

## 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.

**CHN** Hydrocyanic acid, tetrapolymer, 492.

**CH<sub>3</sub>N** Methylamine, thermal decomposition of, 501.

#### 1 III

**CH<sub>3</sub>NSi<sub>2</sub>** Methylsilylamine, preparation and properties of, 819.

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

**C<sub>2</sub>Cl<sub>4</sub>** Perchloroethylene, stabilisation of, for medicinal purposes, 768.

**C<sub>2</sub>D<sub>2</sub>** Dideuteracetylene, polymerisation of, 429.

#### 2 II

**C<sub>2</sub>H<sub>2</sub>O<sub>2</sub>** Glyoxal, combustion zones of, 1703.

**C<sub>2</sub>H<sub>4</sub>O** Acetaldehyde, combustion zones of, 1703.

**C<sub>2</sub>H<sub>6</sub>S** Ethylthiol, equilibrium constant for isotopic hydrogen exchange in aqueous mixtures of, 61.

**C<sub>2</sub>H<sub>7</sub>N** Dimethylamine, thermal decomposition of, 499.

#### 2 III

**C<sub>2</sub>H<sub>5</sub>ND<sub>2</sub>** Ethyldideuteramine, preparation and properties of, 41.

**C<sub>2</sub>H<sub>5</sub>SD** Ethyldeuteriothiol, Raman spectrum and vapour pressure of, 61.

**C<sub>2</sub>H<sub>6</sub>ON<sub>2</sub>** Dimethylnitrosoamine, photolysis of, 12.

**C<sub>2</sub>H<sub>6</sub>ND** Dimethyldeuteramine, preparation and properties of, 41.

**C<sub>2</sub>H<sub>6</sub>Br<sub>2</sub>Au<sub>2</sub>** Methylsilylgold, 766.

**C<sub>2</sub>H<sub>4</sub>ON** Acetaldehydeammonia, decomposition of, in acid solution, 968.

**C<sub>2</sub>H<sub>6</sub>NSi** Dimethylsilylamine, preparation of, 821.

**C<sub>2</sub>H<sub>11</sub>NSi<sub>2</sub>** Ethyldisilylamine, preparation and properties of, 820.

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

**C<sub>3</sub>H<sub>8</sub>** Propane, inflammation of, in air, 344.

#### 3 II

**C<sub>3</sub>H<sub>4</sub>O** Acetaldehyde, combustion zones of, 1703.

**C<sub>3</sub>H<sub>6</sub>O** Acetone, bromination of, 1353, 1573; vapour pressure of, effect of alcohols on, 1135.

Propaldehyde, combustion zones of, 1703.

**C<sub>3</sub>H<sub>6</sub>O<sub>3</sub>** Methyl carbonate, dipole moment and structure of, 1118.

**C<sub>3</sub>H<sub>7</sub>Br** Propyl bromides, exchange reactions of, with bromine, 1836.

**C<sub>3</sub>H<sub>9</sub>N** Trimethylamine, thermal decomposition of, 496.

#### 3 IV

**C<sub>3</sub>H<sub>12</sub>NCISi** Trimethylsilylammonium chloride, preparation and properties of, 821.

### C<sub>4</sub> Group.

**C<sub>4</sub>H<sub>10</sub>** Butane, inflammation of, in air, 344.

#### 4 II

**C<sub>4</sub>H<sub>2</sub>O<sub>3</sub>** Maleic anhydride, reaction of, with thiosemicarbazones, 1048.

**C<sub>4</sub>H<sub>4</sub>O<sub>2</sub>** 2- and 3-Hydroxyfurans, 806.

**C<sub>4</sub>H<sub>6</sub>O** Butaldehydes, combustion zones of, 1703.

**C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>** Butyric acid, equilibrium of, with sodium chloride and water, 742.

- $C_4H_8O_2$  *iso*Butyric acid, equilibrium of, with potassium *isobutyrate* or sodium chloride and water, 742.  
 $C_4H_8O_4$  Glycollaldehyde, dimeric, depolymerisation of, 1777.  
 $C_4H_9Br$  *n*-Butyl bromide, exchange reaction of bromine with, 1279.  
 $C_4H_9Br$  *iso*Butyl bromide, exchange reaction of, with bromine, 1836.  
 $C_4H_{10}O$  Diethyl ether, inflammation of mixtures of, with air, 332, 337.

## 4 III

- $C_4H_3O_2Br$  2-Bromo-3-hydroxyfuran, 808.  
 $C_4H_3O_3N$  Nitrosohydroxyfurans, 1014.  
 $C_4H_3O_4N$  Nitrohydroxyfurans, 1014.  
 $C_4H_5O_2N$  Aminohydroxyfurans, 1014.  
 $C_4H_{10}ON_2$  Diethylnitrosoamine, photolysis of, 12.  
 $C_4H_{10}O_2N_2$  *d*- $\alpha$ -Diamino-*n*-butyric acid, 1565.  
 $C_4H_{12}Br_2Au_2$  Dimethylbromogold, 766.  
 $C_4H_{12}I_2Au_2$  Dimethyliodogold, 765.

## 4 IV

- $C_4H_{12}N_2Cl_2Pd$  *iso*Butylenediaminodichloropalladium, 1757.  
 $C_4H_{14}N_2IAu$  Ethylenediaminodimethylgold iodide, 765.

## 4 V

- $C_2H_5O_3ClSHg$  Chloromercuric  $\beta$ -ethoxyethanesulphinic acid, 1067.

C<sub>5</sub> Group.

- $C_5H_6$  *cyclo*Pentadiene, association of, 381; explosive decomposition of, 1770; polymerisation of, 1761; solubility of, in paraffin, 371.

## 5 II

- $C_5H_6O_4$  *cis*- and *trans*-Glutaconic acids, exchange reactions of, with deuterium oxide, 1673.  
 $C_5H_8O_4$  Ethyl hydrogen malonate, potassium salt, electrolysis of, in ethylene glycol, 1109.  
 $C_5H_{10}O_3$  Ethyl carbonate, dipole moment and structure of, 1118.  
 $C_5H_{12}O$  *n*-Amyl alcohol, equilibrium constant for isotopic hydrogen exchange in aqueous mixtures of, 61.  
 $C_5H_{13}N$  Methyl-*n*-butylamine, hydrochloride of, 1789.

## 5 III

- $C_5H_7NCl$  4-Chloropyridine, picrate of, 877.  
 $C_5H_7NS$  5-Cyano-4-methylthiazole, and its hydrochloride, 445.  
 $C_5H_5ON$  4-Pyridone, picrate of, 877.  
 $C_5H_5NS$  4-Thiopyridone, and its picrate, 875.  
 $C_5H_7NS$  4-Methylthiopyridine, and its salts, 875.  
 $C_5H_{11}OD$  *n*-Amyl deuterolcohol, Raman spectrum and vapour pressure of, 61.

## 5 IV

- $C_5H_5ONS$  4-Methylthiazole-5-aldehyde, 445.  
 $C_5H_5O_3NS$  Pyridine-4-sulphonic acid, ammonium and sodium salts, 876.  
 $C_5H_6ON_2S$  4-Methylthiazole-5-carboxamide, 445.

C<sub>6</sub> Group.

- $C_6H_{12}$  Hexane, inflammation of, in air and in oxygen, 343.

## 6 II

- $C_6H_4O_2$  *cyclo*Pentadiene- $\alpha$ -naphthaquinone, decomposition of, 375.  
 $C_6H_{10}O_2$  *tert*-Butylglyoxal, hemihydrate of, 261.  
 $C_6H_{10}O_4$  Ethyl  $\alpha$ -formoxypropionate, 103.  
 $C_6H_{10}O_7$  *d*-Galacturonic acid, preparation of, 1531.  
 $C_6H_{10}O_7$  *d*-Glucuronic acid, synthesis of, 1529.  
 $C_6H_{11}Cl$   $\alpha$ -Dimethylallyl chloride, hydrolysis of, 1748.  
 $C_6H_{12}O_6$  *d*-Glucose, conversion of, into *d*-idose, 1069.  
 $C_6H_{15}N$  Dimethyl-*n*-butylamine, salts of, 1789.

## 6 III

- $C_6H_4NCl_3$   $\omega$ -Trichloro- $\alpha$ -picoline, 781.  
 $C_6H_4Cl_4As_2$  *o*-Phenylenediarsine tetrachloride, 612.  
 $C_6H_5ON_2$  Nitrobenzene, sulphonation of, by sulphur trioxide, 1372.  
 $C_6H_5NCl_2$   $\omega$ -Dichloro- $\alpha$ -picoline, 782.  
 $C_6H_5O_3N_4$  Methyluric acids, 1371.  
 $C_6H_5O_3S$  5-Hydroxy-2-methylthiophen-3-carboxylic acid, 1117.  
 $C_6H_6N_5Cl$  2-Chloro-6-amino-9-methylpurine, 1786.  
 $C_6H_7ON_5$  9-Methylisoguanine, 1786.  
 $C_6H_{10}N_5S$   $\beta$ -(4-Methylthiazole-5)-ethylamine, dihydrochloride of, 446.  
 $C_6H_{12}ON_2$  *tert*-Butylglyoxalhydrazone, 261.  
 $C_6H_{14}O_2N_3$  *dl*-Lysine, and its dipicrate, 1566.  
 $C_6H_{15}N_3I_2$  *NN'*-Trimethyltrimethylenetriamine diiodide, 1789.

## 6 IV

- C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N<sub>2</sub>S** 3-Nitro-4-hydroxybenzenesulphonamide, 609.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>NS** 4-Methylsulphonylpyridine, 875.  
**C<sub>6</sub>H<sub>7</sub>O<sub>2</sub>NS** *p*-Hydroxybenzenesulphonamide, and its sodium salt, 609.  
**C<sub>6</sub>H<sub>7</sub>O<sub>2</sub>N<sub>2</sub>S** 3-Nitro-4-aminobenzenesulphonamide, 609.  
**C<sub>6</sub>H<sub>8</sub>ON<sub>2</sub>S** 4-Methylthiazole-5-aldehyde semicarbazone, 445.  
**C<sub>6</sub>H<sub>8</sub>O<sub>2</sub>NP** Phenylphosphoamide, barium salt, 914.  
**C<sub>6</sub>H<sub>8</sub>O<sub>2</sub>N<sub>2</sub>S** 3-Amino-4-hydroxybenzenesulphonamide, 609.  
**C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>BrTe** Ethyldimethyltelluretine bromide, 166.  
**C<sub>6</sub>H<sub>20</sub>N<sub>2</sub>I<sub>2</sub>Au<sub>2</sub>** Ethylenediaminotetramethyldi-iododigold, 766.

C<sub>7</sub> Group.

- C<sub>7</sub>H<sub>14</sub>** Methylcyclohexane, structure and physical properties of, 1862.

## 7 II

- C<sub>7</sub>H<sub>6</sub>O<sub>4</sub>** 2-Hydroxy-5-methoxybenzoquinone, 1453.  
**C<sub>7</sub>H<sub>6</sub>O<sub>5</sub>** 2:5-Dihydroxy-3-methoxybenzoquinone, and its bismethylamine salt, 1454.  
**C<sub>7</sub>H<sub>8</sub>O<sub>4</sub>** 1:2:4-Trihydroxy-5-methoxybenzene, 1453.  
**C<sub>7</sub>H<sub>10</sub>O<sub>6</sub>** 3-Methyl *d*-araboascorbic acid, 248.  
**C<sub>7</sub>H<sub>12</sub>O<sub>4</sub>** Methylated araban, 458.  
**C<sub>7</sub>H<sub>15</sub>O<sub>5</sub>** Triacetyl 6-tosyl  $\beta$ -methyl-*d*-galactoside, 1848.  
**C<sub>7</sub>H<sub>15</sub>N** 1-Azabicyclo[1:2:3]octane, and its salts, 678.  
**C<sub>7</sub>H<sub>14</sub>O<sub>5</sub>** 2:3-Dimethyl *l*-arabinose, 754.  
 2:5-Dimethyl *l*-arabinose, 751.

## 7 III

- C<sub>7</sub>H<sub>4</sub>N<sub>2</sub>Cl** *o*-Chlorobenzenediazocyanides, 1802.  
**C<sub>7</sub>H<sub>8</sub>O<sub>2</sub>S** 5-Methoxy-2-methylthiophen-3-carboxylic acid, 1117.  
**C<sub>7</sub>H<sub>10</sub>O<sub>2</sub>S<sub>2</sub>** Ethyl 1:3-dithian-5-one-4-carboxylate, 348.  
**C<sub>7</sub>H<sub>10</sub>O<sub>14</sub>N<sub>4</sub>**  $\beta$ -Methylgalactoside 2:3:4:6-tetranitrate, 1870.  
**C<sub>7</sub>H<sub>10</sub>O<sub>10</sub>N<sub>2</sub>**  $\beta$ -Methylgalactoside 2:6-dinitrate, 1870.  
**C<sub>7</sub>H<sub>10</sub>O<sub>2</sub>Au** Dimethylgoldacetylacetone, 766.  
**C<sub>7</sub>H<sub>11</sub>O<sub>5</sub>N<sub>2</sub>**  $\alpha$ -Hydroxy- $\beta\gamma$ -dimethoxy-*l*-araboglutaramide, 755.  
 $\beta$ -Hydroxy- $\alpha\gamma$ -dimethoxy-*d*-araboglutaramide, 753.  
 $\beta$ -Hydroxy- $\alpha\gamma$ -dimethoxy-*l*-araboglutaridamide, 750.  
**C<sub>7</sub>H<sub>11</sub>O<sub>5</sub>N** 2:4-Dimethyl *d*-arabonamide, 753.  
 2:5-Dimethyl *l*-arabonamide, 751.  
 2:5-Dimethyl *l*-arabonophenylhydrazide, 751.  
 $\alpha$ -Methylglucosaminide, hydrochloride of, 125.  
**C<sub>7</sub>H<sub>16</sub>NBr<sub>2</sub>** 3- $\beta$ -Bromoethylpiperidine hydrobromide, 678.  
**C<sub>7</sub>H<sub>16</sub>O<sub>2</sub>N<sub>4</sub>** Pentane-1:5-dicarbonamidoxime, and its dihydrochloride, 1255.

## 7 IV

- C<sub>7</sub>H<sub>7</sub>O<sub>2</sub>NS** Pyridine-4-thioacetic acid, and its sodium salt, 875.  
**C<sub>7</sub>H<sub>5</sub>Cl<sub>2</sub>HgTe** Phenyl methyl telluride chloride, 593.  
**C<sub>7</sub>H<sub>5</sub>Br<sub>2</sub>HgTe** Phenyl methyl telluride bromide, 593.  
**C<sub>7</sub>H<sub>9</sub>O<sub>2</sub>NS** Ethyl 4-methylthiazole-5-carboxylate, hydrochloride of, 445.  
**C<sub>7</sub>H<sub>9</sub>O<sub>2</sub>NS<sub>2</sub>** *o*-Toluidine-3:5-disulphonic acid, optical activity of, 921.  
**C<sub>7</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>S**  $\alpha$ -Amino- $\beta$ -(4-methylthiazole-5)-propionic acid, 445.  
**C<sub>7</sub>H<sub>10</sub>NIS** 4-Methylthiopyridine methiodide, 876.

C<sub>8</sub> Group.

- C<sub>8</sub>H<sub>18</sub>** (+)- $\gamma$ -Methyl-*n*-heptane, rotation of, 633.

## 8 II

- C<sub>8</sub>H<sub>6</sub>O<sub>5</sub>** 4-Hydroxy-3:6-*endozo*- $\Delta^4$ -tetrahydrophthalic anhydride, 808.  
**C<sub>8</sub>H<sub>7</sub>N** Phenylacetoneitrile, condensations of, 771.  
**C<sub>8</sub>H<sub>8</sub>O** Acetophenone, bromination of, 1353; depolarisation potential of, 546; photolysis of, 590.  
**C<sub>8</sub>H<sub>8</sub>O<sub>4</sub>** 2:5-Dihydroxy-3-methoxybenzaldehyde, 1927.  
 6-Hydroxy-3-methoxytoluquinone, 1456.  
 2:3:6-Trihydroxyacetophenone, 1926.  
**C<sub>8</sub>H<sub>8</sub>O<sub>5</sub>** 5-Hydroxy-2:3-dimethoxybenzoquinone, 1454.  
 Spinulosin, bismethylamine salt of, 1456.  
**C<sub>8</sub>H<sub>10</sub>O** Phenylmethylcarbinol, resolution of, 1156.  
**C<sub>8</sub>H<sub>10</sub>O<sub>2</sub>**  $\beta$ -2-(5-Methylfuryl)propionic acid, 1747.  
**C<sub>8</sub>H<sub>10</sub>O<sub>4</sub>** 2:5:6-Trihydroxy-3-methoxytoluene, 1456.  
**C<sub>8</sub>H<sub>10</sub>O<sub>5</sub>** 1:4:5-Trihydroxy-2:3-dimethoxybenzene, 1454.  
**C<sub>8</sub>H<sub>12</sub>O<sub>2</sub>** 2-Methyl- $\Delta^4$ -cyclopentenylacetic acid, 797.  
**C<sub>8</sub>H<sub>12</sub>O<sub>6</sub>** Dimethyl araboascorbic acids, 248.  
**C<sub>8</sub>H<sub>14</sub>O** Methylcycloheptanones, 187.  
**C<sub>8</sub>H<sub>14</sub>O<sub>2</sub>** 4-Methoxycycloheptanone, 188.

- C<sub>8</sub>H<sub>14</sub>O<sub>6</sub>** 2:4-Dimethyl  $\delta$ -galactonolactone, 1737.  
 3:4-Dimethylgalactonolactone, 1871.  
 4:6-Dimethyl *d*-galactonolactone, 1488.  
**C<sub>8</sub>H<sub>14</sub>O<sub>7</sub>** 2:3-Dimethyl *d*-mannuronic acid, 1885.  
**C<sub>8</sub>H<sub>14</sub>O<sub>8</sub>** 2:3-Dimethyl *d*-mannosaccharic acid, 1885.  
**C<sub>8</sub>H<sub>16</sub>O<sub>5</sub>** 2:3-Dimethyl methyl-*l*-arabinoside, 754.  
**C<sub>8</sub>H<sub>16</sub>O<sub>6</sub>** 2:4-Dimethyl galactose, 1736.  
 3:4-Dimethyl galactose, 1869.  
**C<sub>8</sub>H<sub>16</sub>O**  $\beta$ -Octanols, physical data for, 1789.  
**C<sub>8</sub>H<sub>18</sub>O<sub>3</sub>**  $\beta$ -Methylglycerol  $\alpha\gamma$ -diethyl ether, 949.

## 8 III

- C<sub>8</sub>H<sub>5</sub>O<sub>2</sub>Br<sub>3</sub>** 1:2:3-Tribromo-4-methoxy-5:6-methylenedioxybenzene, 442.  
**C<sub>8</sub>H<sub>6</sub>N<sub>2</sub>Cl** Chlorotoluenediazocyanides, 1802.  
**C<sub>8</sub>H<sub>6</sub>O<sub>2</sub>Cl<sub>2</sub>** 2:6-Dichloro-5-methoxy-*m*-cresol, 282.  
**C<sub>8</sub>H<sub>6</sub>O<sub>2</sub>Br<sub>2</sub>** 2:4-Dibromo-6-ethoxyphenol, 1167.  
**C<sub>8</sub>H<sub>6</sub>O<sub>2</sub>S** 5-Keto-4-ethylidene-2-methyl-4:5-dihydrothiophen-3-carboxylic acid, 1117.  
**C<sub>8</sub>H<sub>6</sub>O<sub>2</sub>N** 3-Methylamino-6-hydroxy-2:5-toluquinone, 1455.  
**C<sub>8</sub>H<sub>6</sub>O<sub>2</sub>N** 2-Methylamino-5-hydroxy-3-methoxybenzoquinone, 1454.  
**C<sub>8</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>** Bismethylaminobenzoquinones, 1450.  
 2-Nitro-*m*-5-xylylidine, 985.  
**C<sub>8</sub>H<sub>10</sub>O<sub>2</sub>S** 5-Ethoxy-2-methylthiophen-3-carboxylic acid, 1117.  
**C<sub>8</sub>H<sub>10</sub>NCl** *o*-Chlorodimethylaniline, picrate of, 1386.  
**C<sub>8</sub>H<sub>11</sub>ON<sub>5</sub>** 6-Amino-2-ethoxy-9-methylpurine, 1786.  
**C<sub>8</sub>H<sub>11</sub>O<sub>5</sub>N** Dimethyl 3:6-anhydrogalactonamides, 1848.  
**C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>**  $\beta$ -Propylglutardiamide, 1297.  
**C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>** 2:4-Dimethylmucic diamide, 1738.  
**C<sub>8</sub>H<sub>17</sub>O<sub>6</sub>N** 2:4-Dimethyl galactonamide, 1737.  
 3:4-Dimethyl galactonamide, 1871.  
 4:6-Dimethyl *d*-galactonamide, hydrate of, 1488.  
**C<sub>8</sub>H<sub>20</sub>N<sub>3</sub>I** *NN'N''*-Trimethyltrimethylenetriamine ethiodide, 1788.

## 8 IV

- C<sub>8</sub>H<sub>4</sub>O<sub>2</sub>NBr** 3-Bromophthalimide, 836.  
**C<sub>8</sub>H<sub>4</sub>Cl<sub>2</sub>SHg<sub>2</sub>** Thionaphthen dimercurichloride, 1006.  
**C<sub>8</sub>H<sub>5</sub>O<sub>2</sub>N<sub>2</sub>Br** Bromophthalaz-1:4-diones, 837.  
**C<sub>8</sub>H<sub>5</sub>O<sub>2</sub>N<sub>2</sub>I** 6-Iodophthalaz-1:4-dione, 837.  
**C<sub>8</sub>H<sub>5</sub>O<sub>2</sub>NI** 4-Iodo-3-nitroacetophenone, 1952.  
**C<sub>8</sub>H<sub>6</sub>NCIS<sub>2</sub>** 4-Chloro-1-thio-2-methyl-1:2-dihydrobenzthiazole, 472.  
 5-Chloro-1-thio-2-methyl-1:2-dihydrobenzthiazole, 475.  
**C<sub>8</sub>H<sub>6</sub>ONS** 1-Methylthiolbenzoxazole, 149.  
**C<sub>8</sub>H<sub>6</sub>ONCl** *N*-Chloroacetanilide, rearrangement of, in chlorobenzene, 1774.  
**C<sub>8</sub>H<sub>6</sub>O<sub>2</sub>N<sub>2</sub>S** 3-Nitro-4-acetamidobenzenesulphonamide, 609.  
**C<sub>8</sub>H<sub>6</sub>N<sub>2</sub>CIS** *m*-Chlorobenzylisothiourea, picrate of, 1443.  
**C<sub>8</sub>H<sub>6</sub>N<sub>2</sub>BrS** *o*-Bromobenzylisothiourea, picrate of, 1443.  
**C<sub>8</sub>H<sub>11</sub>O<sub>3</sub>N<sub>3</sub>S** 2:4-Diketotetrahydrothiazole-2-*isopropylidene*hydrazone-5-acetic acid, 1049.

## 8 V

- C<sub>8</sub>H<sub>6</sub>ONCIS** 4-Chloro-2-methylbenzthiazolone, 472.  
**C<sub>8</sub>H<sub>7</sub>O<sub>2</sub>N<sub>2</sub>CIS** 3-Nitro-4-acetamidobenzenesulphonyl chloride, 609.

C<sub>9</sub> Group.

- C<sub>9</sub>H<sub>5</sub>N** *o*-Cyanophenylacetylene, silver salt, 359.  
**C<sub>9</sub>H<sub>6</sub>O<sub>4</sub>** 4-Hydroxycoumarone-5-carboxylic acid, 1427.  
**C<sub>9</sub>H<sub>7</sub>N** *n*- and *iso*-Quinolines, infra-red absorption spectra of, 318.  
**C<sub>9</sub>H<sub>6</sub>O<sub>4</sub>** 2:4-Dihydroxy-3-formylacetophenone, 133.  
 2:6-Dihydroxy-3-formylacetophenone, 951.  
**C<sub>9</sub>H<sub>6</sub>O<sub>5</sub>** 2-Acetoxy-5-methoxybenzoquinone, 1453.  
 Croweacetic acid, 442.  
 2:4:6-Trihydroxy-3-formylacetophenone, 951.  
**C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>** 2:6-Dihydroxy-3-ethylbenzaldehyde, 302.  
 2-Hydroxy-6-methoxyacetophenone, 959.  
**C<sub>9</sub>H<sub>10</sub>O<sub>4</sub>** 2:5-Dihydroxy-6-methoxyacetophenone, 959.  
 Dihydroxymethoxyacetophenones, 1926.  
 3-Hydroxy-4-ethoxybenzoic acid, 1161.  
 4-Hydroxy-3-ethoxybenzoic acid, 1167.  
**C<sub>9</sub>H<sub>10</sub>O<sub>5</sub>** 6-Hydroxy-3:4-dimethoxytoluquinone, 1457.  
**C<sub>9</sub>H<sub>11</sub>Br** 3-Bromocumene, 1302.  
**C<sub>9</sub>H<sub>12</sub>O<sub>3</sub>** Methyl  $\beta$ -2-(5-methylfuryl)propionate, 1747.  
**C<sub>9</sub>H<sub>12</sub>O<sub>5</sub>** 2:5:6-Trihydroxy-3:4-dimethoxytoluene, 1457.  
**C<sub>9</sub>H<sub>12</sub>O<sub>6</sub>** Araban acetate, 453, 1867.  
**C<sub>9</sub>H<sub>14</sub>O<sub>4</sub>** Methyl 4:7-diketo-octoate, 1747.  
**C<sub>9</sub>H<sub>14</sub>O<sub>5</sub>** 3:4-Acetone 1:6-anhydrogalactopyranose, 389.

- C<sub>8</sub>H<sub>14</sub>O<sub>6</sub>**  $\omega$ -Ethylmethanetriacetic acid, 1298.  
**C<sub>8</sub>H<sub>14</sub>O<sub>7</sub>** Dimethyl saccharolactone methyl ester, 1489.  
 Methyl dimethyl mucate 3:6-lactone, 1737.  
**C<sub>8</sub>H<sub>16</sub>O** 3:5-Dimethylcycloheptanone, 188.  
 4-Ethylcycloheptanone, 188.  
 Methylcyclohexanones, 187.  
 $\alpha$ -Methyl- $\alpha$ -cyclopentylacetone, 1549.  
**C<sub>8</sub>H<sub>16</sub>O<sub>5</sub>** 2:4-Dimethyl 3:6-anhydro- $\alpha$ -methyl-*d*-galactoside, 1847.  
 2:4-Dimethyl 3:6-anhydro- $\beta$ -methyl-*d*-galactoside, 1848.  
 Methylated cellulose I, 1888.  
 2:3:4-Trimethyl- $\beta$ -1:6-anhydrogalactopyranose, 389.  
**C<sub>8</sub>H<sub>16</sub>O<sub>6</sub>** Methyl 2:4-dimethyl 3:6-anhydrogalactonates, 1848.  
 Trimethyl *d*-idono- $\delta$ -lactone, 1072.  
 2:3:4-Trimethyl *d*-mannonolactone, 1880.  
**C<sub>8</sub>H<sub>16</sub>O<sub>7</sub>** Methyl  $\beta$ -hydroxy- $\alpha\gamma$ -dimethoxy-*d*-araboglutarate, 753.  
 Methyl  $\beta$ -hydroxy- $\alpha\gamma$ -dimethoxy-*l*-araboglutarate, 750.  
 Methyl  $\alpha$ -hydroxy- $\beta\gamma$ -dimethoxy-*l*-araboglutarate, 755.  
**C<sub>8</sub>H<sub>16</sub>O** Dihydrocryptols, 519.  
**C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>** 1-Hydroxymethyl-3:5-dimethylcyclohexanol, 188.  
**C<sub>8</sub>H<sub>16</sub>O<sub>6</sub>** 3:4-Dimethyl  $\beta$ -methylgalactoside, 1870.  
 4:6-Dimethyl  $\alpha$ - $\beta$ -methyl-*d*-galactoside, 1488.  
 2:4-Dimethyl methylgalactosides, 1736.  
 2:4:6-Trimethyl-*d*-idose, 1072.  
**C<sub>8</sub>H<sub>22</sub>N<sub>2</sub>** Methylenebismethyl-*n*-propylamine, 1788.  
**C<sub>8</sub>O<sub>6</sub>Fe<sub>2</sub>** Iron enneacarbonyl, crystal structure of, 286.

## 9 III

- C<sub>8</sub>H<sub>6</sub>OS** Thiocoumarins, complex compounds with, 1862.  
**C<sub>8</sub>H<sub>6</sub>NBr**  $\omega$ -Bromo-*o*- and -*p*-cyanostyrenes, 358.  
**C<sub>8</sub>H<sub>6</sub>O<sub>2</sub>Br**  $\omega$ -Bromostyrene-*o*-carboxylic acid, 359.  
**C<sub>8</sub>H<sub>6</sub>O<sub>2</sub>N<sub>2</sub>** 5-Methylphthalaz-1:4-dione, 837.  
**C<sub>8</sub>H<sub>6</sub>O<sub>4</sub>Cl<sub>2</sub>** 2:6-Dichloro-3-hydroxy-5-methoxy-*p*-toluic acid, 283.  
**C<sub>8</sub>H<sub>6</sub>OCl**  $\alpha$ -Phenyl- $\alpha$ -chloromethylethylene oxide, 185.  
**C<sub>8</sub>H<sub>6</sub>O<sub>2</sub>Br** 2-Bromo-3:5-dimethoxybenzoic acid, 283.  
 5-Bromo-4-hydroxy-3-ethoxybenzoic acid, 1167.  
**C<sub>8</sub>H<sub>6</sub>NS<sub>2</sub>** 1-Thio-2:4-dimethyl-1:2-dihydrobenzthiazole, 473.  
**C<sub>8</sub>H<sub>6</sub>N<sub>2</sub>Co** Trimethyl cobalticyanide, isomerism of, 1108.  
**C<sub>8</sub>H<sub>10</sub>O<sub>2</sub>Cl<sub>2</sub>** 2:6-Dichloro-*o*-cinnol dimethyl ether, 283.  
**C<sub>8</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>** 2:4-Dihydroxy-3-formylacetophenone dioxime, 134.  
**C<sub>8</sub>H<sub>11</sub>ON** (+)Hydratropamide, 919.  
**C<sub>8</sub>H<sub>11</sub>O<sub>2</sub>N** 3-Methylamino-6-hydroxy-4-methoxy-2:5-toluquinone, 1456.  
 6-Methylamino-3-hydroxy-4-methoxy-2:5-toluquinone, 1455.  
**C<sub>8</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>** 3:5-Dinitro-*N*-methyl-*p*-xylylidine, 1444.  
**C<sub>8</sub>H<sub>11</sub>O<sub>5</sub>As**  $\beta$ -*p*-Arsonophenylpropionic acid, and its sodium salt, 157.  
**C<sub>8</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** 2:5-Bismethylamino-3-methoxy-1:4-benzoquinone, 1450.  
**C<sub>8</sub>H<sub>12</sub>O<sub>2</sub>S** Ethyl 5-methoxy-2-methylthiophen-3-carboxylate, 1117.  
 5-*n*-Propoxy-2-methylthiophen-3-carboxylic acid, 1117.  
**C<sub>8</sub>H<sub>12</sub>NBr** 3-Bromo-4-aminocumene, 1302.  
**C<sub>8</sub>H<sub>12</sub>O<sub>6</sub>N** 2:3:4-Trimethyl-*d*-mannonamide, 1880.  
**C<sub>8</sub>H<sub>14</sub>O<sub>10</sub>N<sub>2</sub>** 3:4-Dimethyl  $\beta$ -methylgalactoside 2:6-dinitrate, 1870.  
**C<sub>8</sub>H<sub>17</sub>ON** 4-Methylcyclohexanone oxime, 187.  
**C<sub>8</sub>H<sub>17</sub>ON<sub>3</sub>** Methylcycloheptanone semicarbazones, 187.  
**C<sub>8</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 4-Methoxycycloheptanone semicarbazone, 188.  
**C<sub>8</sub>H<sub>17</sub>O<sub>6</sub>N** *N*-Acetyl- $\beta$ -methylglucosaminide, 125.  
**C<sub>8</sub>H<sub>19</sub>O<sub>2</sub>N<sub>2</sub>** 2:3:4-Trimethyl-*d*-mannosaccharodiamide, 1880.  
 2:3:4-Trimethyl mucic diamide, 1735.  
 2:4:5-Trimethyl mucic diamide, 1738.  
**C<sub>8</sub>H<sub>19</sub>O<sub>6</sub>N** 2:3:4-Trimethyl galacturonamide, 1735.  
 2:4:6-Trimethyl *d*-idonamide, 1072.  
**C<sub>8</sub>H<sub>20</sub>O<sub>2</sub>N<sub>4</sub>** Heptane-1:7-dicarbonamidoxime, 1255.  
**C<sub>8</sub>H<sub>22</sub>N<sub>3</sub>I** *NN'N''*-Trimethyltrimethylenetriamine *n*-propiodide, 1788.

