$  3-Methoxycholestan-6-one oxime, 408.  
 $C_{28}H_{56}N_4Au_4$  Di-*n*-propylcyanogold, constitution of, 1690.

## 28 IV

- $C_{28}H_{20}O_4N_2Ni_2$  Nickel salicylaldazine, 2003.  
 $C_{28}H_{24}O_2N_2Cu$  Cupric salicylidenetoluidines, 2002.  
 $C_{28}H_{24}O_2N_2Ni$  Nickel salicylidenetoluidines, 2002.  
 $C_{28}H_{24}O_4N_2Cu$  Cupric salicylideneanisidines, 2002.  
 $C_{28}H_{24}O_4N_2Ni$  Nickel salicylideneanisidines, 2002.  
 $C_{28}H_{32}O_4N_2S_2$  2:4-Dipiperidino-1:5-diphenylsulphonylbenzene, 248.

## 28 V

- $C_{28}H_{28}O_2NSP$  Tritolyphosphine-*p*-toluenesulphonylimines, 530.  
 $C_{28}H_{28}O_2NSAs$  Tritolyarsine-*p*-toluenesulphonylimines, 535.

- $C_{28}H_{28}O_5NSP$  Trianisylphosphine-*p*-toluenesulphonylimines, 531.  
 $C_{28}H_{30}O_3NSP$  Hydroxytritolylphosphine-*p*-toluenesulphonamide, 531.  
 $C_{28}H_{30}O_6NSP$  Hydroxytrianisylphosphine-*p*-toluenesulphonamide, 532.

**C<sub>29</sub> Group.**

- $C_{29}H_{26}O_5$  2:4'-Dibenzoyloxychalkone, 423.  
 $C_{29}H_{36}O_{15}$  *O*-Dimethylbutrin, 1564.  
 $C_{29}H_{46}O_3$  6-Keto-3-acetoxy- $\Delta^4$ -cholestene, 804.  
 $C_{29}H_{46}O_4$  6:7-Diketocholestanyl acetate, 805.  
 $C_{29}H_{48}O_3$  *cis*-4-Hydroxy-3-acetoxy- $\Delta^5$ -cholestene, 1080.  
 $C_{29}H_{56}O_5$   $\alpha\alpha'$ -Ditridecin, 1412.

**29 III**

- $C_{29}H_{24}O_2N_2$  3:3-Diphenylindanedione-2-*p*-dimethylaminoanil oxide, 628.  
 $C_{29}H_{26}ON_2$  3-Dibenzfuryl-*pp'*-bis(dimethylamino)diphenylmethane, 780.  
 $C_{29}H_{26}ON$  2-Dimethylamino-1-hydroxy-1:1:3:3-tetraphenylpropane, 857.  
 $C_{29}H_{42}O_2N_2$  *p*-Nitrobenzylideneaminocetylbenzene, 1124.  
 $C_{29}H_{47}O_3Br$  Bromo-6-ketocholestanyl acetates, 803.

**29 IV**

- $C_{29}H_{20}O_2N_6S_3$  3:5-Dithiocarbimido-1:1:7:7-tetraphenylthiocarbonyldiurea, 1361.  
 $C_{29}H_{45}O_2NS$  *p*-Toluenesulphonylcetylaniline, 1124.

**C<sub>30</sub> Group.**

- $C_{30}H_{22}O_6$  2:4'-Dibenzoyloxy-3'-methoxychalkone, 422.  
 $C_{30}H_{26}O_6$  Bis-(4'-hydroxy)flavpinacol, 423.  
 $C_{30}H_{26}O_8$  Bis-(7:4'-dihydroxy)flavpinacol, 424.  
 $C_{30}H_{26}O_{10}$  Bis(trihydroxy)flavpinacols, 424.  
 $C_{30}H_{30}N_4$  1:4-Bis-*p*-dimethylaminobenzylphenazine, 1703.  
 $C_{30}H_{34}O_6$  Morellins, 853.  
 $C_{30}H_{46}O_4$  3-Acetoxyergostadien-6-on-5-ol, 410.  
 3-Acetoxylumistadien-6-on-5-ol, 411.  
 $C_{30}H_{48}O_3$   $\alpha$ -Spinasteryl acetate oxide, 732.  
 $C_{30}H_{50}O$   $\alpha$ -Amyrenol, structure of, 249.  
 Basseol, 989.  
 $C_{30}H_{50}O_2$  Lumistenyl acetate, 413.  
 $iso$ Propylidenecholestene-3:4-diol, 380.  
 $C_{30}H_{50}O_3$  6-Acetoxy-3-methoxy- $\Delta^4$ -cholestene, 1080.  
 $C_{30}H_{50}O_4$  Methyl  $\Delta^5$ -cholestene-3:7-diol-7-acetate, 303.  
 $C_{30}H_{52}O_4$  Dimethyl lumistanedicarboxylate, 414.  
 5-Hydroxy-6-acetoxy-3-methoxycholestane, 1080.  
 $C_{30}H_{55}N$  *p*-Dodecylaminododecylbenzene, and its hydrochloride, 1123.