## 9 IV

- C<sub>8</sub>H<sub>6</sub>ONS** 2:4-Dimethylbenzthiazolone, 472.  
**C<sub>8</sub>H<sub>6</sub>ONS<sub>2</sub>** 1- $\beta$ -Hydroxyethylthiobenzthiazole, 473.  
 1-Thio-5-methoxy-2-methyl-1:2-dihydrobenzthiazole, 475.  
**C<sub>8</sub>H<sub>10</sub>NIS<sub>2</sub>** 1-Methylthiolbenzthiazole methiodide, 148.  
**C<sub>8</sub>H<sub>12</sub>O<sub>4</sub>NAs**  $\beta$ -Phenylpropionamide-*p*-arsonic acid, and its sodium salt, 157.

C<sub>10</sub> Group.

- C<sub>10</sub>H<sub>8</sub>** Naphthalene, infra-red absorption spectrum of, 318.  
**C<sub>10</sub>H<sub>12</sub>** Dicyclopentadiene, cracking of, 375; kinetics of formation of, in paraffin, 374; solubility of, in paraffin, 371.  
*endo*Dicyclopentadiene, gaseous, kinetics of formation of, 362.

**C<sub>10</sub>D<sub>8</sub>** Octadeuteronaphthalene, 430.

## 10 II

- C<sub>10</sub>H<sub>8</sub>O<sub>4</sub>** 6-Hydroxy-4-methoxy-7-formylcoumarone, 932.  
Methyl 4-hydroxycoumarone-5-carboxylate, 1427.
- C<sub>10</sub>H<sub>9</sub>N**  $\alpha$ - and  $\beta$ -Naphthylamines, nitration of, in presence of urea, 348.
- C<sub>10</sub>H<sub>9</sub>N<sub>3</sub>** 1-4'-Pyridylpyridine-4-imine, and its salts, 876.
- C<sub>10</sub>H<sub>10</sub>O<sub>2</sub>** Methoxymethyleneacetophenone, 121.
- C<sub>10</sub>H<sub>10</sub>O<sub>3</sub>** 4:6-Dimethoxycoumarone, 923.
- C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>** 2:4-Dihydroxy-3-formyl-6-methylacetophenone, 950.  
2-Hydroxy-4-methoxy-5-acetylbenzaldehyde, 929.
- C<sub>10</sub>H<sub>10</sub>O<sub>5</sub>** 6-Acetoxy-3-methoxytoluquinone, 1456.  
2:4-Dihydroxy-3-formyl-5-ethylbenzoic acid, 301.  
2-Hydroxy-4-methoxy-5-acetylbenzoic acid, 929.  
2-Methoxy-3:4-methylenedioxyphenylacetic acid, 441.
- C<sub>10</sub>H<sub>12</sub>O** *dl*- $\alpha$ -Phenylallyl methyl ether, 1700.
- C<sub>10</sub>H<sub>12</sub>O<sub>3</sub>** *p*-Xyloquinol acetate, 544.
- C<sub>10</sub>H<sub>12</sub>O<sub>4</sub>** 2:6-Dihydroxy-5-ethyl-*m*-toluic acid, 301.  
2-Hydroxy-3:6-dimethoxyacetophenone, 1924.  
2-Hydroxy-5:6-dimethoxyacetophenone, 960.  
4-Methoxy-3-ethoxybenzoic acid, 1167.  
Methyl 3-hydroxy-4-ethoxybenzoate, 1161.
- C<sub>10</sub>H<sub>12</sub>O<sub>5</sub>** 3:4:6-Trimethoxytoluquinone, 1452.
- C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>** 3-Amino-1:1-dimethylisoindole, and its picrate, 1818.
- C<sub>10</sub>H<sub>14</sub>O** 1- $\Delta^2$ -Carene-5:6-epoxide, 1500.  
Carvone, addition of magnesium iodide to, 1961.  
 $\Delta^{1:4(6)}$ -*p*-Menthadien-3-one, 1501.
- C<sub>10</sub>H<sub>14</sub>O<sub>2</sub>** 2:5-Dimethyl-4-ethylresorcinol, 951.
- C<sub>10</sub>H<sub>14</sub>O<sub>3</sub>** Ethyl  $\beta$ -2-(5-methylfuryl)propionate, 1747.
- C<sub>10</sub>H<sub>14</sub>O<sub>5</sub>** 2:5-Dihydroxy-3:4:6-trimethoxytoluene, 1453.
- C<sub>10</sub>H<sub>15</sub>N** 2-Dimethylamino-*m*-xylene, picrate of, 1386.
- C<sub>10</sub>H<sub>16</sub>O** Camphor, addition of magnesium iodide to, 1961.  
*d*-Sabinol, catalytic hydrogenation of, 1041.
- C<sub>10</sub>H<sub>16</sub>O<sub>3</sub>** 2-Methyl 3:4-acetone  $\beta$ -1:6-anhydrogalactopyranose, 389.
- C<sub>10</sub>H<sub>16</sub>O<sub>7</sub>** 2:3:4-Trimethyl saccharolactone methyl ester, 1733.
- C<sub>10</sub>H<sub>16</sub>As<sub>2</sub>** *o*-Phenylenebis(dimethylarsine), 612.
- C<sub>10</sub>H<sub>17</sub>Cl** Camphene hydrochloride, exchange of deuterium and of radioactive chlorine between hydrogen chloride and, 1188.
- C<sub>10</sub>H<sub>18</sub>O** *d*-2:3-Dimethyl-4-isopropyl- $\Delta^2$ -cyclopentanol, 1043.  
1-*trans*- $\Delta^4$ -Menthen-3-ol, 1039.  
2-Methyl-4-ethylcycloheptanone, 188.  
2:3:5-Trimethylcycloheptanone, 188.
- C<sub>10</sub>H<sub>18</sub>O<sub>2</sub>** *cis*- and *trans*-Hexahydrocuminic acids, 1246.
- C<sub>10</sub>H<sub>18</sub>O<sub>6</sub>** Tetramethyl *d*-idonolactone, 1073.
- C<sub>10</sub>H<sub>18</sub>O<sub>7</sub>** 2:3-Dimethyl methyl-*d*-mannuronide, 1885.
- C<sub>10</sub>H<sub>20</sub>O** 4-*iso*Propylcyclohexyl-1-carbinols, 1247.
- C<sub>10</sub>H<sub>20</sub>O<sub>6</sub>** 2:4:6-Trimethyl  $\beta$ -methyl-*d*-idopyranoside, 1072.  
2:3:4-Trimethyl  $\alpha$ -methyl-*d*-mannoside, 1880.
- C<sub>10</sub>H<sub>20</sub>O<sub>7</sub>** Methyl 2:4:5-trimethyl mucate lactone, 1738.

## 10 III

- C<sub>10</sub>H<sub>8</sub>ON<sub>2</sub>** 1-4'-Pyridyl-4-pyridone, and its salts, 877.
- C<sub>10</sub>H<sub>8</sub>O<sub>3</sub>N<sub>2</sub>** 6-Nitro-4-hydroxyquinaldine, 564.
- C<sub>10</sub>H<sub>8</sub>O<sub>2</sub>Cl<sub>2</sub>** 2:6-Dichloro-3:5-dimethoxyterephthalic acid, 282.
- C<sub>10</sub>H<sub>8</sub>NCl** 2-Chloro-7-methylquinoline, and its picrate, 1861.
- C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>S** Di-4-pyridyl sulphide, 877.
- C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>S<sub>2</sub>** Di-4-pyridyl disulphide, 877.
- C<sub>10</sub>H<sub>9</sub>ON** Methylcarbostyrils, 1861.  
Methylquinoline oxides, salts of, 1861.
- C<sub>10</sub>H<sub>9</sub>O<sub>2</sub>Br** *o*-Bromobenzylmalonic acid, 796.
- C<sub>10</sub>H<sub>9</sub>O<sub>2</sub>N** 2-Methyl 1-hydrogen 3-nitro-4-methoxyphthalate, 1162.
- C<sub>10</sub>H<sub>9</sub>NI<sub>2</sub>** 4-Iodoquinoline methiodide, 1011.
- C<sub>10</sub>H<sub>9</sub>NS** 2-Methylthiolquinoline, 147.
- C<sub>10</sub>H<sub>9</sub>N<sub>2</sub>Cl** 4-Chloro-6-amino-2-quinaldine, 566.
- C<sub>10</sub>H<sub>9</sub>ON<sub>2</sub>** 6-Amino-4-hydroxyquinaldine, 564.
- C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>Cl<sub>2</sub>** 2:6-Dichloro-3:5-dimethoxy-*p*-toluic acid, 282.  
Methyl 2:6-dichloro-3-hydroxy-5-methoxy-*p*-toluate, 283.
- C<sub>10</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>** 2:4-Dihydroxy-3-formylacetophenone semicarbazone, 134.
- C<sub>10</sub>H<sub>11</sub>O<sub>4</sub>Br** 5-Bromo-3-methoxy-4-ethoxybenzoic acid, 1166.  
5-Bromo-4-methoxy-3-ethoxybenzoic acid, 1167.  
Methyl 2-bromo-3:5-dimethoxybenzoate, 284.  
Methyl 5-bromo-4-hydroxy-3-ethoxybenzoate, 1167.
- C<sub>10</sub>H<sub>11</sub>NS<sub>2</sub>** 1-Thio-2-*n*-propyl-1:2-dihydrobenzthiazole, 475.
- C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>N<sub>4</sub>** Uric acid riboside, 1371.
- C<sub>10</sub>H<sub>12</sub>N<sub>6</sub>Fe**  $\beta$ -Tetramethyl ferrocyanide, structure of, 1105.

- C<sub>10</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>** 2:4-Dinitrophenylmethyl-*n*-propylamine, 1788.  
**C<sub>10</sub>H<sub>13</sub>O<sub>5</sub>N<sub>5</sub>** Crotonoside, 1786.  
**C<sub>10</sub>H<sub>13</sub>O<sub>5</sub>As** Methyl  $\beta$ -*p*-arsonophenylpropionate, and its sodium salt, 157.  
**C<sub>10</sub>H<sub>13</sub>N<sub>3</sub>S** Acetophenone- $\delta$ -methylthiosemicarbazone, 1050.  
**C<sub>10</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** 3:6-Bismethylamino-4-methoxy-2:5-toluquinone, 1452.  
 5:6-Bismethylamino-4-methoxy-2:3-toluquinone, 1455.  
**C<sub>10</sub>H<sub>14</sub>O<sub>2</sub>S** Ethyl 5-ethoxy-2-methylthiophen-3-carboxylate, 1117.  
**C<sub>10</sub>H<sub>15</sub>O<sub>3</sub>N** 2:4:6-Trimethoxybenzylamine, and its hydrochloride, 90.  
**C<sub>10</sub>H<sub>15</sub>OCl<sub>2</sub>** *dl*-1:8-Dichloro-*p*-menthan-3-one, 1501.  
**C<sub>10</sub>H<sub>15</sub>OBr<sub>2</sub>** *dl*-1:8-Dibromo-*p*-menthan-3-one, 1501.  
**C<sub>10</sub>H<sub>16</sub>O<sub>2</sub>N** Phellandrene nitrosites, 1418.  
**C<sub>10</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>** Phellandrene nitrosites, 466.  
**C<sub>10</sub>H<sub>16</sub>O<sub>10</sub>N<sub>3</sub>** 3:4-*iso*Propylidene  $\beta$ -methylgalactoside 2:6-dinitrate, 1870.  
**C<sub>10</sub>H<sub>17</sub>ON<sub>3</sub>** *d*-Cryptone semicarbazone, 266.  
*dl*-Cryptone semicarbazone, 1532.  
**C<sub>10</sub>H<sub>19</sub>ON<sub>3</sub>** 3:5-Dimethylcycloheptanone semicarbazone, 188.  
 $\beta\gamma$ -Dimethyl- $\Delta^{\beta}$ -hepten- $\zeta$ -one semicarbazone, 437.  
 4-Ethylcycloheptanone semicarbazone, 188.  
 4-Methylcyclohexanone semicarbazone, 187.  
 $\alpha$ -Methyl- $\alpha$ -cyclopentylacetone semicarbazone, 1549.  
**C<sub>10</sub>H<sub>19</sub>O<sub>2</sub>N** 2:3:4-Trimethyl methylglucuronoside amides, 1732.  
**C<sub>10</sub>H<sub>19</sub>O<sub>2</sub>N** Methyl 2:3:4-trimethyl mucic amide, 1735.  
**C<sub>10</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>** 2:4-Dimethyl mucic bismethylamide, 1738.  
**C<sub>10</sub>H<sub>22</sub>Cl<sub>2</sub>As<sub>2</sub>** Ethylene- $\alpha\beta$ -bis(butylchloroarsine), 1633.  
**C<sub>10</sub>H<sub>24</sub>O<sub>4</sub>As<sub>2</sub>** Ethylene- $\alpha\beta$ -bis(arsonic acid), 1633.  
**C<sub>10</sub>H<sub>24</sub>N<sub>5</sub>I** *NN'N''*-Trimethyltrimethylenetriamine *n*-butiodide, 1788.

## 10 IV

- C<sub>10</sub>H<sub>5</sub>O<sub>2</sub>NCl<sub>2</sub>** 1:2-Dichloro-4-nitronaphthalene, 346.  
**C<sub>10</sub>H<sub>5</sub>O<sub>2</sub>NBr<sub>2</sub>**  $\alpha\beta$ -Dibromo- $\beta$ -*o*-cyanophenylpropionic acid, 358.  
**C<sub>10</sub>H<sub>5</sub>O<sub>2</sub>N<sub>2</sub>Cl** 4-Chloro-6-nitro-2-quinaldine, 566.  
**C<sub>10</sub>H<sub>5</sub>O<sub>2</sub>N<sub>2</sub>I** 3-Iodo-1-nitro-2-naphthylamine, 346.  
**C<sub>10</sub>H<sub>5</sub>NClBr** 4-Chloro-6-bromo-2-quinaldine, 566.  
**C<sub>10</sub>H<sub>5</sub>ONCl** 6-Chloro-4-hydroxyquinaldine, 565.  
**C<sub>10</sub>H<sub>5</sub>ONBr** 6-Bromo-4-hydroxyquinaldine, 565.  
**C<sub>10</sub>H<sub>5</sub>O<sub>2</sub>NCl<sub>2</sub>** 2:6-Dichloro-3:5-dimethoxy-*p*-toluonitrile, 283.  
**C<sub>10</sub>H<sub>5</sub>NCII** 4-Chloroquinoline methiodide, 1011.  
**C<sub>10</sub>H<sub>11</sub>O<sub>2</sub>NCl<sub>2</sub>** 2:6-Dichloro-3:5-dimethoxy-*p*-toluamide, 283.  
**C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>S** 2:4-Dinitrophenyl  $\beta$ -ethoxyethyl sulphide, 1067.  
**C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>S** 2:4-Dinitrophenyl- $\beta$ -ethoxyethylsulphone, 1067.  
**C<sub>10</sub>H<sub>12</sub>NIS<sub>2</sub>** 1-Methylthiolbenzthiazole ethiodide, 148.  
**C<sub>10</sub>H<sub>13</sub>OBrTe** Phenacyldimethyltelluronium bromide, 166.  
**C<sub>10</sub>H<sub>13</sub>O<sub>2</sub>NAs**  $\beta$ -Phenylpropionomethylamide-*p*-arsonic acid, and its sodium salt, 157.  
**C<sub>10</sub>H<sub>16</sub>Cl<sub>2</sub>As<sub>2</sub>Pd** *o*-Phenylenebis(dimethylarsine)dichloropalladium, 1630.  
**C<sub>10</sub>H<sub>28</sub>N<sub>2</sub>BrAu** *NN*-Diethylethylenediaminodiethylgold bromide, 767.

C<sub>11</sub> Group.

- C<sub>11</sub>H<sub>10</sub>**  $\alpha$ - and  $\beta$ -Methylnaphthalenes, infra-red absorption spectra of, 318.

## 11 II

- C<sub>11</sub>H<sub>5</sub>O<sub>6</sub>** 6-Hydroxy-4-methoxy-7-formylcoumarone-2-carboxylic acid, 932.  
**C<sub>11</sub>H<sub>5</sub>N<sub>3</sub>** Aminoperimidine, hydrochloride of, 256.  
 1:2-Pyrido-7-amino-4:5-benz-1:3-diazaline, 1060.  
**C<sub>11</sub>H<sub>5</sub>I** 1-Iodo-2-methylnaphthalene, 948.  
**C<sub>11</sub>H<sub>10</sub>O<sub>3</sub>** 6-Methoxy-2-formyl-3-methylcoumarone, 1597.  
**C<sub>11</sub>H<sub>10</sub>O<sub>4</sub>** 4:6-Dimethoxy-7-formylcoumarone, 923.  
**C<sub>11</sub>H<sub>10</sub>O<sub>7</sub>** 2:5-Diacetoxy-3-methoxy-1:4-benzoquinone, 1452.  
**C<sub>11</sub>H<sub>12</sub>O<sub>2</sub>** 6-Hydroxy-2-*isopropyl*coumarone, 935.  
 1-Keto-5-methoxy-1:2:3:4-tetrahydronaphthalene, 789.  
 6-Methoxy-3:7-dimethylcoumarone, 1600.  
 $\alpha$ -Phenylallyl acetates, 1700.  
**C<sub>11</sub>H<sub>12</sub>O<sub>3</sub>** *n*- and *iso*-Croweacins, 439.  
 6-Hydroxy-2-*n*-propyl-3-coumaranone, 936.  
 4-Methoxy-2:3-methylenedioxypropenylbenzene, 442.  
**C<sub>11</sub>H<sub>12</sub>O<sub>4</sub>** 4-Acetoxy-3-ethoxybenzaldehyde, 1166.  
 2:4-Dihydroxy-3-formyl-5-ethylacetophenone, 950.  
**C<sub>11</sub>H<sub>12</sub>O<sub>5</sub>** 4-Acetoxy-3-ethoxybenzoic acid, 1166.  
 Methyl 2:4-dihydroxy-3-formyl-5-ethylbenzoate, 301.  
**C<sub>11</sub>H<sub>12</sub>O<sub>6</sub>** 3:5-Dimethoxy-2-formylphenoxyacetic acid, 923.  
 5-Methoxy-4-ethoxyphthalic acid, hydrate of, 1164.  
**C<sub>11</sub>H<sub>12</sub>N<sub>4</sub>** 7-Guanido-2-naphthylamine, nitrate of, 255.  
**C<sub>11</sub>H<sub>14</sub>O<sub>3</sub>** 6-Hydroxy-2-*isopropyl*coumaran, 935.

- C<sub>11</sub>H<sub>14</sub>O<sub>3</sub>** *γ*-o-Anisylbutyric acid, 789.  
 4:6-Dimethoxymethylcoumarans, 925.  
**C<sub>11</sub>H<sub>14</sub>O<sub>4</sub>** Methyl 2:6-dihydroxy-5-ethyl-*m*-toluate, 301.  
 2:3:6-Trimethoxyacetophenone, 959.  
**C<sub>11</sub>H<sub>14</sub>O<sub>5</sub>** Methyl 2:3:5-trimethoxybenzoate, 1927.  
 Myristicin glycol, 443.  
**C<sub>11</sub>H<sub>16</sub>Br** *β*-3-*iso*Propylphenylethyl bromide, 1302.  
**C<sub>11</sub>H<sub>16</sub>O** *β*-3-*iso*Propylphenylethyl alcohol, 1302.  
**C<sub>11</sub>H<sub>16</sub>O<sub>2</sub>** *γ*-o-Anisylpropyl methyl ether, 789.  
**C<sub>11</sub>H<sub>16</sub>O<sub>3</sub>** *iso*Amylphloroglucinol, 1603.  
**C<sub>11</sub>H<sub>18</sub>O** Dehydromethyl-linalool, 438.  
 2:5:6:6-Tetramethyl-2-ethinyltetrahydropyran, 438.  
**C<sub>11</sub>H<sub>18</sub>O<sub>3</sub>** Ethyl 2:6-dimethylcyclohexanone-2-carboxylate, 1301.  
**C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>** *p*-Amino*iso*amylaniline, dihydrochloride of, 1385.  
**C<sub>11</sub>H<sub>20</sub>O<sub>2</sub>** Dihydrocryptol acetates, 521.  
 Methyl 1:2-dimethylcyclohexylacetate, 88.  
**C<sub>11</sub>H<sub>20</sub>O<sub>3</sub>** *β*-Hydroxy-*ε*-methyl-*αβ*-dihydrogeranic acid, 438.  
**C<sub>11</sub>H<sub>20</sub>O<sub>7</sub>** 2:3:4-Trimethyl methylglucuronoside methyl ester, 1732.  
**C<sub>11</sub>H<sub>20</sub>O<sub>8</sub>** Methyl 2:3:4-trimethyl mucate, 390.  
**C<sub>11</sub>H<sub>20</sub>O<sub>8</sub>** Tetramethyl *β*-methyl-*d*-idopyranoside, 1072.  
**C<sub>11</sub>H<sub>22</sub>N<sub>4</sub>** Guanyl-4:4'-dipiperidyl, hydriodides of, 257.

## 11 III

- C<sub>11</sub>H<sub>7</sub>O<sub>2</sub>N<sub>3</sub>** 1:2-Pyrido-7-nitro-4:5-benz-1:3-diazaline, 1060.  
**C<sub>11</sub>H<sub>9</sub>O<sub>4</sub>N** Quinic acid amine oxide, 1297.  
**C<sub>11</sub>H<sub>9</sub>N<sub>2</sub>I** 2-Cyanoquinoline methiodide, 1011.  
**C<sub>11</sub>H<sub>10</sub>OS** 2-Thionaphthenyl ethyl ketone, 1007.  
**C<sub>11</sub>H<sub>10</sub>O<sub>3</sub>N<sub>2</sub>** 6-Nitro-4-hydroxy-2:3-dimethylquinoline, 565.  
**C<sub>11</sub>H<sub>10</sub>O<sub>3</sub>Br<sub>4</sub>** 5:6-*αβ*-Tetrabromo-4-methoxy-2:3-methylenedioxy-*n*-propylbenzene, 442.  
**C<sub>11</sub>H<sub>11</sub>ON** 1:7-Dimethyl-2-quinolone, 1861.  
 5-Methoxy-1-naphthylamine, 789.  
**C<sub>11</sub>H<sub>11</sub>OI** 1-Iodo-5-methoxynaphthalene, 789.  
**C<sub>11</sub>H<sub>11</sub>O<sub>2</sub>I** Methyl 5-iodo-4-methoxyphthalate, 1162.  
**C<sub>11</sub>H<sub>11</sub>O<sub>2</sub>Br** 3-Bromo-5-methoxy-4-ethoxyphthalic acid, 1164.  
 Methyl 3-bromo-4-hydroxy-5-methoxyphthalate, 1163.  
**C<sub>11</sub>H<sub>11</sub>N<sub>2</sub>** 4-Iodoquinoline ethiodide, 1011.  
**C<sub>11</sub>H<sub>11</sub>NS** Aminonaphthyl methyl sulphides, and their salts, 127.  
 1:6-Dimethyl-2-thioquinolone, 1861.  
 2-Ethylthiolquinoline, 147.  
 2-Methylthio-4-methylquinoline, 1323.  
 2-Methylthio-6-methylquinoline, picrate of, 1861.  
**C<sub>11</sub>H<sub>11</sub>NS<sub>2</sub>** 1-Thio-2-*α*-methylallyl-1:2-dihydrobenzthiazole, 475.  
**C<sub>11</sub>H<sub>11</sub>N<sub>2</sub>S** 4-Methylthiazole-5-aldehyde phenylhydrazone, 445.  
**C<sub>11</sub>H<sub>12</sub>ON<sub>2</sub>** 6-Amino-4-hydroxy-2:3-dimethylquinoline, 565.  
**C<sub>11</sub>H<sub>12</sub>O<sub>2</sub>Cl<sub>2</sub>** Methyl 2:6-dichloro-3:5-dimethoxy-*p*-toluate, 282.  
**C<sub>11</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>** 2-Methoxy-3:4-methylenedioxyphenylacetaldehyde semicarbazone, 441.  
**C<sub>11</sub>H<sub>12</sub>O<sub>2</sub>Br** Methyl 5-bromo-4-methoxy-3-ethoxybenzoate, 1167.  
**C<sub>11</sub>H<sub>12</sub>O<sub>2</sub>N** Methyl 5-amino-4-methoxyphthalate, 1162.  
**C<sub>11</sub>H<sub>12</sub>O<sub>5</sub>N<sub>3</sub>** 5-Nitro-2-methoxydiacetyl-1:4-phenylenediamine, 1286.  
**C<sub>11</sub>H<sub>12</sub>O<sub>5</sub>Cl** Methyl 3-chloro-2:4:6-trimethoxybenzoate, 283.  
**C<sub>11</sub>H<sub>14</sub>O<sub>3</sub>N<sub>2</sub>** 2-Methoxy-*NN'*-diacetyl-1:4-phenylenediamine, 1286.  
**C<sub>11</sub>H<sub>14</sub>O<sub>4</sub>N<sub>2</sub>** 2:4-Dihydroxy-3-formyl-5-ethylacetophenone dioxime, 950.  
**C<sub>11</sub>H<sub>15</sub>ON** *m*-Diethylaminobenzaldehyde, and its picrate, 1093.  
**C<sub>11</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** *α*-Furfurylidenediethyl ketone semicarbazone, 1563.  
 2-Methoxy-4-acetyloluene semicarbazone, 943.  
**C<sub>11</sub>H<sub>15</sub>O<sub>4</sub>N<sub>3</sub>** 2:4-Dinitrophenylmethyl-*n*-butylamine, 1789.  
**C<sub>11</sub>H<sub>15</sub>O<sub>2</sub>S** Ethyl 5-propoxy-2-methylthiophen-3-carboxylate, 1117.  
**C<sub>11</sub>H<sub>15</sub>ON** *p*-Butoxymethylaniline, and its picrate, 1170.  
*p*-Methylethylaminophenetole, picrate of, 1170.  
**C<sub>11</sub>H<sub>15</sub>ON<sub>3</sub>** 1:2:3-Dimethyl-4-*isopropyl-D*<sup>2</sup>-cyclopentenone semicarbazone, 1043.  
**C<sub>11</sub>H<sub>15</sub>ON<sub>6</sub>** 2-Methyl-4-ethylcycloheptanone semicarbazone, 188.  
 2:3:5-Trimethylcycloheptanone semicarbazone, 188.  
**C<sub>11</sub>H<sub>15</sub>O<sub>6</sub>N** 4:6-Dimethyl 3-acetamido-*β*-methyl-*d*-altropyranoside, 273.  
 4:6-Dimethyl 2-acetamido-*β*-methyl-*d*-glucopyranoside, 273.  
**C<sub>11</sub>H<sub>20</sub>O<sub>6</sub>N<sub>3</sub>** 2:3:4-Trimethyl mucic bismethylamide, 1735.  
 2:4:5-Trimethyl mucic bismethylamide, 1738.  
**C<sub>11</sub>H<sub>23</sub>O<sub>2</sub>N** *n*-Octylurethane, 186.  
**C<sub>11</sub>H<sub>24</sub>O<sub>2</sub>N<sub>4</sub>** Nonane-1:9-dicarbonamidoxime, 1255.

## 11 IV

- C<sub>11</sub>H<sub>9</sub>O<sub>2</sub>NS** 2-Cyanonaphthalene-7-sulphonic acid, potassium salt, 255.  
**C<sub>11</sub>H<sub>9</sub>O<sub>2</sub>NS** Nitronaphthyl methyl sulphides, 126.  
**C<sub>11</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>P** Phenylphosphorylguanine, 915.  
**C<sub>11</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>S** *p*-(2-Pyridylamino)benzenesulphonamide, 1202.



- $C_{11}H_{11}NClI$  4-Chloroquinoline ethiodide, 1011.  
 $C_{11}H_{12}O_2NNa$  Sodium acetoacetomethylanilide, 488.  
 $C_{11}H_{12}NIS$  2-Methylthiolquinoline methiodide, 147.  
 $C_{11}H_{14}ONBr$  3-Bromo-4-acetamidocumene, 1302.  
 $C_{11}H_{14}NIS_2$  1-Ethylthiolbenzthiazole ethiodide, 148.  
 $C_{11}H_{16}O_2NAs$   $\beta$ -Phenylpropionodimethylamide-*p*-arsonic acid, and its sodium salt, 157.  
 $\beta$ -Phenylpropionoethylamide-*p*-arsonic acid, and its salts, 157.

C<sub>12</sub> Group.

- $C_{12}H_{18}$  Hexamethylbenzene, crystal structure of, 1324.

## 12 II

- $C_{12}H_8O_4$  *allo*Bergapten, 932.  
 $C_{12}H_8O_6$  5-Hydroxy-6-acetylcoumarin-3-carboxylic acid, 134.  
 $C_{12}H_9N_3$  1-Naphthonitrile-7-amidine, hydrochloride of, 256.  
 $C_{12}H_{10}O$  3-Hydroxydiphenyl, 122.  
 $C_{12}H_{10}N_2$  *cis*- and *trans*-Azobenzenes, crystal structure and configuration of, 232; dipole moments of, 531.  
 $C_{12}H_{10}As_2$  Arsenobenzene, dipole moment and configuration of, 677.  
 $C_{12}H_{12}O_2$  7-Methyl-3:4-dihydro-1-naphthoic acid, 947.  
 $C_{12}O_2O_5$  6-Methoxy-2-formyl-3:7-dimethylcoumarone, 1600.  
 $C_{12}H_{12}O_4$  6-Methoxy-3:7-dimethylcoumarone-2-carboxylic acid, 1599.  
 6-Methoxy-3-methylcoumarone-2-acetic acid, 1598.  
 $C_{12}H_{12}O_5$  4:6-Dimethoxy-7-methylcoumarone-2-carboxylic acid, 925.  
 Ethyl 6-hydroxy-4-methoxycoumarone-2-carboxylate, 931.  
 $C_{12}H_{12}N_2$  1-Benzyl-2-pyridoneimine, salts of, 1857.  
 $C_{12}H_{12}N_4$  Naphthylenediamidines, and their dihydrochlorides, 255.  
 $C_{12}H_{13}N_3$  2:2'-Diaminodiphenylamine, 160.  
 $C_{12}H_{14}O_2$  6-Methoxy-2:3:7-trimethylcoumarone, 1600.  
 $C_{12}H_{14}O_5$  3-Methoxy-6-acetyl-2-methylphenoxyacetic acid, 1599.  
 $C_{12}H_{14}O_6$  3:5-Dimethoxy-2-formylmethylphenoxyacetic acids, 924.  
 $C_{12}H_{14}N_2$   $\beta$ -2-(5-Phenylpyrrol)ethylamine, hydrochloride of, 1744.  
 $C_{12}H_{14}N_6$  Diguanonaphthalene, dinitrates of, 255.  
 $C_{12}H_{16}O_2$  6-Methoxy-2:3:7-trimethylcoumaran, 1600.  
 1- $\gamma$ -*p*-Tolyl-*n*-valeric acid, 1507.  
 $C_{12}H_{16}O_8$  Cellulose acetate, 1887.  
 $C_{12}H_{18}O_6$  1-Carboxymethylcyclohexane-1-succinic acids, 85.  
 $C_{12}H_{20}O_2$  5:9-Dimethyldecadienic acids, 1548.  
 $C_{12}H_{20}O_3$   $\beta\gamma$ -Dimethyl- $\Delta\beta$ -hepten- $\zeta$ -one, 437.  
 Ethyl cyclopentylmethylacetoacetate, 1549.  
 $C_{12}H_2O_{11}$  2-*d*-Galacturonido-*l*-rhamnose, and its barium salt, 1470.  
 $C_{12}H_{22}O_2$  5:9-Dimethyldecenoic acids, 1547.  
 Ethyl hexahydrocumينات, 1246.  
 $\gamma$ -*sec*-*iso*Octyl- $\gamma$ -butyrolactone, 1547.  
 Tetrahydrocitrylideneacetic acid, 1546.  
 $C_{12}H_{22}O_6$  *iso*Butyl *i*-tartrate, 967.  
 $C_{12}H_{24}O_2$  *n*-Butyl *dl*-*n*-heptane- $\gamma$ -carboxylate, 637.  
 $C_{12}H_{24}N_4$  1:1'-Diguanyl-4:4'-dipiperidyl, dihydrochloride of, 256.  
 $C_{12}H_{26}N_4$  Decane-1:4-dicarbonamidine, dihydrochloride of, 1256.

## 12 III

- $C_{12}H_4O_4N_3$  6-Nitro- $\beta\beta$ -naphthalaz-1:4-dione, and its sodium salt, 837.  
 $C_{12}H_4O_2N_2$   $\alpha\beta$ -Naphthalaz-1:4-dione, 837.  
 $\beta\beta$ -Naphthalaz-1:4-dione, and its sodium salt, 837.  
 $C_{12}H_8O_4N_4$  *cis*-*mm'*-Dinitroazobenzene, 1313.  
 $C_{12}H_8O_6N_2$  7-Hydroxy-8-acetylcoumarin-3-carboxylic acid, 951.  
 $C_{12}H_8O_2N_3$  6-Amino- $\beta\beta$ -naphthalaz-1:4-dione, 837.  
 $cis$ -Nitroazobenzenes, 1313.  
 $C_{12}H_8O_4N_5$  Pyridine-2-aldehyde 2:4-dinitrophenylhydrazone, 782.  
 $C_{12}H_8NI$  *cis*-*p*-Iodoazobenzene, 1315.  
 $C_{12}H_{10}OBr_2$  Dibromo-4-methoxy-6-methylnaphthalene, 797.  
 $C_{12}H_{10}O_2N_2$  *p*-Azophenols, dipole moments of, 535.  
 $C_{12}H_{11}ON$  Phenyl-2-pyridylcarbinol, 811.  
 $C_{12}H_{11}OBr$  1-Bromo-4-methoxy-6-methylnaphthalene, 797.  
 $C_{12}H_{11}O_2N$  5-Acetamido-1-naphthol, 788.  
 $C_{12}H_{11}NI$  4-Cyanoquinoline ethiodide, 1010.  
 $C_{12}H_{12}NBr$  Bromotetrahydrocarbazoles, 238.  
 $C_{12}H_{13}ON$   $\beta$ -2-(5-Phenylfuryl)ethylamine, and its salts, 1744.  
 $C_{12}H_{13}O_2N$  6-Methoxy-3-methylcoumarone-2-acetamide, 1598.  
 $C_{12}H_{13}NS$  2-Ethylthio-4-methylquinoline, 1323.  
 $\beta$ -2-(5-Phenylthienyl)ethylamine, and its salts, 1745.  
 $C_{12}H_{15}O_2N$  Acetoacetethylanilide, 488.

- C<sub>12</sub>H<sub>15</sub>O<sub>4</sub>Br** Ethyl 5-bromo-3-methoxy-4-ethoxybenzoate, 1166.  
**C<sub>12</sub>H<sub>15</sub>O<sub>5</sub>N<sub>3</sub>** Methyl 2:4-dihydroxy-3-formyl-5-ethylbenzoate semicarbazone, 301.  
**C<sub>12</sub>H<sub>7</sub>NS<sub>2</sub>** 1-Thio-2-*iso*amyl-1:2-dihydrobenzothiazole, 475.  
**C<sub>12</sub>H<sub>17</sub>ON**  $\beta$ -2-(5-Phenyltetrahydrofuryl)ethylamine, hydrochloride of, 1747.  
**C<sub>12</sub>H<sub>17</sub>O<sub>3</sub>N** Nitroethoxydurene, 985.  
**C<sub>12</sub>H<sub>17</sub>O<sub>4</sub>N** Acetyl-2:4:6-trimethoxybenzylamine, 90.  
**C<sub>12</sub>H<sub>18</sub>ON** *m*-Diethylaminobenzaldehyde semicarbazone, 1093.  
**C<sub>12</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** Nitrodimethylaminodurene, 984.  
**C<sub>12</sub>H<sub>22</sub>ON<sub>2</sub>** Decane-1-carbonitrile-10-carbonamide, 1256.  
**C<sub>12</sub>H<sub>23</sub>O<sub>6</sub>N** 2:4:6-Trimethyl 3-acetamido- $\beta$ -methylaltroside, 273.  
**C<sub>12</sub>H<sub>25</sub>O<sub>5</sub>N** Trimethyl dimethylaminomethylglucoside, 279.  
**C<sub>12</sub>H<sub>26</sub>O<sub>2</sub>N<sub>4</sub>** Decane-1:10-dicarbonamidoxime, and its dihydrochloride, 1255.

## 12 IV

- C<sub>12</sub>H<sub>2</sub>O<sub>2</sub>N<sub>4</sub>Cl<sub>4</sub>** Tetrachloro-4:4'-dinitroazoxybenzene, 1313.  
**C<sub>12</sub>H<sub>2</sub>O<sub>2</sub>NF<sub>2</sub>** *mm'*-Difluoro-*o*-indophenol, 1408.  
**C<sub>12</sub>H<sub>2</sub>ON<sub>2</sub>I<sub>2</sub>** *oo'*-Di-iodoazoxybenzene, 1315.  
**C<sub>12</sub>H<sub>2</sub>N<sub>2</sub>KAu** Potassium 2:2'-dipyridylaurocyanide, 427.  
**C<sub>12</sub>H<sub>2</sub>ONS** Methylthiolnaphthoxazoles, 149.  
   Thiomethyl-1:2-dihydronaphthoxazoles, 150.  
**C<sub>12</sub>H<sub>2</sub>O<sub>3</sub>N<sub>2</sub>I** 3-Iodo-1-nitroaceto-2-naphthalide, 346.  
**C<sub>12</sub>H<sub>2</sub>O<sub>3</sub>N<sub>2</sub>S** 2:4-Dinitro-5-aminodiphenylsulphone, 905.  
**C<sub>12</sub>H<sub>10</sub>ONCl<sub>3</sub>**  $\gamma$ -Trichloro- $\beta$ -hydroxy- $\alpha$ -(4-quinoly)propane, 1242.  
**C<sub>12</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>S** 2-Nitro-3-aminodiphenylsulphone, 905.  
   2-Nitro-5-aminodiphenylsulphone, 905.  
   4-Nitro-3-aminodiphenylsulphone, 905.  
**C<sub>12</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>Hg** 1-Nitro-2-naphthylamine-3-mercuriacetate, 346.  
**C<sub>12</sub>H<sub>10</sub>O<sub>4</sub>BrAs** 2-*p*-Bromophenoxyphenylarsonic acid, 1723.  
**C<sub>12</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>Br** 8-Bromo-7:9-dinitro-*b*-indoxylspirocyclopentane, 239.  
**C<sub>12</sub>H<sub>11</sub>ON<sub>2</sub>Cl** 4-Chloro-6-acetamido-2-quinaldine, 566.  
**C<sub>12</sub>H<sub>11</sub>O<sub>2</sub>NS** Nitronaphthyl ethyl sulphides, 127.  
**C<sub>12</sub>H<sub>11</sub>O<sub>3</sub>N<sub>2</sub>S** 2:4-Diketotetrahydrothiazole-2-benzylidenedehydrazone-5-acetic acid, 1049.  
**C<sub>12</sub>H<sub>11</sub>NClBr** 4-Chlorobromo-2:6:8-trimethylquinoline, 786.  
**C<sub>12</sub>H<sub>12</sub>ONBr** Bromo-2:6:8-trimethyl-4-quinolone, 786.  
**C<sub>12</sub>H<sub>2</sub>O<sub>3</sub>N<sub>2</sub>S** 3:4-Diaminodiphenylsulphone, 905.  
**C<sub>12</sub>H<sub>2</sub>O<sub>3</sub>NP** Phenylphosphoanilide, 915.  
**C<sub>12</sub>H<sub>12</sub>NIS** 2-Ethylthiolquinoline methiodide, 147.  
**C<sub>12</sub>H<sub>13</sub>ON<sub>2</sub>S** 2-Thionaphthyl ethyl ketone semicarbazone, 1007.  
**C<sub>12</sub>H<sub>14</sub>O<sub>2</sub>NBr** Ethyl  $\beta$ -*p*-bromophenylaminocrotonate, 565.  
**C<sub>12</sub>H<sub>14</sub>O<sub>2</sub>Na** Sodium acetoacetethylanilide, 488.  
**C<sub>12</sub>H<sub>17</sub>ON<sub>2</sub>S** 2:4-Diketotetrahydrothiazole-2-3'-methylcyclohexylidenedehydrazone-5-acetic acid, 1049.  
**C<sub>12</sub>H<sub>18</sub>ONI** *m*-Diethylaminobenzaldehyde methiodide, 1093.  
**C<sub>12</sub>H<sub>18</sub>O<sub>4</sub>NaS**  $\beta$ -Phenylpropiono-*n*-propylamide-*p*-arsonic acid, and its sodium salt, 158.  
**C<sub>12</sub>H<sub>25</sub>O<sub>2</sub>SNa** Sodium dodecyl sulphate, conductivity of alcohol-water solutions of, 522.

## 12 V

- C<sub>12</sub>H<sub>2</sub>OClBrAs** 10-Chloro-2-bromophenoxarsine, 1723.  
**C<sub>12</sub>H<sub>2</sub>OCl<sub>2</sub>BrAs** 2-*p*-Bromophenoxyphenyldichloroarsine, 1723.  
**C<sub>12</sub>H<sub>2</sub>O<sub>2</sub>N<sub>2</sub>ClCr** 2:2'-Dihydroxyazobenzene chromichloride, 831.  
**C<sub>12</sub>H<sub>2</sub>O<sub>2</sub>NCIS** 3-Chloro-4-nitrodiphenylsulphone, 906.  
   5-Chloro-2-nitrodiphenylsulphone, 904.  
**C<sub>12</sub>H<sub>10</sub>O<sub>2</sub>NCIS** 3-Chloro-4-aminodiphenylsulphone, 906.  
**C<sub>12</sub>H<sub>20</sub>NCl<sub>2</sub>AsPd** Dichloromonoamminotributylarsinepalladium, 1634.  
**C<sub>12</sub>H<sub>32</sub>ON<sub>2</sub>Br<sub>2</sub>Au<sub>2</sub>** ( $\beta\beta$ -Diaminodiethyl ether)tetraethyldibromogold, 767.

C<sub>13</sub> Group.

- C<sub>13</sub>H<sub>14</sub>** 2-Methyl-6-ethylnaphthalene, 793.  
**C<sub>13</sub>D<sub>10</sub>** Decadeuterofluorene, 430.

## 13 II

- C<sub>13</sub>H<sub>3</sub>O<sub>6</sub>** 7-Methoxy-5:6:4':5'-furocoumarin-3-carboxylic acid, 932.  
**C<sub>13</sub>H<sub>10</sub>O** Benzophenone, photolysis of, 590.  
**C<sub>13</sub>H<sub>10</sub>O<sub>3</sub>** 3-Hydroxydiphenyl-4-carboxylic acid, 122.  
**C<sub>13</sub>H<sub>10</sub>O<sub>5</sub>** 5-Hydroxy-3:6-diacetylcoumarin, 134.  
   7-Hydroxy-3:8-diacetylcoumarin, 951.  
**C<sub>13</sub>H<sub>10</sub>O<sub>6</sub>** 5-Hydroxy-6-acetyl-7-methylcoumarin-3-carboxylic acid, 950.  
**C<sub>13</sub>H<sub>11</sub>N** Phenanthridine, dipole moment of, 1392.  
**C<sub>13</sub>H<sub>12</sub>O** 5-Methoxyacenaphthene, 792.  
**C<sub>13</sub>H<sub>12</sub>O<sub>2</sub>** 7-Ethyl-1-naphthoic acid, 947.  
**C<sub>13</sub>H<sub>12</sub>O<sub>3</sub>** Euparin, 925.  
    $\beta$ -2-(5-Phenylfuryl)propionic acid, 1744.

- $C_{13}H_{12}O_4$  5-Hydroxy-6-propionyl-4-methylcoumarin, 1252.  
 7-Methyl-3:4-dihydronaphthalene-1:2-dicarboxylic acid, 947.  
 5-Propionoxy-4-methylcoumarin, 1252.  
 $C_{13}H_{12}O_5$  6-Methoxy-3-methylcoumarone-2-pyruvic acid, 1598.  
 $C_{13}H_{12}O_6$  Ethyl 6-hydroxy-4-methoxy-7-formylcoumarone-2-carboxylate, 931.  
 $C_{13}H_{12}N_2$  *cis-m*-Methylazobenzene, 1313.  
 $C_{13}H_{14}O_2$  7-Ethyl-3:4-dihydro-1-naphthoic acid, 947.  
 $C_{13}H_{14}O_3$  7-Hydroxy-4:8-dimethyl-6-ethylcoumarin, 134.  
 5-Hydroxy-4-methyl-6-propylcoumarin, 1252.  
 $C_{13}H_{14}O_4$  6-Methoxy-3:7-dimethylcoumarone-2-acetic acid, 1600.  
 $C_{13}H_{14}O_5$  4:6-Dimethoxy-3-acetoxy-2-methylcoumarone, 925.  
 Ethyl 4:6-dimethoxycoumarone-2-carboxylate, 923.  
 $C_{13}H_{14}O_6$  2:5-Diacetoxy-3-methoxyacetophenone, 1926.  
 $C_{13}H_{14}N_6$  4-Guanido-4'-aminoazobenzene, nitrate of, 256.  
 $C_{13}H_{16}O_2$  Ketone, from reduction of picrotoxinone, 941.  
 $C_{13}H_{16}O_3$  Tetrahydroeuparin, 928, 935.  
 $C_{13}H_{16}O_4$  5:7-Dihydroxy-6-acetyl-2:2-dimethylchroman, 1259.  
 $\beta$ -(*p*-Ethylphenyl) ethylmalonic acid, 947.  
 $C_{13}H_{16}O_6$  Ethyl 3:5-dimethoxy-2-formylphenoxyacetate, 923.  
 $C_{13}H_{18}O$  2-Hydroxymethylethyl-5:6:7:8-tetrahydronaphthalenes, 941, 942.  
 $C_{13}H_{18}N$  *o*-Dimethylamino- $\beta$ -methyl- $\alpha$ -ethylstyrene, 463.  
 $C_{13}H_{24}O$  2-*sec*-*iso*Octylcyclopentanone, 1548.  
 $C_{13}H_{24}O_3$  Ethyl  $\beta$ -hydroxy- $\epsilon$ -methyl- $\alpha\beta$ -dihydrogeranate, 437.  
 $C_{13}H_{26}O_3$  *iso* Amyl *dl-n*-heptane- $\gamma$ -carboxylate, 637.

## 13 III

- $C_{13}H_5OD_5$  Pentadeuterobenzophenone, 1961.  
 $C_{13}H_5ND_5$   $\alpha$ -Pentadeuterophenylbenzylamine, resolution of, and its hydrogen *d*-tartrate, 1961.  
 $C_{13}H_9O_2N$  2-Nitrodiphenyl-5-carboxylic acid, 1292.  
 $C_{13}H_{10}ON_2$  2-Methoxyphenazine, 161.  
 $C_{13}H_{10}OBr$  *N*-Bromobenzanilide, rearrangement of, in chlorobenzene, 1096.  
 $C_{13}H_{10}O_3S$  5-Keto-4-benzylidene-2-methyl-4:5-dihydrothiophen-3-carboxylic acid, 1117.  
 $C_{13}H_{11}O_2N$  2-Nitro-5-methyldiphenyl, 1292.  
 $C_{13}H_{11}O_2N$  2-Nitro-4'-methoxydiphenyl ether, 1722.  
 $C_{13}H_{11}O_2N_3$  2:2'-Dinitro-4-methoxydiphenylamine, 161.  
 $C_{13}H_{12}O_2N_2$  *o*-Azophenol methyl ether, 1314.  
 $C_{13}H_{12}O_3S$   $\beta$ -2-(5-Phenylthienyl)propionic acid, 1745.  
 $C_{13}H_{12}NBr$  Bromobenzhydylamines, 1959.  
 $C_{13}H_{13}ON$  2-Amino-5-methyldiphenyl ether, 1723.  
 Phenyl-2-pyridylmethylcarbinol, and its picrate, 811.  
 $C_{13}H_{13}O_2N$  6-Acetamido-2-methoxynaphthalene, 1399.  
 2-Amino-4'-methoxydiphenyl ether, 1722.  
 6-Methoxy-2-acetylnaphthalene oxime, 1399.  
 $C_{13}H_{13}O_2N$  Euparin oxime, 928.  
 $N$ -2'-Ketocyclohexylideneanthranilic acid, 787.  
 $C_{13}H_{13}O_3N$  5-Hydroxy-6-propionyl-4-methylcoumarin oxime, 1252.  
 $C_{13}H_{13}O_4As$  2-Toloxylphenylarsonic acids, 1723.  
 $C_{13}H_{13}O_5N$  6-Methoxy-3-methylcoumarone-2-pyruvic acid oxime, 1598.  
 $C_{13}H_{13}O_5As$  2-*p*-Anisylxyphenylarsonic acid, 1723.  
 $C_{13}H_{14}O_2N_2$  6-Acetamido-4-hydroxy-2:3-dimethylquinoline, 565.  
 $\beta$ -2-(5-Phenylfuryl)propionhydrazide, 1744.  
 $C_{13}H_{14}NCl$  4-Chloro-2:3:6:8-tetramethylquinoline, 787.  
 $C_{13}H_{15}ON$  *m*-Diallylaminobenzaldehyde, and its salts, 1093.  
 2:3:6:8-Tetramethyl-4-quinolone, 786.  
 $C_{13}H_{15}ON_3$  2:2'-Diamino-4-methoxydiphenylamine, 161.  
 $\beta$ -2-(5-Phenylpyrryl)propionhydrazide, 1744.  
 $C_{13}H_{15}O_2N$   $\beta$ -2-(5-*p*-Methoxyphenylfuryl)ethylamine, hydrochloride of, 1746.  
 $C_{13}H_{15}O_3N$  6-Methoxy-3:7-dimethylcoumarone-2-acetamide, 1600.  
 $C_{13}H_{15}O_4Br$  1-Ethyl 2-hydrogen 3-bromo-5-methoxy-4-ethoxyphthalate, 1164.  
 Methyl 3-bromo-5-methoxy-4-ethoxyphthalate, 1164.  
 $C_{13}H_{15}NS$  2-*iso*Propylthio-4-methylquinoline, 1324.  
 $C_{13}H_{16}O_2N_4$  4-Methoxycyclohexanone 2:4-dinitrophenylhydrazone, 188.  
 $C_{13}H_{17}ON$  Tetrahydroeuparin oxime, 928.  
 $C_{13}H_{17}N_2S$  *cyclo*Hexanone- $\delta$ -phenylthiosemicarbazone, 1049.  
 $C_{13}H_{19}ON$  *m*-Di-*n*-propylaminobenzaldehyde, and its salts, 1093.  
 $C_{13}H_{19}O_4N$  2:3-Dimethyl *l*-arabinose anilide, 754.  
 2:4-Dimethyl *d*-arabinose anilide, 752.  
 $C_{13}H_{19}O_5N$  2-Methylgalactose anilide, 390.  
 $C_{13}H_{21}ON$  *o*-Dimethylaminophenyldiethylcarbinol, 463.  
 $C_{13}H_{21}ON_3$   $\beta$ -*cyclo*Citrylideneacetaldehyde semicarbazone, 1556.  
 $C_{13}H_{23}O_2N_3$  2- $\delta$ -Carbethoxybutylcycloheptanone semicarbazone, 186.  
 $C_{13}H_{23}O_2N$  Dimethyl aminomethylhexoside diacetate, 273.  
 $C_{13}H_{24}ON_2$  Undecane-1-carbonitrile-11-carbonamide, 1256.  
 $C_{13}H_{25}ON_3$  Undecane-1-carbonitrile-11-carbonamidoxime, and its hydrochloride, 1255.

- $C_{13}H_{27}O_2N_3$  Undecane-1-carbonamide-11-carbonamidoxime, and its hydrochloride, 1255.  
 $C_{13}H_{28}O_2N_4$  Undecane-1:11-dicarbonamidoxime, and its dihydrochloride, 1255.

## 13 IV

- $C_{13}H_8O_3N_2Cu$  Copper benzeneazosalicylate, 835.  
 $C_{13}H_5O_3NS_2$  1-Benzenesulphonylbenzisothiazolone, 761.  
 2-Benzenesulphonyloxybenzisothiazole, 761.  
 $C_{13}H_9O_2NS$  5-Keto-4-*o*-nitrobenzylidene-2-methyl-4 : 5-dihydrothiophen-3-carboxylic acid, 1117.  
 $C_{13}H_{10}OClAs$  10-Chloro-4-methylphenoxarsines, 1723.  
 $C_{13}H_{10}O_2ClAs$  10-Chloro-2-methoxyphenoxarsine, 1723.  
 $C_{13}H_{10}NClBr_2$  5-Chloro-7:9-dibromotetrahydroacridine, 786.  
 $C_{13}H_{11}ONBr_2$  7:9-Dibromotetrahydroacridone, 785.  
 $C_{13}H_{11}ONS$  1-Thio-2-ethyl-1:2-dihydro- $\alpha$ -naphthoxazole, 150.  
 $C_{13}H_{11}OCl_2As$  2-Tolyloxyphenyldichloroarsines, 1723.  
 $C_{13}H_{11}O_2Cl_2As$  2-*p*-Anisyloxyphenyldichloroarsine, 1723.  
 $C_{13}H_{11}O_2ClS$  3-Chloro-4-methoxydiphenylsulphone, 906.  
 $C_{13}H_{11}NClBr$  5-Chloro-7-bromotetrahydroacridine, 785.  
 $C_{13}H_{12}O_2NCl$  5-Chlorotetrahydrocarbazole-8-carboxylic acid, 238.  
 $C_{13}H_{13}O_2N_2P$  Phenylphosphorylbenzamidine, sodium salt, 915.  
 $C_{13}H_{13}O_2N_3S$  2:4-Diketo-3-methyltetrahydrothiazole-2-benzylidenehydrazone-5-acetic acid, 1050.  
 2:4-Diketotetrahydrothiazole-2- $\alpha$ -phenylethylidenehydrazone-5-acetic acid, 1049.  
 $C_{13}H_{14}ON_2S$   $\beta$ -2-(5-Phenylthienyl)propionhydrazide, 1745.  
 $C_{13}H_{14}O_2N_2S_2$  Ethyl 1:3-dithian-5-one-4-carboxylate 2:4-dinitrophenylhydrazone, 348.  
 $C_{13}H_{15}ONS$   $\beta$ -2-(5-*p*-Methoxyphenylthienyl)ethylamine, hydrochloride of, 1747.  
 $C_{13}H_{16}NIS$  2-Ethylthiolquinoline ethiodide, 147.  
 $C_{13}H_{28}O_5NI$  Trimethyl methylglucosidyl-2-trimethylammonium iodides, 279.

## 13 V

- $C_{13}H_7O_3NCl_2S_2$  4:6-Dichloro-1-benzenesulphonylbenzisothiazolone, 761.  
 $C_{13}H_7O_3NCIS_2$  4-Chloro-1-benzenesulphonylbenzisothiazolone, 761.  
 $C_{13}H_{10}O_2NCIS$  5-Chloro-2-nitro-4'-methylidiphenyl sulphide, 905.  
 $C_{13}H_{10}O_4NCIS$  5-Chloro-2-nitro-4'-methylidiphenylsulphone, 905.

 $C_{14}$  Group.

- $C_{14}H_{18}$  Octahydrophenanthrenes, 172.  
 $C_{14}H_{22}$  Dodecahydrophenanthrenes, 849.  
 $C_{14}H_{24}$  Perhydrophenanthrenes, stereoisomerism of, 842, 850.  
 $C_{14}H_{26}$  1-Methyl-2-*sec*-.isooctyl- $\Delta^1$ -cyclopentene, 1548.

## 14 II

- $C_{14}H_8O_3$  3-Phenylphthalic anhydride, 396.  
 $C_{14}H_{10}O_2$  Benzil, structure of, 1614.  
 $C_{14}H_{10}O_4$   $\beta$ -Naphthylidenemalononic acid, 200.  
 $C_{14}H_{12}O_2$  2-Methylidiphenyl-4'-carboxylic acid, 1287.  
 $C_{14}H_{12}O_3$  7-Ethyl-3:4-dihydronaphthalene-1:2-dicarboxylic anhydride, 947.  
 Furfurylidene-*p*-methoxyacetophenone, 1745.  
 $C_{14}H_{12}O_4$  Ethyl 6-phenylcoumalin-3-carboxylate, 121.  
 $C_{14}H_{12}O_6$  Ethyl 5-hydroxy-6-acetylcoumarin-3-carboxylate, 134.  
 Ethyl 7-hydroxy-8-acetylcoumarin-3-carboxylate, 951.  
 5-Hydroxy-6-acetyl-8-ethylcoumarin-3-carboxylic acid, 950.  
 $C_{14}H_{14}O_3$  *O*-Methyleuparin, 928.  
 $C_{14}H_{14}O_4$  5-Butyroxy-4-methylcoumarin, 1252.  
 7-Ethyl-3:4-dihydronaphthalene-1:2-dicarboxylic acid, 947.  
 5-Hydroxy-6-butyl-4-methylcoumarin, 1252.  
 $\beta$ -2-(5-*p*-Methoxyphenylfuryl)propionic acid, 1746.  
 $C_{14}H_{14}O_5$  6-Methoxy-3:7-dimethylcoumarone-2-pyruvic acid, 1600.  
 $C_{14}H_{14}O_7$  2:3:6-Triacetoxyacetophenone, 1926.  
 $C_{14}H_{14}N_2$  *cis*-*m*-Azotoluene, 1313.  
*p*-Azotoluene, dipole moment of, 533.  
 $C_{14}H_{15}N$  2-Dimethylaminodiphenyl, 1200.  
 4-Methylbenzhydrylamine, and its *d*-bromocamphorsulphonate, 1959.  
 $C_{14}H_{16}O$   $\alpha$ -Cinnamylidenediethyl ketone, 1563.  
 $C_{14}H_{16}O_2$  *cis*-7-Hydroxy-9-hexahydroxyphenanthrone, 174.  
 2-Methoxymethylethyl- $\alpha$ -tetralones, 942.  
 $\beta$ -4-Methoxy-6-methyl-1-naphthylethyl alcohol, 797.  
 2-Phenylcyclohexylideneacetic acid, 175.  
 $C_{14}H_{16}O_3$  5-Hydroxy-4-methyl-6-butylcoumarin, 1253.  
 $C_{14}H_{16}O_4$  Ethyl 6-methoxy-3:7-dimethylcoumarone-2-carboxylate, 1599.  
 Methyl 4:7-diketo-7-phenylheptoate, 1745.  
 Norpirotic acid, 942.  
 $C_{14}H_{16}O_5$  4:7-Diketo-7-*p*-methoxyphenylheptoic acid, 1745.  
 Ethyl 4:6-dimethoxymethylcoumarone-2-carboxylates, 924.  
 Hydroxynorpirotic acid, 942.  
 $C_{14}H_{16}O_7$  2:5:6-Triacetoxy-3-methoxytoluene, 1455.

- C<sub>14</sub>H<sub>16</sub>N<sub>2</sub>** 4'-Amino-3,4-dimethyldiphenylamine, and its hydrochloride, 1160.  
**C<sub>14</sub>H<sub>17</sub>N<sub>3</sub>** 2:2'-Diamino-4,4'-dimethyldiphenylamine, 160.  
**C<sub>14</sub>H<sub>18</sub>O** 5-Hydroxyhydrindene-1-*spirocyclohexane*, 177.  
*cis*-7-Hydroxyoctahydroxyphenanthrene, 175.  
**C<sub>14</sub>H<sub>18</sub>O<sub>3</sub>** *trans-p-n*-Amyloxyacetic acid, 425.  
*O*-Methyltetrahydroeuparin, 928.  
**C<sub>14</sub>H<sub>18</sub>O<sub>4</sub>** 7-Hydroxy-5-methoxy-8-acetyl-2:2-dimethylchroman, 1259.  
 $\beta$ -Methylethylanisoylpropionic acids, 942.  
**C<sub>14</sub>H<sub>18</sub>O<sub>6</sub>** Ethyl 3:5-dimethoxy-2-formyl-4-methylphenoxyacetate, 924.  
**C<sub>14</sub>H<sub>20</sub>O** *cyclo*Citrylideneacetaldehyde, 1559.  
9-Ketododecahydrophenanthrenes, 846.  
*l*-Methyl  $\gamma$ -*p*-tolylpentyl ketone, 1507.  
**C<sub>14</sub>H<sub>20</sub>O<sub>2</sub>** Phenyl *dl-n*-heptyl- $\gamma$ -carboxylate, 637.  
**C<sub>14</sub>H<sub>20</sub>O<sub>3</sub>**  $\gamma$ -Methylethylanisylbutyric acids, 942.  
Perhydrodiphenic anhydrides, 856.  
**C<sub>14</sub>H<sub>22</sub>O**  $\eta\lambda$ -Dimethyl- $\Delta^{10,12}$ -dodecatetraen-*a*-ol, 1552.  
9-Ketoperhydrophenanthrenes, 847.  
**C<sub>14</sub>H<sub>22</sub>O<sub>1</sub>** Perhydrodiphenic acids, stereoisomeric, 850.  
**C<sub>14</sub>H<sub>23</sub>N** Diisobutylaniline, picrate of, 1386.  
**C<sub>14</sub>H<sub>23</sub>As** Phenyl*di-n*-butylarsine, 1631.  
**C<sub>14</sub>H<sub>24</sub>O** 2-Hydroxyperhydrophenanthrene, 175.  
9-Hydroxyperhydrophenanthrene, 848, 854.  
**C<sub>14</sub>H<sub>24</sub>O<sub>2</sub>** 2:10-Dihydroxyperhydrophenanthrene, 175.  
Ethyl 5:9-dimethyl- $\Delta^{3,8}$ -decadienate, 1548.  
**C<sub>14</sub>H<sub>24</sub>O<sub>3</sub>** 2- $\delta$ -Carbethoxybutyl*cycloheptanone*, 186.  
**C<sub>14</sub>H<sub>24</sub>N<sub>2</sub>** *p*-Aminodiisobutylaniline, hydrochloride of, 1385.  
**C<sub>14</sub>H<sub>26</sub>O** 2-*n*-Heptyl*cycloheptanone*, 186.  
 $\beta$ -3'-Hydroxycyclohexylethyl*cyclohexane*, 176.  
**C<sub>14</sub>H<sub>26</sub>O<sub>2</sub>** Ethyl 5:9-dimethyl- $\Delta^3$ -decenoate, 1547.  
**C<sub>14</sub>H<sub>26</sub>O<sub>4</sub>** *a-sec.-iso*Octyladipic acid, 1548.