**30 III**

- $C_{30}H_{22}O_6S_4$  1:2:4:5-Tetraphenylsulphonylbenzene, 248.  
 $C_{30}H_{36}O_6N_2$  Morellin dioxime, 854.  
 $C_{30}H_{37}O_5N_5$  Ergosine, and its salts, 396.  
 Ergosinine, and its hydrochloride, 396.

**30 IV**

- $C_{30}H_{36}O_4N_2S_2$  2:4-Dipiperidino-1:5-di-*p*-tolylsulphonylbenzene, 248.

**C<sub>31</sub> Group.**

- $C_{31}H_{22}O_5$  7-Benzyloxy-3':4'-methylenedioxy-2-styrylisoflavone, 806.  
 $C_{31}H_{34}O_7$  Rottlerin tetramethyl ether, 1864.  
 $C_{31}H_{36}O_8$  Substance, from oxidation of rottlerin tetramethyl ether, 1864.  
 $C_{31}H_{38}O_7$  Tetrahydrorottlerin tetramethyl ether, 1864.  
 $C_{31}H_{40}O_{15}$  *O*-Diethylbutrin, 1564.  
 $C_{31}H_{48}O_4$  3-Acetoxy- $\Delta^5$ -cholestenyldiene-7-acetic acid, 304.  
 $C_{31}H_{50}O_4$  Cholestene-3:4-diol diacetates, 379.  
 3:6-Diacetoxy- $\Delta^4$ -cholestene, 804.  
 $C_{31}H_{50}O_5$  Cholestane-3:4-diol oxide diacetates, 380.  
 $C_{31}H_{52}O_4$  Cholestane-3:4-diol diacetates, 381.  
 $C_{31}H_{52}O_{14}$  Methyl tetramethoxyacetyldihydrochaulmoograte, 959.

**31 III**

- $C_{31}H_{37}O_7N_5$  Morellin nitroguanylhyazone, 854.

**C<sub>32</sub> Group.**

- C<sub>32</sub>H<sub>30</sub>O<sub>8</sub>** Bis-(4'-hydroxy-3'-methoxy)flavpinacol, 422.  
**C<sub>32</sub>H<sub>30</sub>O<sub>10</sub>** Bis-(7:4'-dihydroxy-3'-methoxy)flavpinacol, 423.  
**C<sub>32</sub>H<sub>30</sub>O<sub>12</sub>** Bis(trihydroxy-3'-methoxy)flavpinacols, 423.  
**C<sub>32</sub>H<sub>36</sub>O<sub>6</sub>** Morellin dimethyl ether, 855.  
**C<sub>32</sub>H<sub>50</sub>O<sub>2</sub>** Dehydro- $\alpha$ -amyrenol acetate, 251.  
**C<sub>32</sub>H<sub>50</sub>O<sub>3</sub>** Dehydro- $\alpha$ -amyrenyl acetate oxide, 251.  
**C<sub>32</sub>H<sub>52</sub>O<sub>2</sub>** Basseol acetate, 990.  
**C<sub>32</sub>H<sub>52</sub>O<sub>5</sub>** Methyl 3-acetoxy- $\Delta^5$ -cholesten-7-ol-7-acetate, 303.  
**C<sub>32</sub>H<sub>54</sub>O<sub>2</sub>** Bassenyl acetate, 991.

**32 III**

- C<sub>32</sub>H<sub>16</sub>N<sub>8</sub>Ni** Nickel phthalocyanine, structure of, 219.

**C<sub>33</sub> Group.**

- C<sub>33</sub>H<sub>40</sub>O<sub>6</sub>** Morellin trimethyl ether, 855.  
**C<sub>33</sub>H<sub>64</sub>O<sub>5</sub>**  $\alpha\alpha'$ -Dipentadecoin, 1413.

**33 III**

- C<sub>33</sub>H<sub>48</sub>O<sub>4</sub>N<sub>4</sub>** Coprostenone 2:4-dinitrophenylhydrazone, 384.

**C<sub>34</sub> Group.**

- C<sub>34</sub>H<sub>30</sub>O<sub>10</sub>** 4'-O-Tetra-acetyl- $\beta$ -glucosidoxy-3:4-benzpyrene, 1828.  
**C<sub>34</sub>H<sub>30</sub>N<sub>4</sub>** *NN'*-Di-( $\alpha$ -methylanilino benzylidene)-*p*-phenylenediamine, and its picrate, 1644.  
**C<sub>34</sub>H<sub>50</sub>O<sub>3</sub>** *cis*-Cholestene-3:4-diol 3-benzoate, 380.  
**C<sub>34</sub>H<sub>66</sub>O<sub>3</sub>** 13-Ketotetatriacontanoic acid, 1001.  
**C<sub>34</sub>H<sub>66</sub>O<sub>2</sub>** *n*-Tetatriacontanoic acid, 1001.  
**C<sub>34</sub>H<sub>68</sub>O<sub>3</sub>**  $\alpha$ -Hydroxytetatriacontanoic acid, 1002.

**34 III**

- C<sub>34</sub>H<sub>26</sub>O<sub>4</sub>N<sub>4</sub>** 4:4'-Dimethoxydiphenylene-3:3'-bisazo- $\beta$ -naphthol, 38.  
**C<sub>34</sub>H<sub>30</sub>O<sub>8</sub>S<sub>4</sub>** 1:2:4:5-Tetra-*p*-tolylsulphonylbenzene, 248.  
**C<sub>34</sub>H<sub>40</sub>O<sub>13</sub>N<sub>4</sub>** Anhydromaltose phenylosazone penta-acetates, 1323.  
**C<sub>34</sub>H<sub>67</sub>OCl** Tetatriacontanoyl chloride, 1002.  
**C<sub>34</sub>H<sub>67</sub>O<sub>2</sub>Br**  $\alpha$ -Bromotetatriacontanoic acid, 1001.

**34 IV**

- C<sub>34</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>Cu** Cupric salicylidenenaphthylamines, 2002.  
**C<sub>34</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>Ni** Nickel salicylidenenaphthylamines, 2002.  
**C<sub>34</sub>H<sub>26</sub>O<sub>2</sub>N<sub>4</sub>S<sub>2</sub>** 4:4'-Dimethylthioldiphenylene-3:3'-bisazo- $\beta$ -naphthol, 38.  
**C<sub>34</sub>H<sub>42</sub>O<sub>4</sub>N<sub>4</sub>S<sub>2</sub>** *NN'*-Bis-( $\beta$ -*p*-toluenesulphonbenzylamidoethyl)ethylenediamine, hydrochloride of 1470.

**C<sub>35</sub> Group.**

- C<sub>35</sub>H<sub>34</sub>O<sub>10</sub>** 3-O-Tetra-acetyl- $\beta$ -glucosidoxy-9-methylcholanthrene, 1828.  
**C<sub>35</sub>H<sub>50</sub>O<sub>2</sub>**  $\alpha$ -Spinasteryl benzoate, 732.  
**C<sub>35</sub>H<sub>54</sub>O<sub>4</sub>** 5-Hydroxy-6-benzoyloxy-3-methoxycholestane, 1079.

**35 III**

- C<sub>35</sub>H<sub>32</sub>O<sub>11</sub>S** 2-*p*-Toluenesulphonyl 3:5:6-tribenzoyl  $\beta$ -methylglucofuranoside, 253.  
**C<sub>35</sub>H<sub>53</sub>ON<sub>3</sub>** Coprostenone *o*-tolylsemicarbazone, 382.