## 14 III

- C<sub>14</sub>H<sub>10</sub>N<sub>3</sub>** 4:6:4'-Trinitrodiphenic acid, resolution of, 98.  
**C<sub>14</sub>H<sub>8</sub>O<sub>6</sub>S** Diphenylenesulphone-3:6-dicarboxylic acid, 152.  
**C<sub>14</sub>H<sub>9</sub>O<sub>4</sub>N** Carbazole-3:6-dicarboxylic acid, 1954.  
**C<sub>14</sub>H<sub>10</sub>ON<sub>2</sub>**  $\omega$ -Diaz-*o*-phenylacetophenone, 1840.  
**C<sub>14</sub>H<sub>10</sub>Cl<sub>2</sub>S<sub>2</sub>** Bis-(2:5-dichlorophenylthio)ethane, 1067.  
**C<sub>14</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>** 3-Anilinoththalhydrazide, 138.  
**C<sub>14</sub>H<sub>11</sub>NS<sub>2</sub>** 1-Thio-2-benzyl-1:2-dihydrobenzthiazole, 475.  
**C<sub>14</sub>H<sub>12</sub>ON<sub>3</sub>** 2-Methoxy-7-methylphenazine, 161.  
**C<sub>14</sub>H<sub>12</sub>O<sub>5</sub>S** 5-Keto-4-*o*-methoxybenzylidene-2-methyl-4:5-dihydrothiophen-3-carboxylic acid, 1117.  
**C<sub>14</sub>H<sub>12</sub>O<sub>6</sub>N<sub>4</sub>** Resacetophenone 2:4-dinitrophenylhydrazone, 1018.  
**C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>Au** Ammonium 4:5-(*o*)-phenanthrolineaurocyanide, 428.  
**C<sub>14</sub>H<sub>13</sub>ON<sub>3</sub>**  $\alpha$ -Benziloxime hydrazone, 262.  
**C<sub>14</sub>H<sub>13</sub>O<sub>2</sub>N** Salicylomethylamide, 488.  
**C<sub>14</sub>H<sub>13</sub>O<sub>3</sub>N** 2-Nitrodiphenyl ethers, 1722.  
**C<sub>14</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>** 2:2'-Dinitro-4-methoxy-4'-methyldiphenylamine, 160.  
**C<sub>14</sub>H<sub>13</sub>NS<sub>2</sub>** 2-Benzylthio- $\beta$ -naphththiazole, 476.  
**C<sub>14</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** *cis-p*-Azoanisole, 1314.  
*cis*-Dimethoxyazobenzenes, 1314.  
**C<sub>14</sub>H<sub>14</sub>O<sub>2</sub>N<sub>4</sub>** Diphenyl-4:4'-dicarbonamidoxime, and its dihydrochloride, 1256.  
**C<sub>14</sub>H<sub>14</sub>O<sub>5</sub>S**  $\beta$ -2-(5-*p*-Methoxyphenylthienyl)propionic acid, 1746.  
**C<sub>14</sub>H<sub>14</sub>Cl<sub>2</sub>As<sub>2</sub>** Ethylene- $\alpha\beta$ -bis(phenylchloroarsine), 612.  
**C<sub>14</sub>H<sub>14</sub>I<sub>2</sub>As<sub>2</sub>** Ethylene- $\alpha\beta$ -bis(phenyliodoarsine), 613.  
**C<sub>14</sub>H<sub>15</sub>ON** 2-Aminodimethyldiphenyl ethers, 1722.  
2-Benzylidene-3-ketoquinuclidine, 1243.  
2-Dimethylaminodiphenyl ether, 1200.  
**C<sub>14</sub>H<sub>15</sub>ON<sub>2</sub>** 2-Methyl-8-acetonaphthone semicarbazone, 793.  
**C<sub>14</sub>H<sub>15</sub>O<sub>2</sub>N** Acetyl- $\beta$ -2-(5-phenylfuryl)ethylamine, 1745.  
**C<sub>14</sub>H<sub>15</sub>O<sub>2</sub>N**  $\beta$ -2-(5-*p*-Methoxyphenylpyrrol)propionic acid, 1746.  
Methyl  $\beta$ -2-(5-phenylfuryl)ethylcarbamate, 1744.  
*cis*-7-Nitro-9-keto-octahydrophenanthrene, 174.  
**C<sub>14</sub>H<sub>15</sub>O<sub>3</sub>N<sub>3</sub>** Euparin semicarbazone, 928.  
**C<sub>14</sub>H<sub>15</sub>O<sub>2</sub>N** 5-Hydroxy-6-butyl-4-methylcoumarin oxime, 1252.  
**C<sub>14</sub>H<sub>15</sub>O<sub>4</sub>As** 2-(Dimethylphenoxy)phenylarsonic acids, 1723.  
**C<sub>14</sub>H<sub>15</sub>O<sub>2</sub>N** 6-Methoxy-3:7-dimethylcoumarone-2-pyruvic acid oxime, 1600.  
**C<sub>14</sub>H<sub>16</sub>O<sub>3</sub>N<sub>2</sub>**  $\beta$ -2-(5-*p*-Methoxyphenylfuryl)propionhydrazide, 1746.  
**C<sub>14</sub>H<sub>16</sub>O<sub>4</sub>As<sub>2</sub>** Ethylene- $\alpha\beta$ -bis(phenylarsonic acid), 612.  
**C<sub>14</sub>H<sub>17</sub>ON** *cis*-7-Amino-9-keto-octahydrophenanthrene, 174.  
**C<sub>14</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 2:2'-Diamino-4,4'-dimethoxydiphenylamine, 160.  
 $\beta$ -2-(5-*p*-Methoxyphenylpyrrol)propionhydrazide, 1746.  
**C<sub>14</sub>H<sub>18</sub>ON<sub>4</sub>** *m*-Diallylaminobenzaldehyde semicarbazone, 1094.  
**C<sub>14</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** Hypaphorine, and its flavianate, 1841.  
**C<sub>14</sub>H<sub>18</sub>O<sub>3</sub>N<sub>2</sub>** Ethyl  $\beta$ -*p*-acetamidophenylaminocrotonate, 565.

- $C_{14}H_{18}O_5N_4$  4-Methoxycycloheptanone 2:4-dinitrophenylhydrazone, 189.  
 $C_{14}H_{16}O_3N$  *O*-Methyltetrahydroeuparin oxime, 928.  
 $C_{14}H_{16}O_3N$  6-Cyano-5:7-dimethoxy-2:2-dimethylchroman oxime, 1261.  
 2:4-Dimethyl 3:6-anhydro-*D*-galactose anilide, 1848.  
 $C_{14}H_{19}O_2N$  Butyl tartraniates, 640.  
 $C_{14}H_{19}N_2S$  3-Methylcyclohexanone- $\delta$ -phenylthiosemicarbazone, 1050.  
 $C_{14}H_{20}O_3S$  2-*p*-Toluenesulphonyl  $\beta$ -methylgalactose, 1250.  
 $C_{14}H_{21}ON$  9-Ketododecahydrophenanthrene oximes, 846.  
 $C_{14}H_{21}O_2N$  2:4-Dimethyl galactosanilide, 1737.  
 4:6-Dimethyl *D*-galactosanilide, 1488.  
 Dimethylglucoseanilide, 584.  
 $C_{14}H_{22}ON_2$  *p*-Nitrosodiisobutylaniline, and its hydrochloride, 1385.  
 $C_{14}H_{22}ON_4$  *m*-Di-*n*-propylaminobenzaldehyde semicarbazone, 1093.  
 $C_{14}H_{22}O_6N_2$  2:4-Dimethyl galactonic phenylhydrazide, 1737.  
 $C_{14}H_{22}NI$  *o*-( $\beta$ -Methyl- $\alpha$ -ethylvinyl)phenyltrimethylammonium iodide, 463.  
 $C_{14}H_{23}ON$  9-Ketoperhydrophenanthrene oximes, 847.  
 $C_{14}H_{23}ON_3$  Perhydrofluorenone semicarbazone, 857.  
 $C_{14}H_{25}O_3N$  2- $\delta$ -Carbethoxybutylcycloheptanone oxime, 186.  
 $C_{14}H_{27}ON$  2-*n*-Heptylcycloheptanoneoxime, 186.  
 $C_{14}H_{27}O_2Br$  Ethyl bromo-5:9-dimethyldecoate, 1547.

## 14 IV

- $C_{14}H_8O_{10}Br_2S_2$  Tetrabromoanthrarufin-2:6-disulphonic acid, and its potassium salt, 818.  
 $C_{14}H_8O_4N_2Cl$  3-Chloro-*N*-*p*-nitrophenylphthalimide, 137.  
 $C_{14}H_8O_4BrS$  4-Bromo-1-hydroxyanthraquinone-2-sulphonic acid, 818.  
 $C_{14}H_8O_4BrS$  4-Bromoalizarin-3-sulphonic acid, potassium salt, 818.  
 $C_{14}H_8ONCl_3$  Trichloroacetylcarbazole, 1954.  
 $C_{14}H_8N_4KAu$  Potassium 4:5(*o*)-phenanthrolineaurocyanide, 428.  
 $C_{14}H_8N_4TlAu$  Thallous 4:5(*o*)-phenanthrolineaurocyanide, 428.  
 $C_{14}H_8ON_3Cl$  Oximinophenylacetonitrile chlorophenyl ethers, 775.  
 $C_{14}H_{10}NClS_2$  4-Chloro-1-benzylthiobenzthiazole, 476.  
 $C_{14}H_{10}O_3NS_2$  1-*p*-Toluenesulphonylbenzisothiazolone, 761.  
 2-*p*-Toluenesulphonyloxybenzisothiazole, 761.  
 $C_{14}H_{11}O_3NS_2$  *N*-*p*-Toluenesulphonyl-*o*-benzoic sulphinide, 761.  
 $C_{14}H_{12}ONCl$  Formochlorobenzhydramide, 1960.  
 $C_{14}H_{12}ONBr$  Formo-4-bromobenzhydramide, 1959.  
 $C_{14}H_{12}ONI$  Formo-*dl*-4-iodobenzhydramide, 1960.  
 $C_{14}H_{12}OClAs$  10-Chlorodimethylphenoxarsines, 1723.  
 $C_{14}H_{12}O_2N_2S$  4-Nitro-3-acetamidodiphenylsulphone, 905.  
 $C_{14}H_{12}OCl_2As$  2-(Dimethylphenoxy)phenyldichloroarsines, 1723.  
 $C_{14}H_{13}O_3NS$  3-Acetamidodiphenylsulphone, 905.  
 $C_{14}H_{14}ONBr$  Bromoacetyltetrahydrocarbazoles, 238.  
 $C_{14}H_{14}ONBr$  8-Bromo-6-acetyl-*h*-indoxylspirocyclopentane, 239.  
 $C_{14}H_{15}ONS$  Acetyl- $\beta$ -2-(5-phenylthienyl)ethylamine, 1745.  
 $C_{14}H_{15}O_2NS$  Methyl  $\beta$ -2-(5-phenylthienyl)ethylcarbamate, 1745.  
 $C_{14}H_{15}O_3NS$  2:4-Diketo-3-phenyltetrahydrothiazole-2-*iso*propylidenehydrazone-5-acetic acid, 1049.  
 $C_{14}H_{15}O_4NS$  3-Nitro-4-dimethylaminobenzenesulphonanilide, 1702.  
 $C_{14}H_{16}O_3N_2S$   $\beta$ -2-(5-*p*-Methoxyphenylthienyl)propionhydrazide, 1746.  
 $C_{14}H_{16}O_3NCl$  7-Chloro-10:11-dihydroxy-9-acetylhexahydrocarbazole, 239.  
 $C_{14}H_{16}O_3NBr$  7-Bromo-10:11-dihydroxy-9-acetylhexahydrocarbazole, 239.  
 $C_{14}H_{16}O_3NP$  Guanine-uridylic acid, 907.  
 $C_{14}H_{17}O_3N_2S$  2:4-Diketo-3-methyltetrahydrothiazole-2- $\alpha$ -phenylethylidenehydrazone-5-acetic acid, 1050.  
 $C_{14}H_{20}ONAs$   $\beta$ -Phenylpropionopiperidine-*p*-arsonic acid, and its sodium salt, 158.  
 $C_{14}H_{22}ONCl$  Dodecahydrophenanthrene nitrosochloride, 849.  
 $C_{14}H_{22}ONI$  *m*-Di-*n*-propylaminobenzaldehyde methiodide, 1093.  
 $C_{14}H_{30}N_2Br_2Au_2$  *NN*-Diethylethylenediaminotetraethylbromodigold, 767.

## 14 V

- $C_{14}H_{10}O_3NClS_2$  4-Chloro-1-*p*-toluenesulphonylbenzisothiazolone, 761.

 $C_{15}$  Group.

- $C_{15}H_{22}$  *l*- $\alpha$ - and  $\beta$ -Curcumenes, 1506.  
 $C_{15}H_{24}$  Caryophyllene, constitution of, 537.  
 9-Methyldodecahydrophenanthrene, 850.

## 15 II

- $C_{15}H_{10}O_4$  5:6-Dihydroxyflavone, 960.  
 $C_{15}H_{10}N_2$  1:2-Pyrido-8:9-benzo-4:5-benz-1:3-diazaline, 1064.  
 $C_{15}H_{11}N_3$  1:2-Pyrido-7-amino-8:9-benzo-4:5-benz-1:3-diazaline, 1064.  
 1:2-Quinolo-7-amino-4:5-benz-1:3-diazaline, 1061.  
 1:2(2':1')-*iso*Quinolo-7(or 9)-amino-4:5-benz-1:3-diazaline, 1062.  
 1:2(2':1')-*iso*Quinolo-7-amino-4:5-benz-1:3-diazaline, 1063.  
 $C_{15}H_{12}O_3$  2-Methyl-2'-*isopropenyl*furo(4':5':6:7)chromone, 936.

- C<sub>15</sub>H<sub>12</sub>O<sub>4</sub>** 2':3':4-Trimethylchromono-7':8':6:5-*a*-pyrone, 1252.  
**C<sub>15</sub>H<sub>12</sub>O<sub>5</sub>** Butein, 1018.  
**C<sub>15</sub>H<sub>12</sub>O<sub>6</sub>** 7-Acetoxy-3:8-diacetylcoumarin, 951.  
 Ethyl 7-methoxy-5:6:4:5'-furocoumarin-2'-carboxylate, 931.  
**C<sub>15</sub>H<sub>14</sub>O<sub>3</sub>** Dunniones, 1526.  
 Ethyl 3-hydroxydiphenyl-4-carboxylate, 122.  
 2-Hydroxy-6-benzyloxyacetophenone, 1924.  
 Xyloquinol benzoates, 544.  
**C<sub>15</sub>H<sub>14</sub>O<sub>4</sub>** 2:5-Dihydroxy-6-benzyloxyacetophenone, 1924.  
 Euparin acetate, 928.  
 6-Hydroxy-5-acetoacetyl-2-*isopropenyl*coumarone, 936.  
**C<sub>15</sub>H<sub>14</sub>O<sub>5</sub>** 5-Acetoxy-6-propionyl-4-methylcoumarin, 1252.  
 5-Hydroxy-3:6-diacetyl-8-ethylcoumarin, 950.  
**C<sub>15</sub>H<sub>14</sub>O<sub>6</sub>** Methyl 5-hydroxy-3-acetyl-8-ethylcoumarin-6-carboxylate, 301.  
**C<sub>15</sub>H<sub>14</sub>O<sub>7</sub>** Vitexin, 1635.  
**C<sub>15</sub>H<sub>14</sub>N<sub>2</sub>** 1:2-Tetrahydropyrido-8:9-benzo-3:5-benz-1:3-diazaline, 1065.  
**C<sub>15</sub>H<sub>15</sub>N<sub>3</sub>** 1:2-Tetrahydropyrido-7-amino-8:9-benzo-4:5-benz-1:3-diazaline, 1064.  
**C<sub>15</sub>H<sub>16</sub>O** 7-Methoxy-1:2:3:4-tetrahydrophenanthrene, 175.  
**C<sub>15</sub>H<sub>16</sub>O<sub>2</sub>** Xyloquinol benzyl ethers, 543.  
**C<sub>15</sub>H<sub>16</sub>O<sub>3</sub>** Ethyl  $\beta$ -2-(5-phenylfuryl)propionate, 1744.  
 2-Methoxy-2'-ethoxydiphenyl ether, 1165.  
 2-Methoxy-3-ethoxydiphenyl ether, 1168.  
 3-Methoxy-2-ethoxydiphenyl ether, 1166.  
 2-Methyl-2'-*isopropyl*-2':3'-dihydrofuro(4':5':6:7)chromone, 936.  
**C<sub>15</sub>H<sub>16</sub>O<sub>4</sub>** 5-Methoxy-6-butyl-4-methylcoumarin, 1252.  
**C<sub>15</sub>H<sub>16</sub>O<sub>9</sub>** Cichorin, 1267.  
**C<sub>15</sub>H<sub>18</sub>O<sub>3</sub>** Parasantonide, circular dichroism and rotatory dispersion of, in ultra-violet, 889.  
 Santonide, circular dichroism and rotatory dispersion of, in ultra-violet, 889.  
 Santonin, addition of magnesium iodide to, 1961.  
**C<sub>15</sub>H<sub>18</sub>O<sub>4</sub>** Ethyl 4:7-diketo-7-phenylheptoate, 1744.  
 6-Hydroxy-5-acetoacetyl-2-*isopropyl*coumaran, 936.  
 Methyl norpicrotate, 942.  
 Tetrahydroeuparin acetate, 928.  
**C<sub>15</sub>H<sub>18</sub>O<sub>5</sub>** Methoxynorpicrotic acid, 942.  
 Methyl 4:7-diketo-7-*p*-methoxyphenylheptoate, 1746.  
**C<sub>15</sub>H<sub>20</sub>O** 5-Methoxyhydrindene-1-*spirocyclohexane*, 177.  
**C<sub>15</sub>H<sub>20</sub>O<sub>2</sub>** 2-( $\gamma$ -*m*-Methoxyphenylpropyl)*cyclopentanone*, 1405.  
**C<sub>15</sub>H<sub>20</sub>O<sub>3</sub>** *trans-p-n*-Hexyloxycinnamic acid, 425.  
 $\gamma$ -(5-Methoxy-1:2:3:4-tetrahydro-1-naphthyl)butyric acid, 790.  
**C<sub>15</sub>H<sub>20</sub>O<sub>5</sub>** Ethyl hydroxynorpicrotate, 942.  
**C<sub>15</sub>H<sub>20</sub>O<sub>7</sub>** Dihydro- $\alpha$ -picrotoxic acid, 1265.  
**C<sub>15</sub>H<sub>21</sub>N**  $\beta$ -Curcumenonitrile, 1509.  
**C<sub>15</sub>H<sub>22</sub>O** *l*- $\beta$ -Curcumenal, 1509.  
 Eremophilone, constitution of, 87.  
 $\beta$ -*m*-Methoxyphenylethyl*cyclohexane*, 176.  
**C<sub>15</sub>H<sub>22</sub>O<sub>2</sub>** Hydroxyeremophilone, constitution of, 87.  
**C<sub>15</sub>H<sub>23</sub>O<sub>2</sub>** Hydroxydihydroeremophilone, 87.  
**C<sub>15</sub>H<sub>23</sub>N** *o*-Dimethylamino- $\beta\beta$ -dimethyl-*a*-*isopropylstyrene*, 462.  
**C<sub>15</sub>H<sub>24</sub>O** Caryophyllene oxide, 539.  
 Dihydrocaryophyllene aldehyde, 539.  
**C<sub>15</sub>H<sub>25</sub>N** *l*-Dihydro- $\alpha$ -curcumenylamine, 1506.  
**C<sub>15</sub>H<sub>26</sub>O** Dihydrocaryophyllene oxides, 539.  
**C<sub>15</sub>H<sub>26</sub>N<sub>2</sub>** 2-Decylaminopyridine, 1856.  
 1-Decyl-2-pyridoneimine, sulphate of, 1856.  
**C<sub>15</sub>H<sub>32</sub>N<sub>2</sub>** Tetradecanecarbonamide, hydrochloride of, 1257.

## 15 III

- C<sub>15</sub>H<sub>9</sub>O<sub>2</sub>N<sub>3</sub>** 1:2-Pyrido-7-nitro-8:9-benzo-4:5-benz-1:3-diazaline, 1064.  
 1:2-Quinolo-7-nitro-4:5-benz-1:3-diazaline, 1061.  
 1:2(2':1')-*iso*Quinolo-7-nitro-4:5-benz-1:3-diazaline, 1063.  
 1:2(2':1')-*iso*Quinolo-7(or 9)-nitro-4:5-benz-1:3-diazaline, 1062.  
**C<sub>15</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>** 5-Nitroindeno(2':3':2'')indole, 1535.  
**C<sub>15</sub>H<sub>10</sub>O<sub>4</sub>N<sub>4</sub>** *N*-2':4'-Dinitrophenyl-2-aminoquinoline, 1061.  
 $N$ -2':4'-Dinitrophenyl-1-amino*iso*quinoline, 1062.  
**C<sub>15</sub>H<sub>11</sub>O<sub>2</sub>N** 3-Methylacridone-6-carboxylic acid, 139.  
 Phthalo-4'-methoxyphenylimide, 1170.  
**C<sub>15</sub>H<sub>12</sub>ON<sub>2</sub>** Oximinophenylacetone nitrile tolyl ethers, 775.  
**C<sub>15</sub>H<sub>12</sub>O<sub>2</sub>S** 5-Keto-4-cinnamylidene-2-methyl-4:5-dihydrothiophen-3-carboxylic acid, 1117.  
**C<sub>15</sub>H<sub>12</sub>O<sub>2</sub>N<sub>4</sub>** 2:4-Dihydroxy-3-formylacetophenone 2:4-dinitrophenylhydrazone, 134.  
 Myristinaldehyde 2:4-dinitrophenylhydrazide, 443.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>N<sub>4</sub>** 2:4:6-Trihydroxy-3-formylacetophenone 2:4-dinitrophenylhydrazide, 951.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>** 3-*p*-Toluidinophthalhydrazide, 139.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>** 3-*p*-Anisidinophthalhydrazide, 139.  
**C<sub>15</sub>H<sub>14</sub>O<sub>3</sub>N** 4'-Nitrosoacetamido-4-methoxydiphenyl, 1285.

- C<sub>15</sub>H<sub>14</sub>O<sub>4</sub>N<sub>4</sub>** 2:4-Dinitrobenzylidene-*p*-dimethylaminoaniline, 772.  
**C<sub>15</sub>H<sub>14</sub>O<sub>6</sub>N<sub>4</sub>** 2-*O*-Methylresacetophenone 2:4-dinitrophenylhydrazone, 929.  
**C<sub>15</sub>H<sub>15</sub>ON<sub>3</sub>** 1-[2'-Amino-4'-hydroxyphenyl]-5-methyl-2-methylbenzimidazole, 162.  
**C<sub>15</sub>H<sub>15</sub>O<sub>2</sub>N** Salicylethylanilide, 488.  
**C<sub>15</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** 5-Methoxy-1-[2'-amino-4'-hydroxyphenyl]-2-methylbenzimidazole, 162.  
**C<sub>15</sub>H<sub>16</sub>O<sub>2</sub>N<sub>4</sub>** Diphenylmethane-4:4'-dicarbonamidoxime, and its dihydrochloride, 1256.  
**C<sub>15</sub>H<sub>16</sub>O<sub>3</sub>S** Methyl  $\beta$ -2-(5-*p*-methoxyphenylthienyl)propionate, 1746.  
**C<sub>15</sub>H<sub>16</sub>NCl** 5-Chloro-7:9-dimethyltetrahydroacridine, 786.  
**C<sub>15</sub>H<sub>17</sub>ON<sub>3</sub>** 2-Methyl-6-propionaphthone semicarbazone, 794.  
**C<sub>15</sub>H<sub>17</sub>O<sub>2</sub>N** Ethyl  $\beta$ -2-(5-phenylpyrryl)propionate, 1744.  
**C<sub>15</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 6-Nitro-4-piperidino-2-quinaldine, 566.  
**C<sub>15</sub>H<sub>17</sub>O<sub>3</sub>N<sub>3</sub>** Dunnione semicarbazone, 1526.  
**C<sub>15</sub>H<sub>17</sub>O<sub>2</sub>N** Methyl  $\beta$ -2-(5-*p*-methoxyphenylfuryl)ethylcarbamate, 1746.  
**C<sub>15</sub>H<sub>18</sub>ON<sub>2</sub>** 1-Phenyl-3-methyl-4-*cyclopentyl*-5-pyrazolone, 1548.  
**C<sub>15</sub>H<sub>18</sub>O<sub>4</sub>N<sub>4</sub>** *dl*-Cryptone 2:4-dinitrophenylhydrazone, 1532.  
 Sabina ketone 2:4-dinitrophenylhydrazone, 1417.  
**C<sub>15</sub>H<sub>18</sub>O<sub>6</sub>N<sub>2</sub>** *trans*-4-Methylcyclohexyl-1-carbinyl 3:5-dinitrobenzoate, 1247.  
**C<sub>15</sub>H<sub>19</sub>O<sub>2</sub>N<sub>3</sub>** *dl*-Cryptone *p*-nitrophenylhydrazone, 1532.  
**C<sub>15</sub>H<sub>19</sub>O<sub>4</sub>N** *trans*-4-Methylcyclohexyl-1-carbinyl *p*-nitrobenzoate, 1247.  
**C<sub>15</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl  $\beta$ -*p*-acetamidophenylamino- $\alpha$ -methylcrotonate, 565.  
**C<sub>15</sub>H<sub>20</sub>O<sub>4</sub>N<sub>4</sub>** 4-Methylcyclohexanone 2:4-dinitrophenylhydrazone, 187.  
**C<sub>15</sub>H<sub>21</sub>O<sub>2</sub>N<sub>3</sub>** *trans*-4-Methylcyclohexyl-1-carbinyl phenylurethane, 1247.  
**C<sub>15</sub>H<sub>21</sub>O<sub>2</sub>N<sub>3</sub>** 2-Methoxymethylethyl- $\alpha$ -tetralone semicarbazones, 942.  
**C<sub>15</sub>H<sub>21</sub>O<sub>4</sub>N<sub>3</sub>**  $\beta$ -Methylethylanisoylpropionic acid semicarbazones, 942.  
**C<sub>15</sub>H<sub>21</sub>O<sub>5</sub>N** (-)- $\beta$ -*n*-Amyl (+)-tartranilate, 639.  
 $\beta$ -Methyl-*n*-butyl (+)-tartranilate, 639.  
**C<sub>15</sub>H<sub>21</sub>O<sub>2</sub>N** *N*-Carbobenzylloxymethylglucosaminides, 125.  
**C<sub>15</sub>H<sub>23</sub>ON** *l*- $\beta$ -Curcumenal oxime, 1509.  
**C<sub>15</sub>H<sub>23</sub>ON<sub>3</sub>** *cyclo*Citrylideneacetaldehyde semicarbazone, 1559.  
**C<sub>15</sub>H<sub>23</sub>O<sub>2</sub>N** 2:4:6-Trimethyl *d*-galactose anilide, 1486.  
 2:3:4-Trimethylglucoseanilide, 584.  
**C<sub>15</sub>H<sub>25</sub>ON** *o*-Dimethylaminophenyldiisopropylcarbinol, 462.  
**C<sub>15</sub>H<sub>25</sub>ON<sub>2</sub>** Tridecane-1-carbonitrile-13-carbonamide, 1257.  
**C<sub>15</sub>H<sub>25</sub>ON<sub>3</sub>** Tridecane-1-carbonitrile-13-carbonamidoxime, and its hydrochloride, 1256.  
**C<sub>15</sub>H<sub>25</sub>O<sub>2</sub>N<sub>2</sub>** Tridecane-1:13-dicarbonamide, 1257.  
**C<sub>15</sub>H<sub>25</sub>O<sub>2</sub>N<sub>3</sub>** Tridecane-1-carbonamide-13-carbonamidine, hydrochloride of, 1257.  
**C<sub>15</sub>H<sub>25</sub>O<sub>2</sub>N<sub>1</sub>** Tridecane-1:13-dicarbonamidoxime, and its dihydrochloride, 1256.

## 15 IV

- C<sub>15</sub>H<sub>9</sub>O<sub>2</sub>NCl** 3:6-Dichloro-*N*-*p*-tolylphthalimide, 137.  
**C<sub>15</sub>H<sub>10</sub>O<sub>2</sub>NCl** 3-Chloro-*N*-*p*-tolylphthalimide, 136.  
**C<sub>15</sub>H<sub>10</sub>O<sub>3</sub>NCl** 3-Chloro-*N*-*p*-anisylphthalimide, 136.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>S** *p*-(2-Quinolylamino)benzenesulphonamide, and its hydrochloride, 1202.  
**C<sub>15</sub>H<sub>14</sub>ONCl** Acetyl-*dl*-4-chlorobenzhydramide, 1960.  
**C<sub>15</sub>H<sub>14</sub>ONBr** Bromobenzhydralacetamides, 1959.  
**C<sub>15</sub>H<sub>14</sub>ONI** Iodobenzhydralacetamides, 1960.  
**C<sub>15</sub>H<sub>14</sub>ON<sub>2</sub>S<sub>2</sub>** 5:4'-(1'-Methyl-1':4'-dihydroquinolyldiene)-3-ethylrhodanine, 1013.  
**C<sub>15</sub>H<sub>17</sub>ON<sub>3</sub>Cl** Chloro-1-[2'-amino-4'-hydroxyphenyl]-5-methyl-2-methylbenzimidazole, 162.  
**C<sub>15</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>Cl** Chloro-5-methoxy-1-[2'-amino-4'-hydroxyphenyl]-2-methylbenzimidazole, 162.  
**C<sub>15</sub>H<sub>16</sub>O<sub>2</sub>N<sub>3</sub>Fe** Benzyl dimethyltelluronium picrate, 166.  
**C<sub>15</sub>H<sub>16</sub>O<sub>4</sub>N<sub>3</sub>As**  $\beta$ -Phenylpropionanilide-*p*-arsonic acid, and its sodium salt, 158.  
**C<sub>15</sub>H<sub>17</sub>O<sub>2</sub>NS** Acetyl- $\beta$ -2-(5-*p*-methoxyphenylthienyl)ethylamine, 1747.  
**C<sub>15</sub>H<sub>17</sub>O<sub>2</sub>NS** Methyl  $\beta$ -2-(5-*p*-methoxyphenylthienyl)ethylcarbamate, 1746.  
**C<sub>15</sub>H<sub>20</sub>O<sub>5</sub>NBr**  $\beta$ -Methyl-*n*-butyl (+)-*p*-bromotartranilate, 640.

C<sub>16</sub> Group.

- C<sub>16</sub>D<sub>10</sub>** Decadeuteropyrene, 430.

## 16 II

- C<sub>16</sub>H<sub>10</sub>O<sub>5</sub>** 6-*O*-Benzoylæsculetin, 1267.  
**C<sub>16</sub>H<sub>10</sub>N<sub>2</sub>** Calycanine, 510.  
 4:4'-Dicyanostilbene, 1256.  
**C<sub>16</sub>H<sub>12</sub>O<sub>4</sub>** 5-Hydroxy-6-methoxyflavone, 961.  
 8-Hydroxy-7-methoxyflavone, 961.  
**C<sub>16</sub>H<sub>12</sub>Cl<sub>2</sub>** 9:10-Di(chloromethyl)anthracene, 805.  
**C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>** 8-Methoxy-1-methylphenanthrene, 788, 791.  
**C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>** 5-Phenyl-5:8:9:10-tetrahydro- $\alpha$ -naphthaquinone, 396.  
**C<sub>16</sub>H<sub>14</sub>O<sub>3</sub>** 6-Benzoyloxy-4-methoxycoumarone, 933.  
**C<sub>16</sub>H<sub>14</sub>O<sub>4</sub>** 4:2'-Dimethyl-3'-ethylchromono-7':8':6:5- $\alpha$ -pyrone, 1252.  
**C<sub>16</sub>H<sub>14</sub>O<sub>5</sub>** 6'-Methoxy-3':3'-dimethyl-2':3'-dihydrobenzofurano-(2':3':5:4)- $\Delta^{2:5}$ -*cyclohexadienone*-2-carboxylic acid, 1598.



- C<sub>16</sub>H<sub>14</sub>O<sub>8</sub>** 4:4'-Dihydroxy-3:3'-dimethoxydiphenyl-5:5'-dialdehyde, 1927.  
**C<sub>16</sub>H<sub>16</sub>O<sub>3</sub>** Lapachol methyl ether, 884.  
 2-Methoxy-4-benzyloxyacetophenone, 929.  
**C<sub>16</sub>H<sub>16</sub>O<sub>5</sub>** 5-Acetoxy-6-butyryl-4-methylcoumarin, 1252.  
 5-Carboxy-3-methoxy-2-ethoxydiphenyl ether, 1166.  
 5-Phenoxy-4-methoxy-3-ethoxybenzoic acid, 1167.  
**C<sub>16</sub>H<sub>16</sub>O<sub>7</sub>** Methyl 5-hydroxy-3-carbethoxy-8-ethylcoumarin-6-carboxylate, 301.  
**C<sub>16</sub>H<sub>18</sub>O<sub>3</sub>** 2:2'-Diethoxydiphenyl ether, 1165.  
**C<sub>16</sub>H<sub>18</sub>O<sub>4</sub>** Ethyl  $\beta$ -2-(5-*p*-methoxyphenylfuryl)propionate, 1746.  
 5'-Methoxy-2:2':2'-trimethylchromano-8':7':5:6- $\gamma$ -pyrone, 1259.  
**C<sub>16</sub>H<sub>20</sub>O** 9-Acetyloctahydrophenanthrene, 1364.  
**C<sub>16</sub>H<sub>20</sub>O<sub>2</sub>** 1-Methyloctahydrophenanthrene-1-carboxylic acid, 1301.  
 1- $\beta$ -Phenylethyl-2-methyl- $\Delta^6$ -cyclohexene-2-carboxylic acid, 1301.  
**C<sub>16</sub>H<sub>20</sub>O<sub>4</sub>** Ethyl norpicrotate, 941.  
 4-Methylcyclohexyl-1-carbinyl hydrogen phthalates, 1247.  
**C<sub>16</sub>H<sub>20</sub>O<sub>5</sub>**  $\beta$ -(5-Methoxy-1:2:3:4-tetrahydro-1-naphthyl)ethylmalonic acid, 790.  
 Methyl methoxynorpicrotate, 942.  
**C<sub>16</sub>H<sub>22</sub>O<sub>3</sub>** *trans-p-n*-Heptyloxycinnamic acid, 425.  
**C<sub>16</sub>H<sub>22</sub>O<sub>4</sub>** *dl*- $\beta$ -Ethyl-*n*-hexyl hydrogen phthalate, 637.  
**C<sub>16</sub>H<sub>24</sub>O<sub>2</sub>** Methyl  $\beta$ -curcumenylate, 1509.  
**C<sub>16</sub>H<sub>24</sub>O<sub>3</sub>** *p-n*-Nonyloxybenzoic acid, 424.  
**C<sub>16</sub>H<sub>26</sub>O<sub>4</sub>** Methyl perhydrodiphenate, 855.  
**C<sub>16</sub>H<sub>27</sub>N** Diisoamylaniline, and its picrate, 1386.  
**C<sub>16</sub>H<sub>28</sub>O<sub>3</sub>** Ethyl 2-*sec*-isooctylcyclopentanone-2-carboxylate, 1548.  
**C<sub>16</sub>H<sub>28</sub>N<sub>2</sub>** *p*-Aminodiisoamylaniline, hydrochloride of, 1384.  
 2-Undecylaminopyridine, 1856.  
 1-Undecyl-2-pyridoneimine, salts, 1857.  
**C<sub>16</sub>H<sub>30</sub>N<sub>4</sub>** 1:10-Bis-(4:5-dihydro-2-glyoxalanyl)decane, and its salts, 1257.  
**C<sub>16</sub>H<sub>32</sub>O<sub>2</sub>** Palmitic acid, equilibrium of, with laidic and oleic acids, 974; purification of, 615.

## 16 III

- C<sub>16</sub>H<sub>10</sub>O<sub>2</sub>Br<sub>2</sub>** Phenyl  $\alpha$ :6-dibromo-3:4-methylenedioxystryryl ketone, 97.  
**C<sub>16</sub>H<sub>10</sub>O<sub>2</sub>N<sub>4</sub>** Methyl tetranitrodiphenate, complex formation of, with hydrocarbons, 972.  
**C<sub>16</sub>H<sub>10</sub>S<sub>2</sub>Hg** Di-2-thionaphthylmercury, 1007.  
**C<sub>16</sub>H<sub>11</sub>O<sub>2</sub>Br** 6-Bromo-4'-methylflavone, 96.  
**C<sub>16</sub>H<sub>11</sub>O<sub>2</sub>Br** 6-Bromo-3:4-methylenedioxydibenzoylmethane, 98.  
**C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>Br<sub>2</sub>** Phenyl  $\alpha$ :5-dibromo-*o*-methoxystyryl ketone, 95.  
**C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>S** 3:6-Diacetyldiphenylene sulphide, 152.  
**C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>Br<sub>2</sub>** Bromobenzoyl-5-bromo-*o*-anisylmethane, 95.  
**C<sub>16</sub>H<sub>12</sub>O<sub>7</sub>N<sub>4</sub>** 6-Hydroxy-4-methoxy-7-formylcoumarone 2:4-dinitrophenylhydrazone, 932.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>N** Ethyl  $\alpha$ -cyano- $\beta$ -naphthylideneacrylate, 200.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>Br** Phenyl 5-bromo-2-methoxystyryl ketone, 94.  
 Phenyl  $\alpha$ -bromo-*o*- and -*m*-methoxystyryl ketones, 95.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>Br<sub>3</sub>** Phenyl  $\alpha\beta$ -dibromo- $\beta$ -5-bromo-*o*-anisylethyl ketone, 95.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>N** Phthaloyl-4'-ethoxyphenylimide, 1170.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>Br** Benzoyl-5-bromo-*o*-anisylmethane, 95.  
**C<sub>16</sub>H<sub>13</sub>O<sub>6</sub>N** 6-Hydroxy-4-methoxycoumaran *p*-nitrobenzoate, 933.  
**C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>Br<sub>2</sub>** Phenyl  $\alpha\beta$ -dibromo- $\beta$ -*m*-anisylethyl ketone, 95.  
**C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>N<sub>4</sub>** 2:4-Dihydroxy-3-formyl-6-methylacetophenone 2:4-dinitrophenylhydrazone, 950.  
 2-Methoxy-3:4-methylenedioxyphenylacetaldehyde 2:4-dinitrophenylhydrazone, 441.  
**C<sub>16</sub>H<sub>15</sub>ON<sub>3</sub>** 1-(2'-Acetamidophenyl)-2-methylbenzimidazole, 160.  
**C<sub>16</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** 3-Nitro-5- $\beta$ -hydroxyethylamino-7-methoxyacridine, 477.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>N<sub>4</sub>** Stilbene-4:4'-dicarbonamidoxime, and its dihydrochloride, 1256.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>N<sub>4</sub>**  $\alpha$ -Furfurylidenediethyl ketone 2:4-dinitrophenylhydrazone, 1563.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>N<sub>4</sub>** 3-Methoxyphenoxyacetone 2:4-dinitrophenylhydrazone, 1597.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>Br<sub>2</sub>** Dibromoleucodrin methyl ether, 1087.  
**C<sub>16</sub>H<sub>17</sub>ON** *N*-4-Methylbenzhydraminoacetic acid, 1959.  
**C<sub>16</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 2:2'-Diacetamidodiphenylamine, 160.  
 5-Methoxy-1-(2'-amino-4'-methoxyphenyl)-2-methylbenzimidazole, 160.  
**C<sub>16</sub>H<sub>18</sub>O<sub>2</sub>N<sub>4</sub>** Dibenzyl-4:4'-dicarbonamidoxime, and its dihydrochloride, 1256.  
 4'-Nitro-*N*-*tert*-butyldiazoaminobenzene, 1385.  
**C<sub>16</sub>H<sub>18</sub>O<sub>2</sub>N<sub>4</sub>**  $\Delta^{1:4(6)}$ -*p*-Menthadien-3-one 2:4-dinitrophenylhydrazone, 1501.  
**C<sub>16</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** *dl*-Cryptol 3:5-dinitrobenzoates, 1532.  
**C<sub>16</sub>H<sub>19</sub>O<sub>2</sub>N** *cis*-7-Acetamido-9-keto-octahydrophenanthrene, 174.  
**C<sub>16</sub>H<sub>19</sub>O<sub>3</sub>N** Ethyl  $\beta$ -2-(5-*p*-methoxyphenylpyrryl)propionate, 1746.  
**C<sub>16</sub>H<sub>19</sub>O<sub>3</sub>Cl** *p*-Chlorophenacyl *trans*-hexahydro-*p*-toluate, 1246.  
**C<sub>16</sub>H<sub>19</sub>O<sub>3</sub>Br** *p*-Bromophenacyl *trans*-hexahydro-*p*-toluate, 1246.  
**C<sub>16</sub>H<sub>19</sub>O<sub>4</sub>N** *d*-Cryptol *p*-nitrobenzoate, 265.  
*dl*-Cryptol *p*-nitrobenzoates, 1532.  
*d*- $\alpha$ -Sabinaketyl *p*-nitrobenzoate, 1417.  
**C<sub>16</sub>H<sub>20</sub>O<sub>3</sub>N<sub>2</sub>** *p*-Nitrobenzoylsabinaketylamine, 1418.  
**C<sub>16</sub>H<sub>20</sub>O<sub>4</sub>N<sub>4</sub>** *l*-2:3-Dimethyl-4-*isopropyl*- $\Delta^2$ -cyclopentenone 2:4-dinitrophenylhydrazone, 1043.  
**C<sub>16</sub>H<sub>21</sub>O<sub>2</sub>N** *trans-dl*-Cryptol phenylurethane, 1532.  
**C<sub>16</sub>H<sub>22</sub>O<sub>2</sub>N<sub>4</sub>** 6-Nitro-4- $\beta$ -diethylaminoethylamino-2-quinaldine, 566.

- C<sub>16</sub>H<sub>23</sub>O<sub>4</sub>N<sub>4</sub>** 2:3-Dimethyl-4-isopropylcyclopentanone 2:4-dinitrophenylhydrazone, 1043.  
*dl*-Menthone 2:4-dinitrophenylhydrazone, 1501.  
 2-Methyl-4-ethylcycloheptanone 2:4-dinitrophenylhydrazone, 188.  
 2:3:5-Trimethylcycloheptanone 2:4-dinitrophenylhydrazone, 188.  
**C<sub>16</sub>H<sub>23</sub>O<sub>2</sub>N<sub>3</sub>** 2-(*γ*-*m*-Methoxyphenylpropyl)cyclopentanone semicarbazone, 1405.  
**C<sub>16</sub>H<sub>23</sub>O<sub>5</sub>N** (−)-*β*-*n*-Hexyl (+)-tartranilate, 639.  
**C<sub>16</sub>H<sub>23</sub>ON<sub>2</sub>** *l*-*β*-Curcumenol semicarbazone, 1509.  
*ψ*-Ionylideneacetaldehyde semicarbazones, 1553.  
*ψ*-cycloonylideneacetaldehyde semicarbazone, 1560.  
**C<sub>16</sub>H<sub>21</sub>O<sub>2</sub>N<sub>5</sub>** *l*-*β*-Curcumenal nitroguanylhydrazone, 1509.  
**C<sub>16</sub>H<sub>26</sub>NI** *o*-(*β*-Dimethyl-*α*-isopropylvinyl)phenyltrimethylammonium iodide, 462.  
**C<sub>16</sub>H<sub>27</sub>ON<sub>3</sub>** Dihydrocaryophyllene aldehyde semicarbazone, 539.

## 16 IV

- C<sub>16</sub>H<sub>10</sub>O<sub>2</sub>NCl<sub>3</sub>** Acetyltrichloroacetylcarbazole, 1954.  
**C<sub>16</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>Ni** Nickel *o*-hydroxybenzeneazo-*β*-naphthol, 835.  
**C<sub>16</sub>H<sub>10</sub>O<sub>3</sub>ClBr** Phenyl *α*-chloro-6-bromo-3:4-methylenedioxyethyl ketone, 97.  
**C<sub>16</sub>H<sub>11</sub>ON<sub>2</sub>I** *o*-Iodobenzeneazo-*β*-naphthol, 1314.  
**C<sub>16</sub>H<sub>11</sub>O<sub>2</sub>NS** Phenyl nitronaphthyl sulphides, 1095.  
**C<sub>16</sub>H<sub>11</sub>O<sub>2</sub>ClBr** Phenyl *αβ*-dichloro-*β*-(6-bromo-3:4-methylenedioxyphenyl)ethyl ketone, 97.  
**C<sub>16</sub>H<sub>15</sub>O<sub>2</sub>NBr** Phenyl 6-bromo-*β*-amino-3:4-methylenedioxyethyl ketone, 97.  
**C<sub>16</sub>H<sub>13</sub>O<sub>4</sub>N<sub>2</sub>Br** 1-Methylisocouinoline 2:4-dinitrophenylhydrazone, 361.  
**C<sub>16</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>Cl** 3-Nitro-5-*β*-chloroethylamino-7-methoxyacridine, 477.  
**C<sub>16</sub>H<sub>17</sub>O<sub>3</sub>NS<sub>3</sub>** 1-Methylthiolbenzthiazole metho-*p*-toluenesulphonate, 148.  
**C<sub>16</sub>H<sub>26</sub>ISAu** Dibenzylsulphidodimethylidogold, 766.

## 16 V

- C<sub>16</sub>H<sub>9</sub>O<sub>2</sub>N<sub>3</sub>ClCr** 5'-Nitro-2'-hydroxybenzeneazo-*β*-naphthol chromi-chloride, 831.  
**C<sub>16</sub>H<sub>9</sub>O<sub>2</sub>N<sub>2</sub>SCr** 2'-Hydroxy-5'-sulphobenzeneazo-*β*-naphthol chromi-sulphonate, 832.  
**C<sub>16</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>ClCr** *o*-Hydroxybenzeneazo-*β*-naphthol chromi-chloride, 830.  
**C<sub>16</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>ClFe** *o*-Hydroxybenzeneazo-*β*-naphthol ferri-chloride, 834.

C<sub>17</sub> Group.

- C<sub>17</sub>H<sub>18</sub>O<sub>3</sub>** 4:7-Dihydroxy-3'-keto-1:2-cyclopentenophenanthrene, 1404.  
**C<sub>17</sub>H<sub>14</sub>O** 2:3-Diphenylcyclopentenone, 570.  
**C<sub>17</sub>H<sub>14</sub>O<sub>4</sub>** 5:6-Dimethoxyflavone, 960.  
 5:8-Dimethoxyflavone, 1925.  
 3-(6'-Hydroxy-*β*-naphthyl)-*Δ*<sup>2</sup>-cyclopentenone-2-acetic acid, 1404.  
*α*-Phenylallyl hydrogen phthalates, 1699.  
**C<sub>17</sub>H<sub>16</sub>O** *trans*-2:3-Diphenylcyclopentanone, 571.  
**C<sub>17</sub>H<sub>16</sub>O<sub>3</sub>** *β*-*p*-Benzylbenzoylpropionic acid, 268.  
**C<sub>17</sub>H<sub>16</sub>O<sub>4</sub>** Lapachol acetate, 883.  
**C<sub>17</sub>H<sub>14</sub>O<sub>5</sub>** 2-Benzoyloxy-3:5-dimethoxyacetophenone, 1926.  
 2-Benzoyloxy-3:6-dimethoxyacetophenone, 1925.  
 2-Benzoyloxy-5:6-dimethoxyacetophenone, 960.  
 2-Hydroxy-3:6-dimethoxydibenzoylmethane, 1925.  
 2-Hydroxy-5:6-dimethoxydibenzoylmethane, 960.  
 7-(*β*-6'-Hydroxynaphthyl)-4:7-diketoheptonic acid, 1404.  
 6'-Methoxy-3':7':3-trimethyl-2':3'-dihydrobenzofurano-(2':3'-5:4)-*Δ*<sup>2:5</sup>-cyclohexadienone-2-carboxylic acid, 1600.  
 Methyl 6'-methoxy-3':3-dimethyl-2':3'-dihydrobenzofurano-(2':3':5:4)-*Δ*<sup>2:5</sup>-cyclohexadienone-2-carboxylate, 1599.  
**C<sub>17</sub>H<sub>16</sub>O<sub>6</sub>** 5-Benzoyloxy-3-methoxy-2-formylphenoxyacetic acid, 931.  
**C<sub>17</sub>H<sub>18</sub>O** *cis*-3:4-Diphenylcyclopentanol, 570.  
**C<sub>17</sub>H<sub>18</sub>O<sub>2</sub>** 3:4-Diphenylcyclopentane-1:2-diol, 569.  
**C<sub>17</sub>H<sub>18</sub>O<sub>3</sub>** 4-Keto-7-*α*-naphthylheptonic acid, 1740.  
**C<sub>17</sub>H<sub>18</sub>O<sub>4</sub>** 2:5-Dimethoxy-6-benzoyloxyacetophenone, 1924.  
**C<sub>17</sub>H<sub>18</sub>N** *trans*-3:4-Diphenylcyclopentylamine, and its picrate, 1414.  
**C<sub>17</sub>H<sub>26</sub>O<sub>2</sub>** *α*-Noræstrone, 1403.  
**C<sub>17</sub>H<sub>20</sub>O<sub>4</sub>** *trans*-*dl*-Cryptol hydrogen phthalate, 1532.  
**C<sub>17</sub>H<sub>22</sub>O<sub>2</sub>** 1:12-Dimethyloctahydrophenanthrene-1-carboxylic acid, 1301.  
 Methyl 1-methyloctahydrophenanthrene-1-carboxylate, 1301.  
 1-*β*-Phenylethyl-2:6-dimethyl-*Δ*<sup>9</sup>-cyclohexene-2-carboxylic acid, 1301.  
**C<sub>17</sub>H<sub>24</sub>O** 1-*β*-*o*-Anisylethyl-2:6-dimethylcyclohexene, 787.  
**C<sub>17</sub>H<sub>24</sub>O<sub>3</sub>** *trans*-*p*-*n*-Octyloxycinnamic acid, 425.  
**C<sub>17</sub>H<sub>26</sub>O<sub>2</sub>** 1-*β*-*o*-Anisylethyl-2:6-dimethylcyclohexan-1-ol, 788.  
**C<sub>17</sub>H<sub>26</sub>O<sub>3</sub>** *p*-*n*-Decyloxybenzoic acid, 424.  
**C<sub>17</sub>H<sub>30</sub>O** *cis*-3:4-Dicyclohexylcyclopentanol, 1413.  
**C<sub>17</sub>H<sub>36</sub>N<sub>2</sub>** 2-Dodecylaminopyridine, 1857.  
 1-Dodecyl-2-pyridoneimine, salts of, 1857.

## 17 III

- C<sub>17</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>** Naphthalene-1'-azosalicylic acid, chromium salt, 834.

- C<sub>17</sub>H<sub>12</sub>O<sub>3</sub>N<sub>2</sub>** Nitro-1-acetyllindeno(2':3':2:3)indoles, 1535.  
**C<sub>17</sub>H<sub>13</sub>ON** 1-Acetyllindeno(2':3':2:3)indole, 1535.  
**C<sub>17</sub>H<sub>13</sub>O<sub>4</sub>Br** Phenyl 6-bromo- $\beta$ -methoxy-3:4-methylenedioxystryryl ketone, 98.  
**C<sub>17</sub>H<sub>14</sub>ON<sub>2</sub>** *cis*-Benzeneazo- $\alpha$ -naphthyl methyl ether, 1314.  
**C<sub>17</sub>H<sub>14</sub>O<sub>2</sub>Br<sub>2</sub>** *p*-Tolyl 2:5-dibromo-*o*-methoxystyryl ketone, 95.  
**C<sub>17</sub>H<sub>14</sub>O<sub>2</sub>Br** Bromo-5-bromo-*o*-anisoyl-*p*-toluylmethane, 95.  
**C<sub>17</sub>H<sub>14</sub>O<sub>3</sub>N<sub>4</sub>** 6-Methoxy-2-formyl-3-methoxycoumarone 2:4-dinitrophenylhydrazone, 1597.  
**C<sub>17</sub>H<sub>15</sub>ON** 2:3-Diphenylcyclopentenone oxime, 571.  
*trans*-3:4-Diphenylcyclopentylamine, 1414.  
**C<sub>17</sub>H<sub>15</sub>OCl** 5-Chloro-*trans*-2:3-diphenylcyclopentanone, 573.  
**C<sub>17</sub>H<sub>15</sub>OBr** 2-Bromo-*cis*-3:4-diphenylcyclopentanone, 572.  
**C<sub>17</sub>H<sub>15</sub>O<sub>2</sub>Br<sub>3</sub>** *p*-Tolyl  $\alpha\beta$ -dibromo- $\beta$ -5-bromo-*o*-anisylethyl ketone, 95.  
**C<sub>17</sub>H<sub>15</sub>O<sub>3</sub>Br** 5-Bromo-*o*-anisoyl-*p*-toluylmethane, 95.  
 Phenyl 5-bromo- $\beta$ -2-dimethoxystyryl ketone, 95.  
 Phenyl 6-bromo- $\beta$ -3-dimethoxystyryl ketone, 95.  
**C<sub>17</sub>H<sub>15</sub>O<sub>4</sub>Br<sub>3</sub>** 5-Bromo-2-hydroxy-4:6-dimethoxyphenyl  $\alpha\beta$ -dibromo- $\beta$ -phenylethyl ketone, 93.  
**C<sub>17</sub>H<sub>15</sub>O<sub>5</sub>N** 2:4-Dimethyl *l*-arabonamide, 750.  
**C<sub>17</sub>H<sub>16</sub>ON<sub>3</sub>** Benzil acetone azine, 261.  
 5-Keto-6:9-rubanene, and its salts, 1243.  
**C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>**  $\gamma$ -*o*-Anisylpropyl alcohol 3:5-dinitrobenzoate, 789.  
**C<sub>17</sub>H<sub>16</sub>O<sub>3</sub>N<sub>4</sub>** 2:4-Dihydroxy-3-formyl-5-ethylacetophenone 2:4-dinitrophenylhydrazone, 950.  
**C<sub>17</sub>H<sub>16</sub>O<sub>3</sub>N<sub>4</sub>** Methyl 2:4-dihydroxy-3-formyl-5-ethylbenzoate 2:4-dinitrophenylhydrazone, 301.  
**C<sub>17</sub>H<sub>17</sub>ON** *trans*-2:3-Diphenylcyclopentanone oxime, 571.  
 3:4-Diphenylcyclopentanone oximes, 569.  
**C<sub>17</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 3-Acetamido-*N*-(2'-acetamido-4'-methylphenyl)quinoneimine, 162.  
**C<sub>17</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 3-Acetamido-*N*-(2'-acetamido-4'-methoxyphenyl)quinoneimine, 161.  
 3-Nitro-5- $\beta$ -hydroxyethylamino-7-ethoxyacridine, 477.  
**C<sub>17</sub>H<sub>17</sub>N<sub>3</sub>Cl** 4-Phenylamino-2-methylquinoline methochloride, 491.  
**C<sub>17</sub>H<sub>18</sub>ON<sub>2</sub>** 5-Ketoruban, and its picrate, 1243.  
**C<sub>17</sub>H<sub>18</sub>O<sub>2</sub>N<sub>4</sub>** Phloro*iso*valerophenone hydrazone, 1602.  
**C<sub>17</sub>H<sub>19</sub>O<sub>3</sub>N<sub>3</sub>** 2:2'-Diacetamido-4-hydroxy-4'-methyldiphenylamine, 162.  
 2:2'-Diacetamido-4-methoxydiphenylamine, 161.  
**C<sub>17</sub>H<sub>19</sub>O<sub>4</sub>N<sub>3</sub>** 2:2'-Diacetamido-4-hydroxy-4'-methoxydiphenylamine, 161.  
**C<sub>17</sub>H<sub>19</sub>O<sub>5</sub>N<sub>5</sub>** *m*-Diethylaminobenzaldehyde 2:4-dinitrophenylhydrazone, 1093.  
**C<sub>17</sub>H<sub>20</sub>ON<sub>2</sub>** Ruban-5-ol, and its picrate, 1244.  
**C<sub>17</sub>H<sub>20</sub>O<sub>2</sub>N<sub>4</sub>** 4'-Nitro-*N*-*iso*amyl diazoaminobenzene, 1385.  
 4'-Nitro-4-methyl-*tert*-butylaminoazobenzene, 1385.  
**C<sub>17</sub>H<sub>20</sub>O<sub>3</sub>N<sub>2</sub>** *d*-2:3-Dimethyl-4-*isopropyl*- $\Delta^2$ -cyclopentenyl 3:5-dinitrobenzoate, 1043.  
 $\Delta^4$ -Menthen-3-yl 3:5-dinitrobenzoates, 1039.  
 (*d*-*neo*)-*iso*Pulegyl 3:5-dinitrobenzoate, 1308.  
*l*-*neo*Thujyl 3:5-dinitrobenzoate, 1042.  
**C<sub>17</sub>H<sub>21</sub>ON<sub>3</sub>** 6-Acetamido-4-piperidino-2-quinaldine, 566.  
**C<sub>17</sub>H<sub>21</sub>O<sub>4</sub>N** *l*-*neo*Thujyl *p*-nitrobenzoate, 1042.  
**C<sub>17</sub>H<sub>22</sub>O<sub>3</sub>N<sub>2</sub>** Diketodihydroneucidine, perchlorate of, 608.  
**C<sub>17</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** 2:3-Dimethyl-4-*isopropylcyclopentyl* 3:5-dinitrobenzoate, 1043.  
 4-*iso*Propylcyclohexyl-1-carbinyl 3:5-dinitrobenzoates, 1247.  
**C<sub>17</sub>H<sub>23</sub>ON<sub>3</sub>** 9-Acetyloctahydrophenanthrene semicarbazone, 1364.  
**C<sub>17</sub>H<sub>23</sub>O<sub>2</sub>N** 4-*iso*Propylcyclohexyl-1-carbinyl *p*-nitrobenzoates, 1247.  
**C<sub>17</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl 1-cyanomethylcyclohexane-1- $\alpha$ -cyanosuccinates, 85, 86.  
**C<sub>17</sub>H<sub>25</sub>O<sub>2</sub>N<sub>2</sub>** *trans*-4-*iso*Propylcyclohexyl-1-carbinyl phenylurethane, 1247.  
**C<sub>17</sub>H<sub>25</sub>O<sub>3</sub>N** *N*-Benzoyl trimethyl methylglucosaminides, 277.  
**C<sub>17</sub>H<sub>27</sub>ON** Acetyldihydro- $\alpha$ -curcumenylamine, 1506.  
 1-Dodecyl-2-pyridone, salts of, 1857.

## 17 IV

- C<sub>17</sub>H<sub>10</sub>O<sub>3</sub>N<sub>2</sub>Ni** Nickel *o*-carboxybenzeneazo- $\beta$ -naphthol, 835.  
**C<sub>17</sub>H<sub>12</sub>O<sub>3</sub>NBr**  $\beta$ -Benzoyl- $\alpha$ -(6-bromo-3:4-methylenedioxyphenyl)propionitrile, 97.  
**C<sub>17</sub>H<sub>13</sub>ON<sub>2</sub>I** *trans*-*o*-Iodobenzeneazo- $\beta$ -naphthyl methyl ether, 1314.  
**C<sub>17</sub>H<sub>14</sub>ONCl** 2-Chloro-3:4-diphenyl- $\Delta^2$ -cyclopentenone, 1413.  
**C<sub>17</sub>H<sub>16</sub>O<sub>3</sub>N<sub>3</sub>Cl** 3-Nitro-5- $\beta$ -chloroethylamino-7-ethoxyacridine, 477.  
**C<sub>17</sub>H<sub>16</sub>O<sub>3</sub>N<sub>2</sub>S** 2-Nitro-5-piperidinodiphenylsulphone, 904.  
 4-Nitro-3-piperidinodiphenylsulphone, 906.  
**C<sub>17</sub>H<sub>19</sub>O<sub>3</sub>N<sub>3</sub>S** 2:4-Diketo-3-phenyltetrahydrothiazole-2-*cyclohexylidene*hydrazone-5-acetic acid, 1049.  
**C<sub>17</sub>H<sub>21</sub>O<sub>3</sub>N<sub>3</sub>S** 4'-Aminylaminoazobenzene-4-sulphonic acid, potassium salt, 1384.

## 17 V

- C<sub>17</sub>H<sub>10</sub>O<sub>3</sub>N<sub>2</sub>ClCr** *o*-Carboxybenzeneazo- $\beta$ -naphthol chromi-chloride, 834.  
**C<sub>17</sub>H<sub>11</sub>O<sub>3</sub>N<sub>2</sub>SCr** 4'-Hydroxy-*m*-tolueneazo- $\beta$ -naphthol 6-chromi-sulphonate, 833.

C<sub>18</sub> Group.

- C<sub>18</sub>H<sub>16</sub>** 7-Methyl-1:2-*cyclopentenophenanthrene*, 798.  
**C<sub>18</sub>H<sub>18</sub>** 1:3-Diphenyl- $\Delta^2$ -*cyclohexene*, 1291.