**C<sub>36</sub> Group.**

- C<sub>36</sub>H<sub>24</sub>O<sub>7</sub>** 2:4:4'-Tribenzoyloxychalkone, 423.  
**C<sub>36</sub>H<sub>26</sub>O<sub>8</sub>** 2:4:4'-Tribenzoyloxy-3'-methoxychalkone, 422.  
**C<sub>36</sub>H<sub>28</sub>O<sub>3</sub>** Phenacylidenedeoxybenzoin, 846.  
**C<sub>36</sub>H<sub>34</sub>N<sub>4</sub>** Di-( $\alpha$ -methyl-*o*-toluidino benzylidene)-*p*-phenylenediamine, and its picrate, 1644.  
**C<sub>36</sub>H<sub>50</sub>O<sub>4</sub>** 3-Benzoyloxy-6-acetoxy- $\Delta^4$ -cholestene, 1079.  
 Cholestenediol 3-benzoate-4-acetates, 380.  
**C<sub>36</sub>H<sub>54</sub>O<sub>5</sub>** 5-Hydroxy-3-benzoyloxy-6-acetoxycholestane, 1079.  
**C<sub>36</sub>H<sub>70</sub>O<sub>3</sub>** Ethyl 13-ketotetatriacontanoate, 1001.  
**C<sub>36</sub>H<sub>72</sub>O<sub>2</sub>** Ethyl *n*-tetatriacontanoate, 1001.  
*n*-Hexatriacontanoic acid, 1003.

**36 III**

- C<sub>36</sub>H<sub>26</sub>O<sub>3</sub>Cl<sub>2</sub>** Phenacylidenedi(chlorodeoxybenzoin), 846.  
**C<sub>36</sub>H<sub>26</sub>O<sub>3</sub>Br<sub>2</sub>** Phenacylidenedi-(4-bromodeoxybenzoin), 847.  
**C<sub>36</sub>H<sub>27</sub>O<sub>3</sub>Br** *p*-Bromophenacylidenedeoxybenzoin, 847.  
**C<sub>36</sub>H<sub>27</sub>O<sub>3</sub>N** *p*-Aminophenacylidenedeoxybenzoin, 847.  
**C<sub>36</sub>H<sub>30</sub>O<sub>8</sub>N<sub>8</sub>** Bis-2-nitrobenzeneazocyclopentanone-2-carboxybenzidide, 812.  
**C<sub>36</sub>H<sub>38</sub>O<sub>6</sub>N<sub>2</sub>** Protocuridine, and its hydrochloride, 1478.  
*neo*Protocuridine, and its hydrochloride, 1479.

## 36 IV

$C_{36}H_{64}I_4P_4Ag_4$  Tetrakis(iodotri-*n*-propylphosphinesilver), 1831.  
 $C_{36}H_{84}I_4Ag_4As_4$  Tetrakis(iodotri-*n*-propylarsinesilver), 1831.

**C<sub>37</sub> Group.**

$C_{37}H_{30}O_3$  *p*-Methylphenacylidenedideoxybenzoins, 847.  
 $C_{37}H_{30}O_4$  *p*-Methoxyphenacylidenedideoxybenzoins, 847.  
 $C_{37}H_{52}O_2$  Dehydro- $\alpha$ -amyrenol benzoate, 251.  
 $C_{37}H_{54}O_5$  Methyl 3-benzoyloxy- $\Delta^6$ -cholesten-7-ol-7-acetate, 303.  
 $C_{37}H_{56}O_2$  Bassenyl benzoate, 991.  
 $C_{37}H_{72}O_5$   $\alpha\alpha'$ -Diheptadecoin, 1413.

## 37 III

$C_{37}H_{30}N_3Cl$  *NNN'*-Triphenylpararosaniline hydrochloride, 1632.

**C<sub>38</sub> Group.**

$C_{38}H_{32}O_3$  Phenacylidenedi(methyldeoxybenzoins), 846.  
 $C_{38}H_{32}O_5$  Phenacylidenedi(4-methoxydeoxybenzoins), 846.  
 $C_{38}H_{36}N_4$  Di-( $\alpha$ -ethyl-*o*-toluidinobenzylidene)-*p*-phenylenediamine, and its picrate, 1644.  
 $C_{38}H_{44}O_{10}$  Morellin tetra-acetate, 854.  
 $C_{38}H_{71}N$  *p*-Cetylaminocetylbenzene, 1124.  
 $C_{38}H_{76}O_2$  *n*-Octatriacontanoic acid, 1003.

## 38 III

$C_{38}H_{28}N_4Cl_2$  *NN'*-Di-( $\alpha$ -*o*-chloroanilinobenzylidene)benzidine, and its picrate, 1644.  
 $C_{38}H_{46}O_{16}N_4$  Lactose phenylosazone hepta-acetate, 1322.  
 Maltose phenylosazone hepta-acetate, 1323.  
 $C_{38}H_{70}ON_2$  *p*-Cetylphenylecetylnitrosoamine, 1124.

**C<sub>40</sub> Group.**

$C_{40}H_{34}N_4$  Di-( $\alpha$ -methylanilinobenzylidene)benzidine, and its picrate, 1644.  
 $C_{40}H_{80}O_2$  Ethyl octatriacontanoate, 1003.

## 40 III

$C_{40}H_{36}N_3Cl$  *NNN'*-Triphenyl-*NN'*-trimethylpararosaniline hydrochloride, 1634.  
 $C_{40}H_{46}O_{13}N_4$  Anhydrolactose phenylosazone penta-acetate, 1322.  
 $C_{40}H_{72}ON$  *n*-Tetratriacontananilide, 1001.

## 40 IV

$C_{40}H_{48}O_6N_2I_2$  *O*-Methylprotocuridine methiodide, 1479.  
*O*-Methyl*neo*protocuridine methiodide, 1479.

**C<sub>41</sub> Group.**

$C_{41}H_{42}O_6$  Lariciresinol dimethyl triphenylmethyl ether, 1647.  
 $C_{41}H_{54}O_4$  Cholestenediol dibenzoates, 380.  
 3:6-Dibenzoyloxy- $\Delta^4$ -cholestene, 804, 1079.  
 $C_{41}H_{54}O_5$  3:7-Dibenzoyloxy-6-ketocholestane, 805.

## 41 III

$C_{41}H_{50}O_{12}N_4$  *cis*-Cholestenediol bis-3:5-dinitrobenzoate, 380.

## 41 IV

$C_{41}H_{34}O_2N_8S_3$  3:5-Bis(phenylthiocarbamido)-1:1:7:7-tetraphenylthiocarbonyldiurea, 1361.

**C<sub>42</sub> Group.**

$C_{42}H_{38}N_4$  Di-( $\alpha$ -ethylanilinobenzylidene)benzidine, and its picrate, 1644.

## 42 III

$C_{42}H_{44}O_3P_2$  Tritolylphosphine oxides, 530.

**C<sub>43</sub> Group.**

$C_{43}H_{28}O_9$  Tetrabenzoyloxychalkones, 424.

**C<sub>44</sub> Group.**

$C_{44}H_{30}O_{10}$  Tetrabenzoyloxy-3'-methoxychalkones, 423.  
 $C_{44}H_{42}N_4$  Di-( $\alpha$ -ethyltoluidinobenzylidene)benzidines, 1644.

**C<sub>46</sub> Group.**

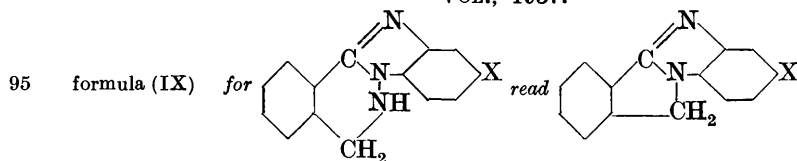
$C_{46}H_{38}N_4$  Di-( $\alpha$ -benzylanilinobenzylidene)-*m*-phenylenediamine, 1644.  
 Di-( $\alpha$ -benzylanilinobenzylidene)-*p*-phenylenediamine, and its picrate, 1644.  
 $C_{46}H_{90}O_3$  13-Ketohexatetracontanoic acid, 1004.  
 $C_{46}H_{92}O_2$  Hexatetracontanoic acid, 1004.