## 18 II

- C<sub>18</sub>H<sub>10</sub>O<sub>6</sub>** 1:2:9:10-Tetrahydroxynaphthalene-11:12-quinone, 401.  
**C<sub>18</sub>H<sub>11</sub>N** 1:9-Phenylencarbazole, and its picrate, 1950.  
**C<sub>18</sub>H<sub>14</sub>O** Hydroxy-*p*-terphenyls, 1285.  
**C<sub>18</sub>H<sub>14</sub>O<sub>2</sub>** Furfurylidene-2-methyl-6-acetonaphthone, 798.  
 3'-Keto-4-acetoxy-7-methyl-1:2-*cyclopentenophenanthrene*, 798.  
*o*-2'-Methyl-1'-naphthylbenzoic acid, 948.  
**C<sub>18</sub>H<sub>14</sub>O<sub>4</sub>** 5-Hydroxy-6-phenylacetyl-4-methylcoumarin, 1253.  
**C<sub>18</sub>H<sub>14</sub>O<sub>5</sub>** 8-Acetoxy-7-methoxyflavone, 961.  
 5-Hydroxy-8-methoxyflavone, 1925.  
**C<sub>18</sub>H<sub>14</sub>N<sub>2</sub>** 9-(2'-Aminophenyl)carbazole, 1950.  
**C<sub>18</sub>H<sub>14</sub>N<sub>4</sub>** Bisbenzeneazobenzenes, 1315.  
**C<sub>18</sub>H<sub>16</sub>N<sub>3</sub>** 9-(2':4'-Diaminophenyl)carbazole, 1952.  
**C<sub>18</sub>H<sub>16</sub>O** 3-Ketohexahydrochrysene, 1741.  
**C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>**  $\gamma$ -9-Anthranylbutyric acid, 268.  
**C<sub>18</sub>H<sub>16</sub>O<sub>3</sub>**  $\beta$ -9-(9:10-Dihydro)anthroylpropionic acid, 268.  
 4:3'-Dihydroxy-7-methoxy-1:2-*cyclopentenophenanthrene*, 1400.  
 3-(6'-Methyl-2'-naphthyl)-*A*<sup>2</sup>-*cyclopenten*-1-one-2-acetic acid, 798.  
**C<sub>18</sub>H<sub>16</sub>O<sub>4</sub>** 1-Phenyl-1:2:3:4-tetrahydronaphthalene-2:3-dicarboxylic acid, 1239.  
**C<sub>18</sub>H<sub>16</sub>O**  $\Delta$ <sup>1'</sup>-*cyclo*Hexenyl-1-acetonaphthone, 797.  
**C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>**  $\gamma$ -9-(9:10-Dihydro)anthranylbutyric acid, 268.  
 $\beta$ -1'-Naphthylethyl*cyclo*hexane-2:6-dione, 1741.  
**C<sub>18</sub>H<sub>16</sub>O<sub>4</sub>**  $\delta\eta$ -Diketo- $\eta$ -(6-methyl-2-naphthyl)heptonic acid, 798.  
**C<sub>18</sub>H<sub>16</sub>O<sub>5</sub>** 2:3:5-Trimethoxydibenzoylmethane, 1927.  
**C<sub>18</sub>H<sub>16</sub>O<sub>6</sub>** 2:2'-Dihydroxy-5:5'-dimethoxy-3:3'-diacetyldiphenyl, 1926.  
**C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>** 4-Hydroxy-7-methoxy-1:2:3:4-tetrahydro-1:2-*cyclopentenophenanthrene*, 1401.  
 Methyl  $\gamma\delta$ -diphenylvalerate, 1415.  
**C<sub>18</sub>H<sub>20</sub>O<sub>3</sub>** 5-Keto-8-*a*-naphthylloctic acid, 1741.  
**C<sub>18</sub>H<sub>20</sub>O** Acetyl-leucodrin methyl ether, 1087.  
**C<sub>18</sub>H<sub>20</sub>O** Keto-1':2':3':4'-tetrahydro-5:6-benzhydrindene-1-*spirocyclo*hexane, 173.  
**C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>** 7-Methoxy-3'-ketoctahydro-1:2-*cyclopentenophenanthrene*, 1402.  
**C<sub>18</sub>H<sub>20</sub>O<sub>3</sub>**  $\beta$ -*cyclo*Hexane-1-*spiro*hydrindoylpropionic acid, 173.  
**C<sub>18</sub>H<sub>20</sub>O<sub>6</sub>** *s*-2:2'-Dihydroxy-4:4':6:6'-tetramethoxydiphenylethane, 924.  
**C<sub>18</sub>H<sub>24</sub>O<sub>2</sub>** Ethyl 1- $\beta$ -phenylethyl-2-methyl-*A*<sup>6</sup>-*cyclo*hexene-2-carboxylate, 1301.  
 $\gamma$ -*cyclo*Hexane-1-*spiro*hydrindylbutyric acid, 173.  
**C<sub>18</sub>H<sub>24</sub>O<sub>2</sub>** Methyl 1:1:2-dimethyloctahydrophenanthrene-1-carboxylate, 1301.  
**C<sub>18</sub>H<sub>24</sub>O<sub>4</sub>** Ethyl 2-( $\gamma$ -*m*-methoxyphenylpropyl)*cyclopentanone*-2-carboxylate, 1404.  
 4-*iso*Propyl*cyclo*hexyl-1-carbinyl hydrogen phthalates, 1247.  
**C<sub>18</sub>H<sub>26</sub>O<sub>3</sub>** *trans-p-n*-Nonyloxy-cinnamic acid, 425.  
**C<sub>18</sub>H<sub>31</sub>N** Disabina-ketylamine, 1418.  
**C<sub>18</sub>H<sub>32</sub>N<sub>2</sub>** 2-Tridecylaminopyridine, 1857.  
 1-Tridecyl-2-pyridoneimine, salts of, 1857.  
**C<sub>18</sub>H<sub>34</sub>O<sub>2</sub>** Elaidic acid, purification of, and its equilibria in mixed fatty acids, 974.  
 Oleic acid, calcium and magnesium salts, interfacial and surface activities of, 619; purification of, and its equilibria in mixed fatty acids, 974.  
**C<sub>18</sub>H<sub>34</sub>O<sub>10</sub>** Heptamethyl 3-*d*-galactopyranosido-*l*-arabofuranose, 751.  
 Heptamethyl 3- $\beta$ -*d*-galactopyranosido-*d*-arabopyranose, 752.  
 Heptamethyl 3-*d*-galactopyranosido-*l*-arabopyranose, 749.  
**C<sub>18</sub>H<sub>36</sub>O<sub>2</sub>** Stearic acid, equilibrium of, with elaidic and oleic acids, 974; purification of, 615.  
**C<sub>18</sub>H<sub>36</sub>S<sub>2</sub>** Ethylenebis(*n*-octylsulphide), 1630.  
**C<sub>18</sub>H<sub>40</sub>As<sub>2</sub>** Ethylene- $\alpha\beta$ -bis(dibutylarsine), 1633.

## 18 III

- C<sub>18</sub>H<sub>6</sub>O<sub>4</sub>Cl<sub>4</sub>** 1:2:3:4-Tetrachloro-9:10-dihydroxynaphthacene-11:12-quinone, 401.  
**C<sub>18</sub>H<sub>9</sub>NBr<sub>2</sub>** Dibromo-1:9-phenylencarbazole, 1955.  
**C<sub>18</sub>H<sub>10</sub>NBr** Bromo-1:9-phenylencarbazole, 1955.  
**C<sub>18</sub>H<sub>13</sub>O<sub>2</sub>N** 4'-Nitro-*m*-terphenyl, 1291.  
**C<sub>18</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>** 3- $\beta$ -Naphthylaminophthalhydrazide, 139.  
**C<sub>18</sub>H<sub>13</sub>N<sub>2</sub>Cl** 9-(4'-Chloro-2'-aminophenyl)carbazole, 1951.  
**C<sub>18</sub>H<sub>15</sub>O<sub>3</sub>N** 4:7-Dimethoxy-3'-keto-1:2-*cyclopentenophenanthrene* oxime, 1399.  
**C<sub>18</sub>H<sub>15</sub>O<sub>4</sub>N** 5-Hydroxy-6-phenylacetyl-4-methylcoumarin oxime, 1253.  
**C<sub>18</sub>H<sub>15</sub>O<sub>4</sub>Br** Phenyl 6-bromo- $\beta$ -ethoxy-3:4-methylenedioxy-styryl ketone, 98.  
**C<sub>18</sub>H<sub>15</sub>O<sub>5</sub>N** 6-Hydroxy-2-*n*-propylcoumarone *p*-nitrobenzoate, 936.  
**C<sub>18</sub>H<sub>15</sub>O<sub>5</sub>Br** 4-Bromo-3:5-dimethoxy-1-anisylidencoumarin-2-one, 93.  
 6-Bromo-5:7:4'-trimethoxyflavone, 93.  
**C<sub>18</sub>H<sub>16</sub>O<sub>4</sub>N<sub>2</sub>** Nitrosoartabotrinine, 997.  
**C<sub>18</sub>H<sub>16</sub>O<sub>5</sub>N<sub>4</sub>** 7:9-Dinitro-8-anilino- $\psi$ -indoxyl*spirocyclopentane*, 239.  
**C<sub>18</sub>H<sub>16</sub>O<sub>6</sub>N<sub>4</sub>** 6-Methoxy-2-formyl-3:7-dimethylcoumarone 2:4-dinitrophenylhydrazine, 1600.  
**C<sub>18</sub>H<sub>17</sub>ON<sub>3</sub>** 4-*p*-Acetamidophenylamino-2-methylquinoline, 491.  
**C<sub>18</sub>H<sub>17</sub>O<sub>3</sub>N** Artabotrinine, and its hydrochloride, 997.  
**C<sub>18</sub>H<sub>17</sub>O<sub>3</sub>Br** Phenyl 5-bromo-2-methoxy- $\beta$ -ethoxystyryl ketone, 95.  
 Phenyl 6-bromo-3-methoxy- $\beta$ -ethoxystyryl ketone, 95.  
 $p$ -Tolyl 5-bromo- $\beta$ :2-dimethoxystyryl ketone, 95.

- C<sub>18</sub>H<sub>17</sub>O<sub>5</sub>Br** 5-Bromo-2-hydroxy-4:6-dimethoxyphenyl *p*-methoxystyryl ketone, 93.  
**C<sub>18</sub>H<sub>17</sub>O<sub>5</sub>Br<sub>3</sub>** 5-Bromo-2-hydroxy-4:6-dimethoxyphenyl  $\alpha\beta$ -dibromo- $\beta$ -*p*-anisylethyl ketone, 93.  
**C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>Br<sub>2</sub>** *iso*Propylidenedibromoleucodrin, 1087.  
**C<sub>18</sub>H<sub>16</sub>ON<sub>3</sub>** 1-(2'-Acetamido-4'-methylphenyl)-2:5-dimethylbenzimidazole, 160.  
*trans*-2:3-Diphenylcyclopentanone semicarbazone, 571.  
**C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>N<sub>3</sub>** 1-(2'-Acetamido-4'-methoxyphenyl)-5-methyl-2-methylbenzimidazole, 161.  
**C<sub>18</sub>H<sub>16</sub>O<sub>3</sub>N<sub>3</sub>** 5-Methoxy-1-(2'-acetamido-4'-methoxyphenyl)-2-methylbenzimidazole, 160.  
**C<sub>18</sub>H<sub>20</sub>O<sub>4</sub>N<sub>4</sub>**  $\gamma$ -*p*-Tolylvaleraldehyde 2:4-dinitrophenylhydrazone, 1507.  
**C<sub>18</sub>H<sub>21</sub>O<sub>2</sub>N<sub>3</sub>** 2:2'-Diacetamido-4:4'-dimethyldiphenylamine, 160.  
**C<sub>18</sub>H<sub>21</sub>O<sub>2</sub>N<sub>3</sub>** 2:2'-Diacetamido-4-methoxy-4'-methyldiphenylamine, 161.  
 4-Keto-7-*a*-naphthylheptoic acid semicarbazone, 1740.  
**C<sub>18</sub>H<sub>21</sub>O<sub>4</sub>N<sub>3</sub>** 2:2'-Diacetamido-4:4'-dimethoxydiphenylamine, 160.  
**C<sub>18</sub>H<sub>25</sub>O<sub>2</sub>N<sub>4</sub>** 3-Methyl *l*-arabinose phenylsazone, 754.  
**C<sub>18</sub>H<sub>23</sub>O<sub>3</sub>Cl** *p*-Chlorophenacyl hexahydrocuminate, 1246.  
**C<sub>18</sub>H<sub>23</sub>O<sub>3</sub>Br** *p*-Bromophenacyl hexahydrocuminate, 1246.  
**C<sub>18</sub>H<sub>24</sub>O<sub>4</sub>N<sub>2</sub>** *dl*-Stilbenediamine diacetate, 1758.  
**C<sub>18</sub>H<sub>26</sub>ON<sub>4</sub>** 4- $\beta$ -Diethylaminoethylamino-6-acetamido-2-quinaldine, hydrochloride of, 566.  
**C<sub>18</sub>H<sub>27</sub>O<sub>5</sub>N** (-)- $\beta$ -*n*-Octyl (+)-tartranilate, 639.  
**C<sub>18</sub>H<sub>27</sub>O<sub>6</sub>N** *N*-Acetyl trimethyl benzylglucosaminides, 277.

## 18 IV

- C<sub>18</sub>H<sub>7</sub>O<sub>6</sub>N<sub>4</sub>I** Iodotrinitro-1:9-phenylenecarbazole, 1955.  
**C<sub>18</sub>H<sub>10</sub>O<sub>2</sub>NCl** 3-Chloro-*N*- $\beta$ -naphthylphthalimide, 136.  
**C<sub>18</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>Cl** 9-(4'-Chloro-2'-nitrophenyl)carbazole, 1951.  
**C<sub>18</sub>H<sub>13</sub>ONS** 1:4'-(1-Methyl-1':4'-dihydroquinolydene)-2-keto-1:2-dihydrothionaphthen, 1013.  
**C<sub>18</sub>H<sub>13</sub>O<sub>2</sub>NS<sub>2</sub>** 2:4-Diphenylthionitrobenzene, 904.  
**C<sub>18</sub>H<sub>13</sub>O<sub>4</sub>NS<sub>2</sub>** 4-Nitro-3-phenylthiodiphenylsulphone, 906.  
**C<sub>18</sub>H<sub>11</sub>O<sub>4</sub>NS<sub>2</sub>** 2:4-Diphenylsulphonylaniline, 905.  
**C<sub>18</sub>H<sub>17</sub>O<sub>3</sub>N<sub>3</sub>S** 2:4-Diketo-3-phenyltetrahydrothiazole-2-benzylidenehydrazone-5-acetic acid, 1050.  
**C<sub>18</sub>H<sub>19</sub>O<sub>3</sub>NS<sub>2</sub>** 2:1'-Dimethylthia-2'-cyanine iodide, 150.  
 2-Methylthiolquinoline metho-*p*-toluenesulphonate, 147.  
**C<sub>18</sub>H<sub>20</sub>O<sub>4</sub>NS** 2-Nitro-5-piperidino-4'-methyldiphenylsulphone, 905.  
**C<sub>18</sub>H<sub>21</sub>O<sub>3</sub>N<sub>3</sub>S** 2:4-Diketo-3-phenyltetrahydrothiazole-2-3'-methylcyclohexylidenehydrazone-5-acetic acid, 1050.  
**C<sub>18</sub>H<sub>24</sub>BrSAu** Dibenzylsulphidodiethylbromogold, 766.  
**C<sub>18</sub>H<sub>28</sub>O<sub>6</sub>N<sub>6</sub>Pd** *iso*Butylenediaaminostilbenediaminopalladous nitrates, 1758.  
**C<sub>18</sub>H<sub>28</sub>N<sub>2</sub>Br<sub>2</sub>Au<sub>2</sub>** 2:2'-Dipyridyltetraethyldibromodigold, 767.  
**C<sub>18</sub>H<sub>26</sub>N<sub>4</sub>IPd** *dl*-*iso*Butylenediaaminostil benediaminopalladous iodides, 1757.  
**C<sub>18</sub>H<sub>38</sub>Cl<sub>2</sub>S<sub>2</sub>Pd** Ethylenebis(*n*-octylsulphide)dichloropalladium, 1630.  
**C<sub>18</sub>H<sub>40</sub>Cl<sub>2</sub>As<sub>2</sub>Pd** Ethylene- $\alpha\beta$ -bis(dibutylarsine)dichloropalladium, 1633.

C<sub>19</sub> Group.

- C<sub>19</sub>H<sub>16</sub>** Methyl-*p*-terphenyls, 1286.  
**C<sub>19</sub>H<sub>18</sub>** 3':7-Dimethyl-1:2-*cyclopenten*ophenanthrene, 799.  
**C<sub>19</sub>H<sub>22</sub>** Methyl-5:6-benzhydrindene-1-*spirocyclohexane*, 173.

## 19 II

- C<sub>19</sub>H<sub>10</sub>O<sub>4</sub>** 1:2-Benzanthraquinone-5-carboxylic acid, 269.  
**C<sub>19</sub>H<sub>11</sub>N** 1:2-Benz-5-anthronitrile, 270.  
**C<sub>19</sub>H<sub>12</sub>O** 2-Phenylfluorenone, 395.  
**C<sub>19</sub>H<sub>16</sub>O<sub>2</sub>** 1:2-Benz-5-anthraic acid, 270.  
 6:7-Benzoflavone, 1682.  
**C<sub>19</sub>H<sub>12</sub>O<sub>3</sub>** 2'-Hydroxy-6:7-benzoflavone, 1683.  
**C<sub>19</sub>H<sub>13</sub>N<sub>2</sub>** 1:2-Quinolo-8:9-benzo-4:5-benz-1:3-diazaline, 1065.  
 1:2(2':1')-*iso*Quinolo-8:9-benzo-4:5-benz-1:3-diazaline, 1066.  
**C<sub>19</sub>H<sub>13</sub>N** Indeno(2':3':2:1)- $\beta$ -naphthindole, 1536.  
 1:9-(4'-Methylphenylene)carbazole, and its picrate, 1951.  
**C<sub>19</sub>H<sub>13</sub>N<sub>3</sub>** 9-(2'-Amino-4'-cyanophenyl)carbazole, 1952.  
 1:2-Quinolo-7-amino-8:9-benzo-4:5-benz-1:3-diazaline, 1065.  
 1:2(2':1')-*iso*Quinolo-7-amino-8:9-benzo-4:5-benz-1:3-diazaline, 1066.  
**C<sub>19</sub>H<sub>13</sub>Cl** 10-Chloromethyl-1:2-benzanthracene, 804.  
**C<sub>19</sub>H<sub>14</sub>O** 2'-Ethylmesobenzanthrone, 949.  
 10-Hydroxymethyl-1:2-benzanthracene, 804.  
**C<sub>19</sub>H<sub>14</sub>O<sub>6</sub>** 5:6-Diacetoxyflavone, 960.  
**C<sub>19</sub>H<sub>14</sub>Cl** Triphenylmethyl chloride, hydrolysis of, in dioxan, 478.  
**C<sub>19</sub>H<sub>16</sub>O** Methoxy-*p*-terphenyls, 1285.  
**C<sub>19</sub>H<sub>16</sub>O<sub>2</sub>** 3'-Keto-4-methoxy-7-methyl-1:2-*cyclopenten*ophenanthrene, 799.  
**C<sub>19</sub>H<sub>16</sub>O<sub>4</sub>** 5-Methoxy-6-phenylacetyl-4-methylcoumarin, 1253.  
**C<sub>19</sub>H<sub>17</sub>N<sub>2</sub>** 9-(2'-Amino-4'-tolyl)carbazole, 1951.  
 $\beta$ -Hydrindone  $\beta$ -naphthylhydrazone, 1536.  
**C<sub>19</sub>H<sub>18</sub>O<sub>3</sub>** 4:7-Dimethoxy-3'-keto-9:10-dihydro-1:2-*cyclopenten*ophenanthrene, 1403.

- $C_{19}H_{18}O_5$  Ethyl 6-benzyloxy-4-methoxycoumarone-2-carboxylate, 931.  
 $C_{19}H_{20}O_5$  Diacetyldihydrodunnione, 1526.  
 $C_{19}H_{20}O_6$  Ethyl 5-benzyloxy-3-methoxy-2-formylphenoxyacetate, 931.  
 $C_{19}H_{22}O_3$   $\alpha$ -Noræstrone acetate, 1403.  
 $C_{19}H_{21}O_4$  Trimethoxyvinylmethylphenanthrol, 996.  
 $C_{19}H_{24}O_5$  7-Methoxyoctahydrophenanthrene-1- $\beta$ -propionic-2-carboxylic acid, 1402.  
 $C_{19}H_{24}O_6$  Hexamethoxydiphenylmethane, 91.  
 $C_{19}H_{24}O_8$  Leucodrin tetramethyl ether, 1088.  
 $C_{19}H_{26}O_2$  Ethyl 1- $\beta$ -phenylethyl-2:6-dimethyl- $\Delta^6$ -cyclohexene-2-carboxylate, 1301.  
 $C_{19}H_{28}O_3$  *trans-p-n*-Decyloxybenzoic acid, 425.  
 $C_{19}H_{30}O_3$  *p-n*-Dodecyloxybenzoic acid, 424.  
 $C_{19}H_{34}N_2$  2-Tetradecylaminopyridine, 1857.  
 1-Tetradecyl-2-pyridoneimine, salts of, 1857.

## 19 III

- $C_{19}H_{11}O_2N$  1:9-Phenylencarbazole-3-carboxylic acid, 1954.  
 1:9-Phenylencarbazole-4'-carboxylic acid, 1953.  
 $C_{19}H_{11}O_3N_3$  9-(2'-Nitro-4'-cyanophenyl)carbazole, 1952.  
 1:2-Quinolo-7-nitro-8:9-benzo-4:5-benz-1:3-diazaline, 1065.  
 1:2(2':1')-isoQuinolo-7-nitro-8:9-benz-1:3-diazaline, 1065.  
 $C_{19}H_{12}O_2N_4$  *N*-2':4'-Dinitro-1'-naphthyl-2-aminoquinoline, 1065.  
*N*-2':4'-Dinitro-1'-naphthyl-1-aminoisoquinoline, 1065.  
 $C_{19}H_{13}ON$  1:2-Benz-5-anthramide, 270.  
 $C_{19}H_{13}O_2N$  9-Phenylcarbazole-4'-carboxylic acid, 1953.  
 $C_{19}H_{13}O_2As$  10-Phenylphenoarsine-10-oxide-2-carboxylic acid, resolution of, and its salts, 1050.  
 $C_{19}H_{14}ON_2$  2-Hydroxy-3-( $\beta$ -naphthylmethyl)quinoxaline, 201.  
 5-Keto-5:6:7:10-tetrahydroacridoline, 787.  
 $C_{19}H_{14}O_2N_2$  9-(2'-Nitro-4'-tolyl)carbazole, 1950.  
 $C_{19}H_{15}OLi$  Lithium triphenylmethoxide, 315.  
 $C_{19}H_{15}ORb$  Rubidium triphenylmethoxide, 316.  
 $C_{19}H_{15}O_2N$  3:6-Diphenylanthranilic acid, 395.  
 $C_{19}H_{15}O_2N$  2'-isoNitroso-4:7-dimethoxy-3'-keto-1:2-cyclopentenophenanthrene, 1401.  
 $C_{19}H_{16}O_2N_2$  Phenyl-2-pyridylcarbinol phenylurethane, 811.  
 $C_{19}H_{16}O_2N_2$  3-Nitro-2-acetoxy-1-(2'-acetamido-4'-acetoxyphenyl)-2:3-dihydroindeno(2':3':2:3)indole, 1535.  
 $C_{19}H_{16}O_2S_2$  2:4-Diphenylsulphonylanisole, 906.  
 $C_{19}H_{16}O_4N_4$  Euparin 2:4-dinitrophenylhydrazone, 928.  
 $C_{19}H_{16}O_5N_4$  Ethyl 6-hydroxy-4-methoxy-7-formylcoumarone-2-carboxylate 2:4-dinitrophenylhydrazone, 932.  
 $C_{19}H_{17}O_2N$  Benzoyl- $\beta$ -2-(5-phenylfuryl)ethylamine, 1745.  
 $C_{19}H_{17}O_4Br$  6-Bromo-5:7:3':4'-tetramethoxyflavone, 94.  
 $C_{19}H_{19}O_3N$  *N*-Methylartabotrine, 997.  
 $C_{19}H_{19}O_3N_3$  1-(2'-Acetamido-4'-acetoxyphenyl)-5-methyl-2-methylbenzimidazole, 162.  
 $\beta$ -9-(9:10-Dihydro)anthroylpropionic acid semicarbazone, 268.  
 $C_{19}H_{19}O_4Br$  *p*-Tolyl 5-bromo-2-methoxy- $\beta$ -ethoxystyryl ketone, 95.  
 $C_{19}H_{19}O_4N_3$  5-Methoxy-1-(2'-acetamido-4'-acetoxyphenyl)-2-methylbenzimidazole, 162.  
 $C_{19}H_{19}O_4N_5$  *m*-Diallylaminobenzaldehyde 2:4-dinitrophenylhydrazone, 1094.  
 $C_{19}H_{19}O_4Br_3$  5-Bromo-2-hydroxy-4:6-dimethoxyphenyl  $\alpha\beta$ -dibromo- $\beta$ -3:4-dimethoxyphenylethyl ketone, 93.  
 $C_{19}H_{20}O_6N_4$  6-Hydroxy-7-acetyl-2-*isopropyl*coumaran 2:4-dinitrophenylhydrazone, 936.  
 Tetrahydroeuparin 2:4-dinitrophenylhydrazone, 928.  
 $C_{19}H_{20}O_6N_4$  5:7-Dihydroxy-6-acetyl-2:2-dimethylchroman 2:4-dinitrophenylhydrazone, 1259.  
 $C_{19}H_{20}O_6Br_2$  *iso*Propylidenedibromoleucodrin methyl ether, 1087.  
 $C_{19}H_{20}O_6N_4$  Ethyl 3:5-dimethoxy-2-formylphenoxyacetate 2:4-dinitrophenylhydrazone, 923.  
 $C_{19}H_{21}ON$  1-Acetamidodiphenylcyclopentanes, 1414.  
 $C_{19}H_{21}O_2N_3$  3-Nitro-5-*n*-butylamino-7-ethoxyacridine, 478.  
 $C_{19}H_{22}O_6N_4$  4-Methyl anhydrogalactose phenylosazone, 1737.  
 $C_{19}H_{22}O_6Br_2$  Dibromoleucodrin tetramethyl ether, 1087.  
 $C_{19}H_{23}O_2N$  4-Methylcyclohexyl-1-carbinyl  $\alpha$ -naphthylurethanes, 1247.  
 $C_{19}H_{23}O_2N_3$  5-Keto-8- $\alpha$ -naphthylcetoic acid semicarbazone, 1741.  
 $C_{19}H_{23}O_4N_5$  *m*-Di-*n*-propylaminobenzaldehyde 2:4-dinitrophenylhydrazone, 1093.  
 $C_{19}H_{23}O_6Br$  Bromoleucodrin tetramethyl ether, 1088.  
 $C_{19}H_{23}O_{10}N$  Nitroleucodrin tetramethyl ether, 1088.  
 $C_{19}H_{24}ON_2$  5-Ethylruban-5-ol, and its picrate, 1244.  
 $C_{19}H_{24}O_2N_2$  Niquidines, and their salts, 240.  
 $C_{19}H_{24}O_4N_4$  4-Methyl galactose phenylosazone, 1737.  
 $C_{19}H_{25}O_2N_3$  Nitrosodihydroliquidine, 245.  
 $C_{19}H_{26}O_2N_2$  Dihydroliquidine, and its salts, 245.  
 $C_{19}H_{27}O_2N_3$  Ethyl 2-( $\gamma$ -*m*-methoxyphenylpropyl)cyclopentanone-2-carboxylate, 1404.  
 $C_{19}H_{28}O_4N_4$  2-*sec*-*iso*Octylcyclopentanone 2:4-dinitrophenylhydrazone, 1548.

## 19 IV

- $C_{19}H_{15}O_8N_3S_2$  2:4-Dinitro-5-*p*-toluenesulphonamidodiphenylsulphone, 905.  
 $C_{19}H_{16}O_8N_2S_2$  2-Anilinothiobenzenesulphonylamide, 762.

- $C_{19}H_{16}O_6N_2S_2$  2-Nitro-5-*p*-toluenesulphonamidodiphenylsulphone, 905.  
 4-Nitro-3-*p*-toluenesulphonamidodiphenylsulphone, 905.  
 $C_{19}H_{17}ONS$  Benzoyl- $\beta$ -2-(5-phenylthienyl)ethylamine, 1745.  
 $C_{19}H_{17}O_6N_3S$  2:4-Diketo-3-phenyltetrahydrothiazole-2- $\alpha$ -phenylethylidenehydrazone-5-acetic acid, 1049.  
 $C_{19}H_{17}O_6NS_2$  3-*p*-Toluenesulphonamidodiphenylsulphone, 905.  
 $C_{19}H_{20}ON_2Cl$  4-*p*-Acetamidophenylamino-2-methylquinoline methochloride, 491.  
 $C_{19}H_{20}ON_2I$  4-*p*-Acetamidophenylamino-2-methylquinoline methiodide, 491.  
 $C_{19}H_{25}O_2N_2I$  Iododihydroepi-C<sub>9</sub>-quinidine, 246.  
 $C_{19}H_{26}O_3NBr$  Triacetyl  $\alpha$ -benzylglucosaminide hydrobromide, 277.

## 19 V

- $C_{19}H_{15}O_2N_2ClS_2$  5-Chloro-2-anilinothiobenzobenzenesulphonylamide, 762.  
 $C_{19}H_{19}N_2ISse$  2:2'-Diethylselenathiacyanine iodide, 149.

C<sub>20</sub> Group.

- $C_{20}H_{14}$  1-Phenylanthracene, 396.  
 $C_{20}H_{36}$  Ferruginane, 1035.

## 20 II

- $C_{20}H_{10}O_2$  1'-Ketoindeno(2':3':1:2)fluorenone, 396.  
 $C_{20}H_{12}O_3$  3:6-Diphenylphthalic anhydride, 394.  
 2-Phenylfluorenone-1-carboxylic acid, 395.  
 $C_{20}H_{12}O_4$  Methyl 1:2-benzanthraquinone-5-carboxylate, 270.  
 $C_{20}H_{14}O_3$  Benzoylphenylbenzoic acids, 396.  
 2'-Methoxy-6:7-benzoflavone, 1683.  
 $C_{20}H_{14}O_4$  2-(1'-Hydroxy-2'-naphthoyl)naphthalene-3-carboxylic acid, 400.  
 3'-Phenyl-4:2'-dimethylchromono-7':8':6:5- $\alpha$ -pyrone, 1253.  
 4'-*p*-Tolyl-4-methylcoumarino-7':8':6:5- $\alpha$ -pyrone, 1253.  
 $C_{20}H_{14}O_6$  9:10-Dihydroxy-1:2-dimethoxynaphthacene-11:12-quinone, 401.  
 $C_{20}H_{14}Br_2$  9:10-Di(bromomethyl)-1:2-benzanthracene, 806.  
 $C_{20}H_{16}O_2$  9:10-Di(hydroxymethyl)-1:2-benzanthracene, 806.  
 Diphenylpiperonylmethane, 303.  
 $C_{20}H_{16}O_3$  Benzoyl-2-methoxy-3-naphthoylethane, 1682.  
 Diphenylpiperonylcarbinol, 303.  
 $C_{20}H_{16}O_4$  3-Acetoxy-5:5'-dimethyl-2:3'-dicoumaronyl, 280.  
 4:7-Dimethoxy-2'-formyl-3'-keto-1:2-cyclopentenophenanthrene, 1401.  
 $C_{20}H_{16}O_5$  *o*-(1':5'-Dimethoxy-2'-naphthoyl)benzoic acid, 400.  
 $C_{20}H_{16}O_6$  Elliptone, structure of, 1424.  
 Elliptones, 1103.  
 $C_{20}H_{16}O_7$  Elliptolone, 1426.  
 $C_{20}H_{17}N_3$  2:2'-Dimethyl-4:6'-diquinolylamine, 492.  
 $C_{20}H_{18}O$  4-Methoxy-3':7-dimethyl-1:2-cyclopentadienophenanthrene, 799.  
 $C_{20}H_{18}O_2$  2:5-Dimethoxy-*p*-terphenyl, 1286.  
 $C_{20}H_{18}O_3$  7-Methoxy-4-ethoxy-3'-keto-1:2-cyclopentenophenanthrene, 1403.  
 $C_{20}H_{18}O_4$  9:10-Di(acetoxymethyl)anthracene, 806.  
 3'-Hydroxy-4-acetoxy-7-methoxy-1:2-cyclopentenophenanthrene, 1400.  
 $C_{20}H_{18}O_6$  4:7-Dimethoxyphenanthrene-1- $\beta$ -propionic-2-carboxylic acid, 1401.  
 $C_{20}H_{18}O_8$  Elliptic acid, 1426.  
 $C_{20}H_{20}O$  4-Methoxy-3':7-dimethyl-1:2-cyclopentenophenanthrene, 799.  
 $C_{20}H_{20}O_2$  5:7-Dihydroxy-8-cinnamoyl-2:2-dimethylchroman, 1259.  
 Methyl 1-phenyl-1:2:3:4-tetrahydronaphthalene-2:3-dicarboxylate, 1239.  
 $C_{20}H_{20}O_6$  4:7-Dimethoxy-9:10-dihydrophenanthrene-1- $\beta$ -propionic-2-carboxylic acid, 1402.  
 6:7-Methylenedioxy-1-(3':4'-methylenedioxyphenyl)-2:3-dihydroxymethyl-1:2:3:4-tetrahydronaphthalene, 1240.  
 Tetrahydroelliptones, 1103.  
 $C_{20}H_{22}O_4$  5:7-Dihydroxy-8- $\beta$ -phenylpropionyl-2:2-dimethylchroman, 1259.  
 $C_{20}H_{22}O_6$  4:7-Dimethoxy-1:2:3:4-tetrahydrophenanthrene-1- $\beta$ -propionic-2-carboxylic acid, 1402.  
 $C_{20}H_{24}O_6$  *iso*Propylideneleucodrin dimethyl ether, 1088.  
 $C_{20}H_{28}O_2$  1:12-Dimethyl-7-*isopropyl*octahydrophenanthrene-1-carboxylic acid, 1303.  
 $C_{20}H_{28}O_3$  Marrubiin, 587.  
 $C_{20}H_{30}O$  Ferruginol, 1032.  
 $C_{20}H_{32}O_4$  Tetrahydromarrubiin, 588.  
 $C_{20}H_{38}O_{11}$  Octamethyl di-idose, 1072.