- C<sub>47</sub>H<sub>62</sub>O<sub>26</sub>** Deca-acetylbutrin, 1563. **C<sub>47</sub> Group.**
- C<sub>48</sub>H<sub>94</sub>O<sub>8</sub>** Ethyl 13-ketohexatetracontanoate, 1004. **C<sub>48</sub> Group.**  
**C<sub>48</sub>H<sub>98</sub>O<sub>2</sub>** Ethyl hexatetracontanoate, 1004.
- 48 IV**  
**C<sub>48</sub>H<sub>108</sub>I<sub>4</sub>P<sub>4</sub>Ag<sub>4</sub>** Tetrakis(iodotri-*n*-butylphosphinesilver), 1831.
- C<sub>50</sub>H<sub>98</sub>N<sub>4</sub>** Di-( $\alpha$ -diphenylaminobenzylidene)benzidine, and its picrate, 1644. **C<sub>50</sub> Group.**
- C<sub>52</sub>H<sub>42</sub>N<sub>4</sub>** Di-( $\alpha$ -benzylanilino benzylidene)benzidine, and its picrate, 1644. **C<sub>52</sub> Group.**
- 52 IV**  
**C<sub>52</sub>H<sub>36</sub>O<sub>4</sub>N<sub>4</sub>Ni<sub>2</sub>** Nickel disalicylidenebenzidine, 2003.
- C<sub>53</sub>H<sub>100</sub>O<sub>6</sub>** Ethyl  $\alpha$ -acetyl- $\alpha$ -tetratriacontanoylbrassylate, 1004. **C<sub>53</sub> Group.**
- C<sub>55</sub>H<sub>45</sub>ON<sub>3</sub>** Hexaphenyltriaminotriphenylcarbinol, 1634. **C<sub>55</sub> Group.**  
**C<sub>55</sub>H<sub>44</sub>O<sub>27</sub>N<sub>4</sub>** Tetra-*p*-nitrobenzoylbutrin, 1503.
- C<sub>57</sub>H<sub>65</sub>O<sub>6</sub>N<sub>3</sub>S<sub>3</sub>P<sub>2</sub>** *NN*-Bis-(*p*-toluenesulphonamidotriphenylphosphine)-*p*-toluenesulphonamide, 530. **C<sub>57</sub> Group.**
- C<sub>64</sub>H<sub>42</sub>N<sub>8</sub>** Octaphenylporphyrazine, 932. **C<sub>64</sub> Group.**
- 64 III**  
**C<sub>64</sub>H<sub>40</sub>N<sub>8</sub>Cu** Copper octaphenylporphyrazine, 932.  
**C<sub>64</sub>H<sub>40</sub>N<sub>8</sub>Mg** Magnesium octaphenylporphyrazine, 931.
- 64 IV**  
**C<sub>64</sub>H<sub>32</sub>O<sub>16</sub>N<sub>8</sub>Mg** Magnesium octa-*p*-nitrophenylporphyrazine, 932.  
**C<sub>64</sub>H<sub>32</sub>N<sub>8</sub>ClCu** Copper chloro-octaphenylporphyrazine, 932.
- C<sub>66</sub>H<sub>134</sub>** *n*-Hexahexacontane, 1002. **C<sub>66</sub> Group.**
- C<sub>67</sub>H<sub>136</sub>** *n*-Heptahexacontane, 1002. **C<sub>67</sub> Group.**
- C<sub>80</sub>H<sub>72</sub>O<sub>24</sub>** Nonabenzoylbutrin, 1563. **C<sub>80</sub> Group.**

ERRATA.  
VOL., 1936.

Page.	Line.	
1844	6*	for "acid" read "alkaline."
1846	31	for "dissolved" read "suspended."

## VOL., 1937.



521 8 for "isomeric oximes" read "isomeric 3-halogenonitrosophenols."

## VOL., 1937.

39	2*	for "-hydroxy-" read "-amino."
1312	9—8*	for "3:4-dimethoxyphenyl or 3:4-methylenedioxyphenyl" read "3:4-dimethoxybenzyl or 3:4-methylenedioxybenzyl."
1576	24	for "F. C. McQUILLIN" read "F. J. McQUILLIN."