## 20 III

- $C_{20}H_{10}O_4Br_2$  6:6'-Dibromo-3':4'-methylenedioxy-7:8-benzoflavone, 98.  
 $C_{20}H_{11}O_4N$  1:9-Phenylencarbazole-3:6-dicarboxylic acid, 1955.  
 $C_{20}H_{11}O_4Br$  6'-Bromo-3':4'-methylenedioxy-7:8-benzoflavone, 98.  
 6'-Bromo-3':4'-methylenedioxy-1-benzylidene-5:6-benzocoumaran-2-one, 98.  
 $C_{20}H_{12}O_4Br_2$  4-Bromo-1-hydroxy-2-naphthyl-6-bromo-3:4-methylenedioxystryryl ketone, 97.  
 $C_{20}H_{12}O_4Br_4$  4-Bromo-1-hydroxy-2-naphthyl  $\alpha\beta$ -dibromo- $\beta$ -(6-bromo-3:4-methylenedioxyphenyl)ethyl ketone, 97.  
 $C_{20}H_{13}O_2N$  3:6-Diphenylphthalimide, 395.

- $C_{20}H_{13}O_3N$  *N*-Hydroxy-3:6-diphenylphthalimide, 395.  
 $C_{20}H_{13}O_2Br$  1-Hydroxy-2-naphthyl 6-bromo-3:4-methylenedioxyethyl ketone, 96.  
 $C_{20}H_{14}O_2N_2$  3-Anilinothiophthalanil, 137.  
 $C_{20}H_{15}O_2Cl$  Diphenylpiperonylmethyl chloride, 303.  
 $C_{20}H_{15}O_2Br$  Diphenylpiperonylmethyl bromide, 304.  
 $C_{20}H_{15}O_3N_3$  9-(2'-Nitro-4'-aminophenyl)carbazole, 1952.  
 $C_{20}H_{16}O_2N_4$  3:6-Dianilinothiophthalhydrazide, 139.  
 $C_{20}H_{17}ON$  4'-Acetamido-*m*-terphenyl, 1291.  
 $C_{20}H_{17}O_2N$  Methyl 3:6-diphenylanthranilate, 395.  
 $C_{20}H_{17}O_2N$  Elliptone oximes, 1103.  
 $C_{20}H_{18}O_2N_2$  Phenyl-2-pyridylmethylcarbinol phenylurethane, 811.  
 $C_{20}H_{18}O_2N_2$  *p*-Methoxyphenyl-2-pyridylcarbinol phenylurethane, 812.  
 $C_{20}H_{18}O_2N_2$  *cyclo*Hexane-1:4-dione di-*o*-carboxyanil, 787.  
 $C_{20}H_{18}NI$  1:1'-Dimethyl-2:2'-azacyanine iodide, 148.  
 $C_{20}H_{20}O_2N_4$   $\alpha$ -Cinnamylidenediethyl ketone 2:4-dinitrophenylhydrazine, 1563.  
 $C_{20}H_{20}O_2N_4$   $\beta$ -(5-Methoxy-1:2:3:4-tetrahydro-1-naphthyl)ethyl alcohol, 789.  
 $C_{20}H_{21}O_2N$  2-Hydroxy-1-methyl-4-ethyl-5:6:7:8-tetrahydronaphthalene *p*-nitrobenzoate, 941.  
 $C_{20}H_{22}O_2N_4$  Ethyl 3:5-dimethoxy-2-formyl-4-methylphenoxyacetate 2:4-dinitrophenylhydrazine, 924.  
 $C_{20}H_{23}O_2N$  Ethyl 3:5-dimethoxy-2-formyl-6-methylphenoxyacetate 2:4-dinitrophenylhydrazine, 924.  
 $C_{20}H_{23}O_2N$  *d*-Cryptol  $\alpha$ -naphthylurethane, 266.  
 $C_{20}H_{23}O_2N$  *dl*-Cryptol  $\alpha$ -naphthylurethanes, 1532.  
 $C_{20}H_{23}O_2N$  Artabotrine, 991.  
 $C_{20}H_{24}O_2N_2$   $\beta$ -Propylglutardianilide, 1297.  
 $C_{20}H_{24}O_2N_4$  3-Nitro-5- $\beta$ -diethylaminoethylamino-7-methoxyacridine, 478.  
 $C_{20}H_{24}O_2N_4$  *cyclo*Citrylidenedecrotonaldehyde 2:4-dinitrophenylhydrazine, 1559.  
 $C_{20}H_{25}O_2N$  *N*-Benzoyl triacetyl  $\beta$ -methylglucosaminide, 277.  
 $C_{20}H_{26}ON_4$  3-Amino-5- $\beta$ -diethylaminoethylamino-7-methoxyacridine, 478.  
 $C_{20}H_{26}O_2N_4$  4'-Nitro-4-diisobutylaminoazobenzene, 1385.  
 $C_{20}H_{26}O_2N_4$  4'-Nitro-*N*-*n*-octylaminodiazaminobenzene, 1385.  
 $C_{20}H_{26}O_2NS$  3:6-Anhydro- $\beta$ -methyl-*d*-galactoside, 1848.  
 $C_{20}H_{27}ON$  Vitamin-*A* aldehyde oxime, 132.  
 $C_{20}H_{27}O_2Br$  *p*-Bromophenacyl 5:9-dimethyldecenoates, 1547.  
 $C_{20}H_{27}O_2N$  Hexamethoxydibenzylamine, 91.  
 $C_{20}H_{28}O_2N_2$  *N*-Methyldihydroquinidine, 245.  
 $C_{20}H_{29}O_2N$  (-)-Menthyl (+)-tartranilate, 639.  
 $C_{20}H_{30}O_2N_4$  2-*n*-Heptylcycloheptanone 2:4-dinitrophenylhydrazine, 186.

## 20 IV

- $C_{20}H_{13}O_2NS$  Naphthyl nitronaphthyl sulphides, 1095.  
 $C_{20}H_{16}O_2N_2S$  3-Nitro-5-*p*-amidodisulphonylanilino-7-methoxyacridine, 477.  
 $C_{20}H_{17}O_2NS_2$  2:4-Di-*p*-tolylthionitrobenzene, 905.  
 $C_{20}H_{17}O_2NS_2$  4-Nitro-3-*p*-tolylthio-4'-methylidiphenylsulphone, 906.  
 $C_{20}H_{17}O_2NS_2$  2:4-Di-*p*-tolylsulphonylnitrobenzene, 905.  
 $C_{20}H_{18}O_2N_2S_2$  2-Anilinothiobenzo-*p*-toluenesulphonylamide, 762.  
 $C_{20}H_{18}O_2N_2S$  3-Amino-5-*p*-amidodisulphonylanilino-7-methoxyacridine, 477.  
 $C_{20}H_{19}NIS$  1'-Methyl-2-ethylthia-4'-cyanine iodide, 1012.  
 $C_{20}H_{19}N_2Se$  1'-Methyl-2-ethylseleno-4'-cyanine iodide, 1012.  
 $C_{20}H_{20}O_2N_2Cu$  Cupric acetoacetanilide, 488.  
 $C_{20}H_{23}O_2NS_2$  2-Ethylthiolquinoline etho-*p*-toluenesulphonate, 148.  
 $C_{20}H_{25}O_2N_2Br$  Bromodihydroquinidines, and their salts, 243.  
 $C_{20}H_{25}O_2N_2I$  Iododihydroquinidines, and their salts, 242.  
 $C_{20}H_{27}O_2N_2S$  4'-Diisobutylaminoazobenzene-4-sulphonic acid, potassium salt, 1385.  
 $C_{20}H_{28}O_2N_2As$  4-Octylaminoazobenzene-4'-arsonic acid, 4.  
 $C_{20}H_{32}Cl_2As_2Pd$  Di-*o*-phenylenebis(dimethylarsine)palladium dichloride, 1630.  
 $C_{20}H_{32}Cl_2As_2Pd_2$  Di-*o*-phenylenebis(dimethylarsine)palladium palladochloride, 1630.

## 20 V

- $C_{20}H_{13}O_2N_4SCr$  2'-Hydroxy-4'-sulphonaphthalene-1':4-azo-1-phenyl-3-methylpyrazol-5-one chromisulphonate, 833.  
 $C_{20}H_{18}N_2ClIS$  5-Chloro-1'-methyl-2-ethylthia-4'-cyanine iodide, 1012.

 $C_{21}$  Group.

- $C_{21}H_{16}$  5-*iso*Propenyl-1:2-benzanthracene, 270.  
 $C_{21}H_{18}$  5-*iso*Propyl-1:2-benzanthracene, 270.

## 21 II

- $C_{21}H_{10}O_2$  Dimethoxytriphenylmethyls, properties and stability of, 33.  
 $C_{21}H_{12}O$  1:2:5:10-Dibenz-9-anthrone, 269.  
 $C_{21}H_{14}O$  9:10-Dihydroxyphenanthrene phenylhydroxymethylene ether, 1431  
 Methyl 2-phenylfluorenone-1-carboxylate, 395.  
 $C_{21}H_{14}O_2$  2'-Acetoxy-6:7-benzoflavone, 1683.  
 $C_{21}H_{14}O$  Phenyl  $\beta\beta$ -diphenylvinyl ketone, 434.

## 2021



- C<sub>21</sub>H<sub>16</sub>O<sub>2</sub>**  $\beta$ -(1:2-Benz-10-anthranyl)propionic acid, 805.  
 Ethyl 1:2-benz-5-anthroate, 270.  
 5-*iso*Propyl-1:2-benzanthraquinone, 270.  
**C<sub>21</sub>H<sub>16</sub>O<sub>5</sub>** 4:7-Diacetoxy-3'-keto-1:2-*cyclo*pentenophenanthrene, 1404.  
**C<sub>21</sub>H<sub>16</sub>O** 10-Ethoxymethyl-1:2-benzanthracene, 804.  
**C<sub>21</sub>H<sub>16</sub>O<sub>3</sub>**  $\beta$ -Hydroxy- $\beta\beta$ -diphenylpropiofenone, 434.  
**C<sub>21</sub>H<sub>16</sub>O<sub>4</sub>** *o*-Anisoyl-2-methoxy-3-naphthoylethane, 1682.  
**C<sub>21</sub>H<sub>20</sub>O<sub>6</sub>** 7-Methoxy-4-ethoxyphenanthrene-1- $\beta$ -propionic-2-carboxylic acid, 1403.  
**C<sub>21</sub>H<sub>20</sub>O<sub>8</sub>** Methyl elliptate, 1426.  
**C<sub>21</sub>H<sub>21</sub>N** Dibenzyltoluidines, complex compounds of, 1861.  
**C<sub>21</sub>H<sub>21</sub>N<sub>3</sub>** 2-Benzylidene-3-ketoquinuclidine phenylhydrazone, 1243.  
**C<sub>21</sub>H<sub>22</sub>O<sub>8</sub>** 2:3-Dibenzoyl  $\beta$ -methylgalactoside, 1249.  
**C<sub>21</sub>H<sub>24</sub>O<sub>4</sub>** 7-Hydroxy-5-methoxy-8- $\beta$ -phenylpropionyl-2:2-dimethylchroman, 1260.  
**C<sub>21</sub>H<sub>24</sub>O<sub>4</sub>** 7-Methoxy-4-ethoxy-1:2:3:4-tetrahydrophenanthrene-1- $\beta$ -propionic-2-carboxylic acid, 1404.  
**C<sub>21</sub>H<sub>30</sub>O<sub>2</sub>** Ferruginyl formate, 1034.  
 Methyl 1:12-dimethyl-7-*isopropyl*octahydrophenanthrene-1-carboxylate, 1303.  
**C<sub>21</sub>H<sub>32</sub>O<sub>2</sub>** *trans-p-n*-Dodecylcinnamic acid, 425.  
**C<sub>21</sub>H<sub>34</sub>O** Ferruginyl methyl ether, 1034.  
**C<sub>21</sub>H<sub>34</sub>O<sub>6</sub>** Sarcostin, 741.

## 21 III

- C<sub>21</sub>H<sub>11</sub>OD<sub>5</sub>** Phenyl  $\beta$ -phenyl- $\beta$ -pentadeuterophenylvinyl ketone, 434.  
**C<sub>21</sub>H<sub>13</sub>O<sub>2</sub>D<sub>5</sub>**  $\beta$ -Hydroxy- $\beta$ -phenyl- $\beta$ -pentadeuterophenylpropiofenone, 434.  
**C<sub>21</sub>H<sub>13</sub>O<sub>2</sub>Cl** 9:10-Dihydroxyphenanthrene *p*-chlorophenylhydroxymethylene ether, 1432.  
**C<sub>21</sub>H<sub>13</sub>O<sub>2</sub>Br<sub>3</sub>** 4-Bromo-1-methoxy-2-naphthyl  $\alpha$ :6-dibromo-3:4-methylenedioxystryryl ketone, 97.  
**C<sub>21</sub>H<sub>14</sub>O<sub>3</sub>N<sub>2</sub>** Nitro-3-acetylindeno(2':3':2:1)- $\beta$ -naphthindole, 1536.  
**C<sub>21</sub>H<sub>14</sub>O<sub>2</sub>Br<sub>4</sub>** 4-Bromo-1-methoxy-2-naphthyl  $\alpha\beta$ -dibromo- $\beta$ -(6-bromo-3:4-methylenedioxyphenyl)ethyl ketone, 97.  
**C<sub>21</sub>H<sub>15</sub>ON** 3-Acetylindeno(2':3':2:1)- $\beta$ -naphthindole, 1536.  
**C<sub>21</sub>H<sub>15</sub>O<sub>2</sub>N** Diphenyl triketone  $\beta$ -anil oxide, 1429.  
**C<sub>21</sub>H<sub>15</sub>O<sub>2</sub>Br** 1-Methoxy-2-naphthyl 6-bromo-3:4-methylenedioxystryryl ketone, 96.  
**C<sub>21</sub>H<sub>15</sub>O<sub>2</sub>Cl** 7:2':4'-Trihydroxy-4-(3':4''-dihydroxyphenyl)flavylium chloride, 1018.  
**C<sub>21</sub>H<sub>16</sub>ON<sub>2</sub>** Benzil benzaldehyde azine, 262.  
**C<sub>21</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl 9-(2'-nitrophenyl)carbazole-3-carboxylate, 1954.  
**C<sub>21</sub>H<sub>17</sub>O<sub>2</sub>N** Ethyl 9-phenylcarbazole-4'-carboxylate, 1953.  
**C<sub>21</sub>H<sub>17</sub>O<sub>3</sub>N** Acetyl-3:6-diphenylanthranilic acid, 395.  
 Methyl  $\alpha$ -benzamido- $\beta$ -2-naphthylacrylate, 201.  
**C<sub>21</sub>H<sub>17</sub>O<sub>2</sub>Br** Bromo-*o*-anisoyl-2-methoxy-3-naphthoylethane, 1682.  
**C<sub>21</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl 9-(2'-aminophenyl)carbazole-3-carboxylate, 1954.  
**C<sub>21</sub>H<sub>18</sub>O<sub>6</sub>N<sub>4</sub>** Dunnione 2:4-dinitrophenylhydrazones, 1526.  
 $\alpha$ - and  $\beta$ -Lapachone 2:4-dinitrophenylhydrazones, 1528.  
**C<sub>21</sub>H<sub>19</sub>ON** *m*-Dibenzylaminobenzaldehyde, 1094.  
**C<sub>21</sub>H<sub>19</sub>O<sub>2</sub>Cl** Dimethoxytriphenylmethyl chlorides, 36.  
**C<sub>21</sub>H<sub>19</sub>O<sub>2</sub>Br** 2:4'-Dimethoxytriphenylmethyl bromide, 36.  
**C<sub>21</sub>H<sub>20</sub>ON<sub>2</sub>** *m*-Dibenzylaminobenzaldoxime, 1094.  
**C<sub>21</sub>H<sub>20</sub>O<sub>6</sub>S<sub>2</sub>** Di-(5-methoxy-3-carboxy-2-methyl-4-thienyl)phenylmethane, 1117.  
**C<sub>21</sub>H<sub>20</sub>N<sub>3</sub>I** 1-Methyl-1'-ethyl-2:2'-azacyanine iodide, 148.  
**C<sub>21</sub>H<sub>20</sub>O<sub>2</sub>N<sub>4</sub>** 3-Nitro-5- $\beta$ -piperidinoethylamino-7-methoxyacridine, 477.  
**C<sub>21</sub>H<sub>24</sub>O<sub>5</sub>N<sub>4</sub>** 2-( $\gamma$ -*m*-Methoxyphenylpropyl)*cyclo*pentanone 2:4-dinitrophenylhydrazone, 1405.  
**C<sub>21</sub>H<sub>25</sub>O<sub>2</sub>N<sub>3</sub>** 3-Acetamido-5-*n*-butylamino-7-ethoxyacridine, 478.  
**C<sub>21</sub>H<sub>25</sub>O<sub>2</sub>N** Artabotrine methine, 996.  
**C<sub>21</sub>H<sub>26</sub>ON<sub>4</sub>** 3-Amino-5- $\beta$ -piperidinoethylamino-7-methoxyacridine, 478.  
**C<sub>21</sub>H<sub>26</sub>O<sub>4</sub>N<sub>4</sub>** *l*- $\beta$ -Curcumenal 2:4-dinitrophenylhydrazone, 1509.  
**C<sub>21</sub>H<sub>27</sub>ON**  $\beta$ -Curcumenylanilide, 1509.  
**C<sub>21</sub>H<sub>27</sub>O<sub>2</sub>N** 4-*iso*Propyl*cyclo*hexyl-1-carbinyl  $\alpha$ -naphthylurethanes, 1247.  
**C<sub>21</sub>H<sub>27</sub>O<sub>4</sub>N** Dihydroartabotrine methine, 996.  
**C<sub>21</sub>H<sub>27</sub>O<sub>9</sub>N** Tetra-acetyl  $\beta$ -benzylglucosaminide, 277.  
**C<sub>21</sub>H<sub>28</sub>ON<sub>2</sub>** 4-Benzamidod*iso*butylaniline, 1385.

## 21 IV

- C<sub>21</sub>H<sub>13</sub>O<sub>4</sub>N<sub>2</sub>Cl** 6-Chloro-3-(2'-carboxyanilino)phthalanil, 138.  
**C<sub>21</sub>H<sub>15</sub>O<sub>4</sub>N<sub>2</sub>Br** 1-Phenyl*iso*quinoline 2:4-dinitrophenylhydrazone, 361.  
**C<sub>21</sub>H<sub>21</sub>ON<sub>2</sub>I** 2:1'-Diethyl-4'-cyanine iodide, 150.  
**C<sub>21</sub>H<sub>21</sub>N<sub>2</sub>IS** 2:1'-Diethylthia-4'-cyanine iodide, 1012.  
**C<sub>21</sub>H<sub>26</sub>O<sub>4</sub>NI** Artabotrine methiodide, 995.

C<sub>22</sub> Group.

- C<sub>22</sub>H<sub>22</sub>** 2:5:2':5'-Tetramethyl-*p*-terphenyl, 1287.

## 22 II

- C<sub>22</sub>H<sub>12</sub>O<sub>4</sub>** 13:14-Dihydropentacene-11:12-quinone, 401.  
**C<sub>22</sub>H<sub>12</sub>N<sub>2</sub>** 3:4:8:9-Dibenzo-5:10-diazapyrene, 1115.

- C<sub>22</sub>H<sub>14</sub>O** 1:2:3:4-Dibenz-9-anthrone, 493.  
**C<sub>22</sub>H<sub>14</sub>O<sub>2</sub>**  $\beta$ -Naphthil, 200.  
**C<sub>22</sub>H<sub>16</sub>O** Deoxy- $\beta$ -naphthoin, 200.  
**C<sub>22</sub>H<sub>16</sub>O<sub>2</sub>**  $\beta$ -Naphthoin, 200.  
*o*-9-Phenanthrylmethylbenzoic acid, 493.  
**C<sub>22</sub>H<sub>16</sub>O<sub>3</sub>** 1-*p*-Benzyloxybenzylideneecoumarin-2-one, 1005.  
 4'-Benzyloxyflavone, 1005.  
 9:10-Dihydroxyphenanthrene phenylmethoxymethylene ether, 1432.  
**C<sub>22</sub>H<sub>16</sub>O<sub>4</sub>** (1:2-Benzanthranyl-10-methyl)malonic acid, and its sodium salt, 805.  
 4'-Benzyloxyflavonol, 1005.  
**C<sub>22</sub>H<sub>18</sub>O** Phenyl  $\beta$ -phenyl- $\beta$ -*p*-tolylvinyl ketone, 435.  
**C<sub>22</sub>H<sub>18</sub>O<sub>2</sub>** Hydro- $\beta$ -naphthoin, 200.  
**C<sub>22</sub>H<sub>18</sub>O<sub>3</sub>** *o*-Hydroxyphenyl *p*-benzyloxystyryl ketone, 1004.  
**C<sub>22</sub>H<sub>18</sub>O<sub>4</sub>** Methyl 3:6-diphenylphthalate, 394.  
 Xyloquinol dibenzoates, 544.  
**C<sub>22</sub>H<sub>18</sub>O<sub>5</sub>** 5-Acetoxy-6-phenylacetyl-4-methylcoumarin, 1253.  
**C<sub>22</sub>H<sub>18</sub>O<sub>7</sub>** Elliptone acetates, 1103.  
**C<sub>22</sub>H<sub>18</sub>O<sub>8</sub>** *O*-Acetylleiptolone, 1426.  
**C<sub>22</sub>H<sub>18</sub>N<sub>2</sub>** 1:5-Dianilimonaphthalene, 1115.  
**C<sub>22</sub>H<sub>19</sub>N<sub>3</sub>** 5-Acrydylaldehyde-*p*-ethylaminoanil, 4.  
**C<sub>22</sub>H<sub>20</sub>O<sub>2</sub>**  $\beta$ -Hydroxy- $\beta$ -phenyl- $\beta$ -*p*-tolylpropiofenone, 435.  
**C<sub>22</sub>H<sub>20</sub>O<sub>3</sub>** 2:6-Dibenzoyloxyacetophenone, 1924.  
**C<sub>22</sub>H<sub>20</sub>O<sub>6</sub>**  $\alpha\beta$ -Di-(3:4-dimethoxybenzyl)succinic acids, and their salts, 154.  
**C<sub>22</sub>H<sub>22</sub>O<sub>2</sub>** Xyloquinol dibenzyl ethers, 543.  
**C<sub>22</sub>H<sub>22</sub>O<sub>4</sub>** 2:5:2':5''-Tetramethoxy-*p*-terphenyl, 1286.  
**C<sub>22</sub>H<sub>22</sub>O<sub>6</sub>** Methyl 4:7-dimethoxyphenanthrene-1- $\beta$ -propionate-2-carboxylate, 1401.  
**C<sub>22</sub>H<sub>24</sub>O<sub>4</sub>** Ethyl 1-phenyl-1:2:3:4-tetrahydronaphthalene-2:3-dicarboxylate, 1239.  
**C<sub>22</sub>H<sub>24</sub>O<sub>7</sub>**  $\alpha\beta$ -Di-(3:4-dimethoxybenzyl)succinic anhydrides, 155.  
**C<sub>22</sub>H<sub>24</sub>O<sub>8</sub>** 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)-1:2:3:4-tetrahydronaphthalene-2:3-dicarboxylic acid, 1239.  
**C<sub>22</sub>H<sub>26</sub>O<sub>4</sub>** 5:7-Dimethyl-8- $\beta$ -phenylpropionyl-2:2-dimethylchroman, 1260.  
**C<sub>22</sub>H<sub>26</sub>O<sub>6</sub>**  $\alpha\beta$ -Di-(3:4-dimethoxybenzyl)butyrolactones, 155.  
**C<sub>22</sub>H<sub>26</sub>N<sub>4</sub>** Calycanthine, and its salts, 510.  
**C<sub>22</sub>H<sub>28</sub>O<sub>5</sub>** 3:4-Di-(3':4'-dimethoxybenzyl)tetrahydrofuran, 1056.  
**C<sub>22</sub>H<sub>28</sub>O<sub>6</sub>** 1-(3':4'-Dimethoxyphenyl)-2:3-dihydroxymethyl-1:2:3:4-tetrahydronaphthalene, 1240.  
**C<sub>22</sub>H<sub>30</sub>O<sub>6</sub>**  $\alpha\delta$ -Bis-(3:4-dimethoxyphenyl)- $\beta\gamma$ -di(hydroxymethyl)butane, 1240.  
**C<sub>22</sub>H<sub>30</sub>O<sub>7</sub>**  $\alpha\delta$ -Di-(3:4-dimethoxyphenyl)- $\beta\gamma$ -di(hydroxymethyl)butane, 1056.  
**C<sub>22</sub>H<sub>30</sub>O<sub>7</sub>**  $\alpha$ -Hydroxy- $\alpha\delta$ -di-(3:4-dimethoxyphenyl)- $\beta\gamma$ -di(hydroxymethyl)butane, 1057.  
**C<sub>22</sub>H<sub>30</sub>N<sub>4</sub>** 3:3'-Bisdiethylaminobenzylideneazine, 1093.  
**C<sub>22</sub>H<sub>32</sub>O<sub>2</sub>** Ethyl 1- $\beta$ -3-*isopropyl*phenylethyl-2:6-dimethyl- $\Delta^6$ -cyclohexene-2-carboxylate, 1302.  
 Ferruginyl acetate, 1034.  
**C<sub>22</sub>H<sub>32</sub>O<sub>6</sub>** Acetylmarrubic acid, 588.  
**C<sub>22</sub>H<sub>32</sub>As<sub>2</sub>** Ethylene- $\alpha\beta$ -bis(phenyl-*n*-butylarsine), 613.  
**C<sub>22</sub>H<sub>39</sub>N** Cetylaniline, and its hydrochloride, 4.  
**C<sub>22</sub>H<sub>40</sub>As<sub>2</sub>** *o*-Phenylenebis(di-*n*-butylarsine), 612.

## 22 III

- C<sub>22</sub>H<sub>15</sub>ON** 1-Benzoylindeno(2':3':2:3)indole, 1535.  
**C<sub>22</sub>H<sub>15</sub>O<sub>2</sub>Cl** 9:10-Dihydroxyphenanthrene *p*-chlorophenylmethoxymethylene ether, 1432.  
**C<sub>22</sub>H<sub>15</sub>O<sub>2</sub>Br** 1-Acetoxy-2-naphthyl 6-bromo-3:4-methylenedioxyethyl ketone, 96.  
**C<sub>22</sub>H<sub>15</sub>O<sub>2</sub>Br<sub>2</sub>** 1-Acetoxy-2-naphthyl  $\alpha\beta$ -dibromo- $\beta$ -*p*-benzyloxyphenylethyl ketone, 97.  
**C<sub>22</sub>H<sub>16</sub>O<sub>2</sub>Br<sub>2</sub>** 1-*p*-Benzyloxybenzylideneecoumaran-2-one dibromide, 1005.  
**C<sub>22</sub>H<sub>16</sub>O<sub>2</sub>N<sub>4</sub>** Benzoylformylloxindole nitrophenylhydrazones, 193.  
**C<sub>22</sub>H<sub>17</sub>ON** Diphenyl-2-quinolylcarbinol, 811.  
**C<sub>22</sub>H<sub>17</sub>O<sub>2</sub>N**  $\beta$ -Naphthoin oxime, 200.  
**C<sub>22</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** Benzoylformylloxindole phenylhydrazone, 193.  
**C<sub>22</sub>H<sub>17</sub>O<sub>3</sub>N** Phenyl *p*-tolyl triketone  $\beta$ -anil oxide, 1430.  
**C<sub>22</sub>H<sub>17</sub>O<sub>2</sub>Br<sub>3</sub>** 4-Bromo-1-methoxy-2-naphthyl  $\alpha$ -bromo- $\beta$ -methoxy- $\beta$ -(6-bromo-3:4-methylenedioxyphenyl)-ethyl ketone, 97.  
**C<sub>22</sub>H<sub>17</sub>N<sub>2</sub>I** 5-(*m*-Nitrostyryl)acridine methiodide, 4.  
**C<sub>22</sub>H<sub>18</sub>ON<sub>2</sub>** 2-Methoxy-2'-methyl- $\alpha$ -azonaphthalene, 1315.  
**C<sub>22</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** 3-*p*-Toluidino-*N*-*p*-tolylphthalimide, 137.  
**C<sub>22</sub>H<sub>18</sub>O<sub>2</sub>Br<sub>2</sub>** *o*-Hydroxyphenyl  $\alpha\beta$ -dibromo- $\beta$ -*p*-benzyloxyphenylethyl ketone, 1004.  
**C<sub>22</sub>H<sub>18</sub>O<sub>4</sub>N<sub>2</sub>** 3-*p*-Anisidino-*N*-*p*-anisylphthalimide, 137.  
**C<sub>22</sub>H<sub>19</sub>O<sub>2</sub>N<sub>3</sub>** 9-(2':4'-Diacetamidophenyl)carbazole, 1952.  
**C<sub>22</sub>H<sub>19</sub>O<sub>2</sub>N<sub>3</sub>** 3-Nitro-5-*p*-anisidino-7-ethoxyacridine, 478.  
**C<sub>22</sub>H<sub>19</sub>O<sub>2</sub>Br** Ethyl 4-phenyl-6-(6'-bromo-3':4'-methylenedioxyphenyl)- $\Delta^3$ -cyclohexen-2-one-1-carboxylate, 97.  
**C<sub>22</sub>H<sub>20</sub>ON<sub>2</sub>** Benzil-*p*-dimethylaminoanil, 1429.  
**C<sub>22</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>** Benzil-*p*-dimethylaminoanil oxide, 1429.  
**C<sub>22</sub>H<sub>20</sub>O<sub>2</sub>N<sub>4</sub>** 3:6-Di-*p*-toluidinophthalhydrazide, 139.  
**C<sub>22</sub>H<sub>21</sub>O<sub>2</sub>N<sub>3</sub>** 3-Amino-5-*p*-anisidino-7-ethoxyacridine, 478.  
**C<sub>22</sub>H<sub>22</sub>ON<sub>4</sub>** *m*-Dibenzylaminobenzaldehyde semicarbazone, 1094.  
**C<sub>22</sub>H<sub>22</sub>O<sub>2</sub>Br<sub>2</sub>** Diacetyl*isopropylidene*dibromoleucodrin, 1087.  
**C<sub>22</sub>H<sub>22</sub>O<sub>11</sub>N<sub>2</sub>** Methyl 5-azoxy-4-methoxyphthalate, 1162.

- C<sub>22</sub>H<sub>23</sub>N<sub>3</sub>I<sub>2</sub>** 2:2'-Dimethyl-4:6'-diquinolylamine dimethiodide, 492.  
**C<sub>22</sub>H<sub>24</sub>O<sub>6</sub>Br<sub>2</sub>** Dibromo- $\alpha$ - $\beta$ -di-(3:4-dimethoxybenzyl)butyrolactones, 155.  
**C<sub>22</sub>H<sub>24</sub>O<sub>7</sub>N<sub>2</sub>**  $\beta$ -*m*-Methoxyphenylethylcyclohexanol 3:5-dinitrobenzoate, 176.  
**C<sub>22</sub>H<sub>24</sub>O<sub>10</sub>N<sub>2</sub>** Dinitro- $\alpha$ -di-(3:4-dimethoxybenzyl)butyrolactones, 155.  
**C<sub>22</sub>H<sub>25</sub>O<sub>5</sub>N** Acetylartabotrine, 995.  
**C<sub>22</sub>H<sub>26</sub>O<sub>3</sub>N<sub>4</sub>** 3-Nitro-5- $\beta$ -piperidinoethylamino-7-ethoxyacridine, 478.  
**C<sub>22</sub>H<sub>27</sub>O<sub>4</sub>N** 5:7-Dimethoxy-6- $\beta$ -phenylpropionyl-2:2-dimethylchroman oxime, 1260.  
**C<sub>22</sub>H<sub>27</sub>O<sub>11</sub>N** *N*-Carbobenzyloxy tetra-acetyl glucosamine, 125.  
**C<sub>22</sub>H<sub>28</sub>ON<sub>4</sub>** 3-Amino-5- $\beta$ -piperidinoethylamino-7-ethoxyacridine, 478.  
**C<sub>22</sub>H<sub>30</sub>O<sub>2</sub>N<sub>4</sub>** 4'-Nitro-4-*di*isomylaminoazobenzene, 1384.  
**C<sub>22</sub>H<sub>30</sub>O<sub>4</sub>N<sub>2</sub>** Mitragynine, and its salts, 986.  
**C<sub>22</sub>H<sub>32</sub>S<sub>2</sub>As<sub>2</sub>** Ethylene- $\alpha$ - $\beta$ -bis(phenyl-*n*-butylarsine sulphides), 614.  
**C<sub>22</sub>H<sub>38</sub>ON<sub>2</sub>** *N*-Nitrosocetylaniline, 5.  
**C<sub>22</sub>H<sub>38</sub>O<sub>8</sub>S<sub>2</sub>** 1:3-Dioctyloxybenzenedisulphonic acid, 1833.

## 22 IV

- C<sub>22</sub>H<sub>15</sub>O<sub>2</sub>N<sub>2</sub>Br** 1:3-Diphenyl-5-(6'-bromo-3':4'-methylenedioxyphenyl)pyrazole, 97.  
**C<sub>22</sub>H<sub>17</sub>O<sub>2</sub>N<sub>2</sub>Cl** 4-Chloro-3-*p*-toluidino-*N*-*p*-tolylphthalimide, 137.  
 6-Chloro-3-*p*-toluidino-*N*-*p*-tolylphthalimide, 138.  
**C<sub>22</sub>H<sub>17</sub>O<sub>4</sub>N<sub>4</sub>Br** 1-Benzylisoquinoline 2:4-dinitrophenylhydrazone, 361.  
**C<sub>22</sub>H<sub>18</sub>O<sub>7</sub>N<sub>4</sub>S** *pp'*-Bis-(2-pyridylamino)diphenylsulphone, 1202.  
**C<sub>22</sub>H<sub>20</sub>O<sub>4</sub>N<sub>4</sub>S** 3-Acetamido-5-*p*-amidodisulphonylanilino-7-methoxyacridine, 477.  
**C<sub>22</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>Cu** Cupric acetoacetomethylanilide, 489.  
 Cupric acetoaceto-*m*-toluidide, 488.  
**C<sub>22</sub>H<sub>26</sub>O<sub>4</sub>NI** *N*-Methylartabotrine methiodide, 995.  
**C<sub>22</sub>H<sub>31</sub>O<sub>4</sub>N<sub>2</sub>S** 4-*Di*isomylaminoazobenzene-4'-sulphonic acid, and its potassium salt, 1384.  
**C<sub>22</sub>H<sub>32</sub>Cl<sub>2</sub>As<sub>2</sub>Pd** Ethylene- $\alpha$ - $\beta$ -bis(phenylbutylarsine)dichloropalladium, 1632.  
**C<sub>22</sub>H<sub>38</sub>O<sub>4</sub>NAs** *N*-Palmitoylarsanilic acid, 3.  
**C<sub>22</sub>H<sub>40</sub>Cl<sub>2</sub>As<sub>2</sub>Pd** *o*-Phenylenebis(di-*n*-butylarsine)dichloropalladium, 1631.

C<sub>23</sub> Group.

- C<sub>23</sub>H<sub>14</sub>O<sub>2</sub>** 2:2'-Naphthyl-6:7-benzochromone, 1683.  
 Naphthyl-7:8-benzochromones, 1680.  
**C<sub>23</sub>H<sub>14</sub>O<sub>3</sub>** 2-(3'-Hydroxy-2'-naphthyl)-7:8-benzochromone, 1681.  
 Hydroxynaphthylbenzochromones, 1683.  
**C<sub>23</sub>H<sub>16</sub>O<sub>3</sub>** 1-Hydroxydinaphthoilmethanes, 1680.  
 Naphthoyloxy-2-acetonaphthones, 1680.  
**C<sub>23</sub>H<sub>18</sub>O<sub>2</sub>**  $\beta$ -Naphthoin methyl ether, 200.  
**C<sub>23</sub>H<sub>18</sub>O<sub>6</sub>** 2:5-Dibenzoyloxy-6-methoxyacetophenone, 959.  
**C<sub>23</sub>H<sub>20</sub>O<sub>2</sub>** *p*-Tolyl *p*-benzyloxystyryl ketone, 1004.  
**C<sub>23</sub>H<sub>22</sub>O<sub>7</sub>** *l*- $\alpha$ -Toxicarol, properties of, 812.  
**C<sub>23</sub>H<sub>22</sub>O<sub>6</sub>** Methyl 7-methoxy-4-ethoxyphenanthrene-1- $\beta$ -propionate-2-carboxylate, 1403.  
**C<sub>23</sub>H<sub>24</sub>N<sub>4</sub>** 5-Ketoruban phenylhydrazone, 1243.  
**C<sub>23</sub>H<sub>26</sub>O<sub>2</sub>** 6:6'-Dihydroxyhexamethylbis-1:1'-*spiro*hydrindene, 1422.  
**C<sub>23</sub>H<sub>26</sub>O<sub>9</sub>** Tetrahydrosumatrolic acid, 1603.  
**C<sub>23</sub>H<sub>41</sub>N** *N*-Methyl-*N*-cetylaniline, and its hydrochloride, 5.

## 23 III

- C<sub>23</sub>H<sub>13</sub>OD<sub>8</sub>** Hexadeutero-1-(*a*-hydroxybenzyl)-3-benzylideneindene, 430.  
**C<sub>23</sub>H<sub>16</sub>O<sub>4</sub>N<sub>4</sub>** Phenyl 1-naphthyl ketone 2:4-dinitrophenylhydrazone, 948.  
**C<sub>23</sub>H<sub>16</sub>O<sub>4</sub>N<sub>4</sub>** 2:3-Diphenylcyclopentenone 2:4-dinitrophenylhydrazone, 570.  
 3:4-Diphenyl- $\Delta^3$ -cyclopentenone 2:4-dinitrophenylhydrazone, 569.  
**C<sub>23</sub>H<sub>16</sub>O<sub>8</sub>N<sub>2</sub>** 2:6-Di-*p*-nitrobenzoyloxy-3-formylacetophenone, 951.  
**C<sub>23</sub>H<sub>16</sub>O<sub>2</sub>Cl** *p*-Tolyl  $\alpha$ -chloro-*p*-benzyloxystyryl ketone, 1005.  
**C<sub>23</sub>H<sub>16</sub>O<sub>2</sub>Br** *p*-Tolyl  $\alpha$ -bromo-*p*-benzyloxystyryl ketone, 1005.  
**C<sub>23</sub>H<sub>16</sub>O<sub>3</sub>N<sub>3</sub>** Benzylformylindole *p*-methoxyphenylhydrazone, 195.  
**C<sub>23</sub>H<sub>16</sub>O<sub>5</sub>Br<sub>3</sub>** 4-Bromo-1-methoxy-2-naphthyl  $\alpha$ -bromo- $\beta$ -ethoxy- $\beta$ -(6-bromo-3:4-methylenedioxyphenyl)-ethyl ketone, 97.  
**C<sub>23</sub>H<sub>20</sub>O<sub>2</sub>Cl<sub>2</sub>** *p*-Tolyl  $\alpha$ - $\beta$ -dichloro- $\beta$ -*p*-benzyloxyphenylethyl ketone, 1004.  
**C<sub>23</sub>H<sub>20</sub>O<sub>2</sub>Br<sub>2</sub>** *p*-Tolyl  $\alpha$ - $\beta$ -dibromo- $\beta$ -*p*-benzyloxyphenylethyl ketone, 1004.  
**C<sub>23</sub>H<sub>20</sub>O<sub>3</sub>N<sub>2</sub>** Diphenyl triketone  $\beta$ -*p*-dimethylaminoanil oxide, 1429.  
**C<sub>23</sub>H<sub>20</sub>O<sub>4</sub>N<sub>4</sub>** *trans*-2:3-Diphenylcyclopentanone 2:4-dinitrophenylhydrazone, 571.  
 3:4-Diphenylcyclopentanone 2:4-dinitrophenylhydrazones, 569.  
**C<sub>23</sub>H<sub>21</sub>ON**  $\gamma$  $\delta$ -Diphenyl- $\Delta^{\alpha}$ -pentenoanilide, 1415.  
**C<sub>23</sub>H<sub>21</sub>O<sub>3</sub>Br** *p*-Tolyl  $\alpha$ -bromo- $\beta$ -hydroxy- $\beta$ -*p*-benzyloxyphenylethyl ketone, 1005.  
**C<sub>23</sub>H<sub>21</sub>O<sub>2</sub>Br** *o*-Hydroxyphenyl  $\alpha$ -bromo- $\beta$ -methoxy- $\beta$ -*p*-benzyloxyphenylethyl ketone, 1004.  
**C<sub>23</sub>H<sub>23</sub>ON**  $\gamma$  $\delta$ -Diphenyl-*n*-valerianilide, 1415.  
**C<sub>23</sub>H<sub>23</sub>N<sub>2</sub>I** 1:1'-Diethyl-2:4'-cyanine iodide, 1012.  
**C<sub>23</sub>H<sub>24</sub>O<sub>6</sub>S<sub>2</sub>** Di-(5-ethoxy-3-carboxy-2-methyl-4-thienyl)phenylmethane, 1117.  
**C<sub>23</sub>H<sub>26</sub>O<sub>2</sub>Br<sub>2</sub>** 7:7'-Dibromo-6:6'-dihydroxyhexamethylbis-1:1'-*spiro*hydrindene, 1423.  
**C<sub>23</sub>H<sub>27</sub>O<sub>2</sub>N** Linalool xenyurethane, 1500.  
**C<sub>23</sub>H<sub>27</sub>O<sub>2</sub>N<sub>4</sub>** 3-Acetamido-5- $\beta$ -piperidinoethylamino-7-methoxyacridine, 478.

- $C_{23}H_{26}O_6N$  *N*-Benzoyl trimethyl benzylglucosaminides, 278.  
 $C_{23}H_{32}ON_2$  4-Benzamidodisoamylaniline, 1384.

## 23 IV

- $C_{23}H_{21}N_2IS_2$  2:2'-Diethyl-5:6-benzthiacyanine iodide, 149.  
 $C_{23}H_{23}O_4NS_2$  1-Piperidino-2:4-diphenylsulphonylbenzene, 906.  
 $C_{23}H_{41}O_8NS$  *O*-Methylartabotrine methosulphate, 995.  
 $C_{23}H_{33}O_4N_2I$  Mitragynine methiodide, 988.

## 23 V

- $C_{23}H_{21}ON_2IS$  2:2'-Diethyl-5:6-benzoxathiacyanine iodide, 149.

C<sub>24</sub> Group.

- $C_{24}H_{14}O_4$  9:10-Dihydroxy-1-phenylnaphthacene-11:12-quinone, 401.  
 $C_{24}H_{16}O_3$  2-(3'-Methoxy-2'-naphthyl)-7:8-benzochromone, 1681.  
 Methoxynaphthylbenzochromones, 1683.  
 $C_{24}H_{18}O_3$  3-Methoxydi-2-naphthoylethane, 1682.  
 $C_{24}H_{18}O_4$  1-Hydroxy-3'-methoxy-2:2'-dinaphthoylethane, 1681.  
 1-3'-Methoxy-2'-naphthoylethoxy-2-acetonaphthone, 1680.  
 $C_{24}H_{18}N_4$  Bisbenzeneazodiphenyls, 1315.  
 $C_{24}H_{20}O_2$  Methyl  $\beta$ -phenyl- $\beta$ -anthronylethyl ketone, 948.  
 $C_{24}H_{20}O_4$  *o*-Acetoxyphenyl *p*-benzyloxyethyl ketone, 1004.  
 9:10-Di(acetoxyethyl)-1:2-benzanthracene, 806.  
 $C_{24}H_{23}N$  *N*-(1:2-Benzanthranlyl-10-methyl)piperidine, and its hydrochloride, 805.  
 $C_{24}H_{24}O_8$  6:7-Methylenedioxy-1-(3':4'-methylenedioxyphenyl)-1:2:3:4-tetrahydronaphthalene-2:3-dicarboxylic acid, 1240.  
*l*-Tetrahydroelliptone diacetate, 1103.  
 $C_{24}H_{28}O_8$  Ethyl hydrogen 6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)-1:2:3:4-tetrahydronaphthalene-2:3-dicarboxylate, 1239.  
 Methyl 6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)-1:2:3:4-tetrahydronaphthalene-2:3-dicarboxylate, 1239.  
 $C_{24}H_{30}O_8$   $\alpha\delta$ -Bis-(3:4-dimethoxyphenyl)- $\beta\gamma$ -di(formoxymethyl)butane, 1240.  
 Methyl bis-(3:4-dimethoxybenzyl)succinates, 1240.  
 $C_{24}H_{28}As_2$  Ethylene- $\alpha\beta$ -bis(phenylmethyl-*n*-butylarsine), picrates of, 613.  
 $C_{24}H_{46}N_4$  Decanebis(*N*-cyclohexylcarbonamide), and its dihydrochloride, 1256.

## 24 III

- $C_{24}H_{16}O_2N_2$  3- $\beta$ -Naphthylamino-*N*-phenylphthalimide, 137.  
 $C_{24}H_{18}O_4N_4$  Phenyl 7-methyl-1-naphthyl ketone 2:4-dinitrophenylhydrazone, 947.  
 $C_{24}H_{18}O_3S_3$  2:4-Diphenylsulphonyldiphenyl sulphide, 906.  
 $C_{24}H_{18}O_3S_3$  1:2:4-Triphenylsulphonylbenzene, 906.  
 $C_{24}H_{18}NCl$  1:2-Benzanthranlyl-10-methylpyridinium chloride, 805.  
 $C_{24}H_{19}O_4N$  Ethyl 1:9-phenylenecarbazole-3:6-dicarboxylate, 1955.  
 $C_{24}H_{20}O_4N_4$  3-Ketohexahydrochryseno 2:4-dinitrophenylhydrazone, 1741.  
 $C_{24}H_{20}O_4Br_2$  *o*-Acetoxyphenyl  $\alpha\beta$ -dibromo- $\beta$ -*p*-benzyloxyphenylethyl ketone, 1004.  
 $C_{24}H_{20}O_6N_2$  Ethyl 9-(2'-nitrophenyl)carbazole-3:6-dicarboxylate, 1955.  
 $C_{24}H_{21}O_4As$  Triphenylarsine phenoxyhydroxide, 869.  
 $C_{24}H_{21}O_4N$  Ethyl 9-phenylcarbazole-3:6-dicarboxylate, 1955.  
 $C_{24}H_{22}O_4N_2$  Ethyl 9-(2'-aminophenyl)carbazole-3:6-dicarboxylate, 1955.  
 $C_{24}H_{23}O_3Cl$  *p*-Tolyl  $\alpha$ -chloro- $\beta$ -methoxy- $\beta$ -*p*-benzyloxyphenylethyl ketone, 1004.  
 $C_{24}H_{23}O_3Br$  *p*-Tolyl  $\alpha$ -bromo- $\beta$ -methoxy- $\beta$ -*p*-benzyloxyphenylethyl ketone, 1004.  
 $C_{24}H_{23}O_4Br$  *o*-Hydroxyphenyl  $\alpha$ -bromo- $\beta$ -ethoxy- $\beta$ -*p*-benzyloxyphenylethyl ketone, 1005.  
 $C_{24}H_{24}O_8N_2$  Bornyl 4:4'-dinitrodiphenate, 1543.  
 $C_{24}H_{26}O_2N_2$  1-Carboxy-4-methylcyclohexane-1-succinyl-anilide, 85.  
 $C_{24}H_{26}O_8N_2$  Menthyl 4:4'-dinitrodiphenate, 1541.  
 $C_{24}H_{26}O_8S_2$  Di-(5-ethoxy-3-carboxy-2-methyl-4-thienyl)-4'-hydroxy-3'-methoxyphenylmethane, 1117.  
 $C_{24}H_{26}O_4N_2$  1-Carboxy-4-methylcyclohexane-1-succinyl-anilic acid, 85.

## 24 IV

- $C_{24}H_{13}O_4NS$  Nitronaphthyl anthraquinonyl sulphides, 1096.  
 $C_{24}H_{28}O_4N_2Cu$  Cupric acetoacetylthylamide, 488.  
 $C_{24}H_{30}O_3N_2As$  1-4'-Arsonobenzeneazo-2-octylaminonaphthalene, 3.  
 $C_{24}H_{42}O_4NAs$  *N*-Stearylarsanilic acid, 3.

C<sub>25</sub> Group.

- $C_{25}H_{20}$  Diphenyl-3-acenaphthylmethane, 309.

## 25 II

- $C_{25}H_{16}O_4$  2-(3'-Acetoxy-2'-naphthyl)-7:8-benzochromone, 1681.  
 Acetoxynaphthylbenzochromones, 1683.  
 $C_{25}H_{18}N_2$  2-Phenylfluorenone phenylhydrazone, 395.

- C<sub>25</sub>H<sub>19</sub>Cl** Diphenyl-3-acenaphthylmethyl chloride, 309.  
**C<sub>25</sub>H<sub>19</sub>Br** Diphenyl-3-acenaphthylmethyl bromide, 309.  
**C<sub>25</sub>H<sub>20</sub>O** Diphenyl-3-acenaphthylcarbinol, 308.  
**C<sub>25</sub>H<sub>20</sub>O<sub>4</sub>** 2:3'-Dimethoxy-1:2'-dinaphthoymethane, 1682.  
 Di-(1-methoxy-2-naphthoyl)methane, 1682.  
**C<sub>25</sub>H<sub>24</sub>O<sub>12</sub>** Acetylvitexin, 1636.  
**C<sub>25</sub>H<sub>26</sub>O<sub>5</sub>** 5-Trityl methyl-*l*-arabofuranoside, 754.  
**C<sub>25</sub>H<sub>30</sub>O<sub>4</sub>** Hexamethoxytetramethylbis-1:1'-*spiro*hydrindene, 199.  
**C<sub>25</sub>H<sub>32</sub>O<sub>2</sub>** 6:6'-Dimethoxyhexamethylbis-1:1'-*spiro*hydrindene, 1423.  
**C<sub>25</sub>H<sub>32</sub>O<sub>6</sub>** 6:7:6':7'-Tetramethoxy-4:4:4':4'-tetramethylbis-2:2'-*spiro*chroman, 198.  
**C<sub>25</sub>H<sub>40</sub>O<sub>3</sub>** *trans-p*-Cetyloxycinnamic acid, 425.

## 25 III

- C<sub>25</sub>H<sub>20</sub>O<sub>4</sub>N<sub>4</sub>** Phenyl 7-ethyl-1-naphthyl ketone 2:4-dinitrophenylhydrazone, 948.  
**C<sub>25</sub>H<sub>22</sub>O<sub>5</sub>N<sub>4</sub>** 3-Keto-10-methoxyhexahydrochryseno 2:4-dinitrophenylhydrazone, 1742.  
**C<sub>25</sub>H<sub>22</sub>O<sub>5</sub>N<sub>4</sub>** 4:7-Dimethoxy-3'-keto-9:10-dihydro-1:2-*cyclopentenophenanthrene* 2:4-dinitrophenylhydrazone, 1403.  
**C<sub>25</sub>H<sub>23</sub>O<sub>5</sub>N** 4-*p*-Nitrobenzoyloxy-7-methoxy-1:2:3:4-tetrahydro-1:2-*cyclopentenophenanthrene*, 1401.  
**C<sub>25</sub>H<sub>24</sub>O<sub>5</sub>N<sub>4</sub>** Ethyl 5-benzyloxy-3-methoxy-2-formylphenoxyacetate 2:4-dinitrophenylhydrazone, 931.  
**C<sub>25</sub>H<sub>25</sub>O<sub>5</sub>Cl** *p*-Tolyl  $\alpha$ -chloro- $\beta$ -ethoxy- $\beta$ -*p*-benzyloxyphenylethyl ketone, 1004.  
**C<sub>25</sub>H<sub>25</sub>O<sub>5</sub>Br** *p*-Tolyl  $\alpha$ -bromo- $\beta$ -ethoxy- $\beta$ -*p*-benzyloxyphenylethyl ketone, 1004.  
**C<sub>25</sub>H<sub>28</sub>O<sub>5</sub>S<sub>2</sub>** Di-(5-*n*-propoxy-3-carboxy-2-methyl-4-thienyl)phenylmethane, 1117.  
**C<sub>25</sub>H<sub>39</sub>O<sub>4</sub>N<sub>3</sub>** 11:12-Diketocholanic acid semicarbazone, 540.

## 25 IV

- C<sub>25</sub>H<sub>27</sub>O<sub>4</sub>NS<sub>2</sub>** 1-Piperidino-2:4-di-*p*-tolylsulphonylbenzene, 906.

C<sub>26</sub> Group.

- C<sub>26</sub>H<sub>18</sub>** 1:4-Diphenylanthracene, 397.

## 26 II

- C<sub>26</sub>H<sub>16</sub>O<sub>2</sub>** 1-Benzoyl-2-phenylfluorenone, 395.  
 1:4-Diphenylanthraquinone, 397.  
 1:5-Diphenylanthraquinone, 396.  
**C<sub>26</sub>H<sub>18</sub>O<sub>3</sub>** 2-Benzoyl-3:6-diphenylbenzoic acid, 394.  
**C<sub>26</sub>H<sub>20</sub>O** 9-Hydroxy-1:4-diphenyl-9:10-dihydroanthracene, 397.  
**C<sub>26</sub>H<sub>20</sub>S** Tetraphenylethylene sulphide, 1074.  
**C<sub>26</sub>H<sub>22</sub>O** Phenyl-*p*-anisylidiphenylmethane, 306.  
**C<sub>26</sub>H<sub>22</sub>O<sub>2</sub>** Phenyl-*p*-anisylidiphenylcarbinol, 305.  
**C<sub>26</sub>H<sub>24</sub>O<sub>2</sub>** 1:5-Diphenyloctahydroanthraquinone, 396.  
**C<sub>26</sub>H<sub>24</sub>O<sub>4</sub>** Ethyl (1:2-benzanthranyl-10-methyl)malonate, 805.  
**C<sub>26</sub>H<sub>24</sub>As<sub>2</sub>** Ethylene- $\alpha\beta$ -bis(diphenylarsine), 613.  
**C<sub>26</sub>H<sub>26</sub>O<sub>3</sub>** *p*-Phenylphenacyl 1- $\gamma$ -*p*-tolyl-*n*-valerate, 1507.  
**C<sub>26</sub>H<sub>26</sub>O<sub>6</sub>** 6-Trityl  $\alpha$ -methylgalactopyranoside, 1735.  
**C<sub>26</sub>H<sub>30</sub>N<sub>4</sub>** 3:3'-Diallylaminobenzylideneazaine, 1094.  
**C<sub>26</sub>H<sub>32</sub>O<sub>6</sub>** Ethyl 6:7-dimethoxy-(3':4'-dimethoxyphenyl)-1:2:3:4-tetrahydronaphthalene-2:3-dicarboxylate, 1239.  
**C<sub>26</sub>H<sub>34</sub>O<sub>8</sub>** Ethyl bis-(3:4-dimethoxybenzyl)succinates, 1240.

## 26 III

- C<sub>26</sub>H<sub>12</sub>O<sub>2</sub>Br<sub>4</sub>** Tetrabromo-1:4-diphenylanthraquinone, 397.  
**C<sub>26</sub>H<sub>14</sub>O<sub>2</sub>Br<sub>2</sub>** Dibromo-1:4-diphenylanthraquinone, 397.  
**C<sub>26</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** Dinitro-1:4-diphenylanthraquinone, 397.  
**C<sub>26</sub>H<sub>17</sub>O<sub>3</sub>Br** 2-*p*-Bromobenzoyl-3:6-diphenylbenzoic acid, 395.  
**C<sub>26</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** 2-Phenylfluorenone-1-carboxylic acid phenylhydrazone, 395.  
**C<sub>26</sub>H<sub>19</sub>O<sub>2</sub>N<sub>2</sub>** 3:6-Dianilinophthalanil, 137.  
**C<sub>26</sub>H<sub>21</sub>OCl** Phenyl-*p*-anisylidiphenylmethyl chloride, 306.  
**C<sub>26</sub>H<sub>21</sub>O<sub>2</sub>Br** Ethyl 4-(1'-hydroxy-2'-naphthyl)-6-(6''-bromo-3'''-4'''-methylenedioxyphenyl)- $\Delta^2$ -*cyclohexen*-2-one-1-carboxylate, 97.  
**C<sub>26</sub>H<sub>26</sub>O<sub>2</sub>N<sub>2</sub>** Phenylazo-5:7-dihydroxy- $\beta$ -phenylpropionyl-2:2-dimethylchromans, 1592.  
**C<sub>26</sub>H<sub>26</sub>N<sub>3</sub>Cl** 4-Phenylamino-2-*p*-dimethylaminostyrylquinoline methochloride, 491.  
**C<sub>26</sub>H<sub>26</sub>N<sub>3</sub>I** 4-Phenylamino-2-*p*-dimethylaminostyrylquinoline methiodide, 491.  
**C<sub>26</sub>H<sub>28</sub>O<sub>1</sub>N<sub>4</sub>** Hexamethoxybenzoic 2:4-dinitrophenylhydrazone, 91.  
**C<sub>26</sub>H<sub>29</sub>O<sub>3</sub>N** *N*-Benzoyl triacetyl  $\beta$ -benzylglucosaminide, 278.  
**C<sub>26</sub>H<sub>30</sub>O<sub>3</sub>N<sub>2</sub>** 1-Carboxymethylcyclohexanesuccin-*p*-methylanyl-*p*-toluidide, 85.  
**C<sub>26</sub>H<sub>32</sub>O<sub>2</sub>N<sub>2</sub>** *dl-p*-Phenylenebisiminocamphor, resolution of, 1569.  
**C<sub>26</sub>H<sub>32</sub>O<sub>2</sub>N<sub>2</sub>** 1-Carboxy-2-methylcyclohexane-1-succindi-*p*-toluidide, 86.  
**C<sub>26</sub>H<sub>40</sub>O<sub>2</sub>N<sub>2</sub>** 8-Palmitamido-6-methoxyquinoline, 4.

## 26 IV

- C<sub>26</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>S** 6-Benzenesulphonyl-2:3-diphenylquinoxaline, 905.  
**C<sub>26</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>S<sub>4</sub>** 2:2'-Bisbenzenesulphonylcarbonyldiphenyl disulphide, 762.  
**C<sub>26</sub>H<sub>24</sub>Cl<sub>2</sub>As<sub>2</sub>Pd** Ethylene- $\alpha\beta$ -bis(diphenylarsine)dichloropalladium, 1632.

- $C_{26}H_{31}O_2N_3S$  Dihydrioniquidine phenylthiocarbamide, 245.  
 $C_{26}H_{36}O_8N_8Pd$  *iso*Butylenediaminomesostilbenediaminopalladous diacetyltartrates, 1757.

## 26 V

- $C_{26}H_{18}O_6N_2Cl_2S_4$  4:4'-Dichloro-2:2'-bisbenzenesulphonylcarbamyldiphenyl disulphide, 762.

C<sub>27</sub> Group.

- $C_{27}H_{16}O_3$  *s*-Tris-5-methyl-2:3-coumaronobenzene, 280.  
 $C_{27}H_{20}O_4$  2-*p*-Methoxybenzoyl-3:6-diphenylbenzoic acid, 394.  
 $C_{27}H_{20}O_3$  Benzhydryl carbonate, 313.  
 $C_{27}H_{26}O_4$  7-Hydroxy-5-benzyloxy-8- $\beta$ -phenylpropionyl-2:2-dimethylchroman, 1260.  
 $C_{27}H_{26}O_9$  Dehydrotetrahydrosumatrol, 1604.  
 $C_{27}H_{30}O_5$  5-Trityl 2:3-dimethyl methyl-*l*-arabofuranoside, 754.  
 $C_{27}H_{32}O_8$  Tetrahydroxy-8:8'-diacetyl-2:2:2':2'-tetramethyl-6:6'-dichromanylmethane, 1586.  
 $C_{27}H_{32}O_8$  5:7:5':7'-Tetrahydroxy-6:6'-diacetyl-2:2:2':2'-tetramethyl-8:8'-dichromanylmethane, 1593.  
 $C_{27}H_{34}O_2$  Ferruginyl benzoate, 1034.  
 $C_{27}H_{46}O_4$  5-Methylnorcholestane-3:6:11-trione-8:9-oxide, 1002.  
 $C_{27}H_{46}O_9$  Sarcostin triacetate, 741.  
 $C_{27}H_{48}O_3$  Cholestane-3:6-dione 2:5-oxide, 1082.  
 $C_{27}H_{48}O_3$  5-Methylnorcholestane-3:6-dione-8:9-oxide, 1001.  
 Smilagenone, m. p. of, 1201.  
 $C_{27}H_{44}O_2$  Cholestane-3:6-dione, 1082.  
 $\Delta^4$ -Cholesten-6-ol-3-one, 1081.  
 5-Methyl- $\Delta^{8(14):9(11)}$ -norcholestadiene-3:6-diols, 1003.  
 $C_{27}H_{44}O_3$  Cholestan-6-ol-3-one 2:5-oxide, 1082.  
 Nitogenin, 801.  
 $C_{27}H_{44}O_4$  Methyl 3-acetoxycholanate, 541.  
 5-Methylnorcholestane-3:6-diol-11-one-8:9-oxide, 1002.  
 $C_{27}H_{46}O_3$  5-Methyl- $\Delta^{8:9}$ -norcholestene-3:6:11-triol, 1002.

## 27 III

- $C_{27}H_{24}O_6S_3$  2:4-Di-*p*-tolylsulphonyl-4'-methylidiphenyl sulphide, 906.  
 $C_{27}H_{24}O_6S_3$  1:2:4-Tri-*p*-tolylsulphonylbenzene, 906.  
 $C_{27}H_{33}O_4N_5$  *m*-Dibenzylaminobenzaldehyde 2:4-dinitrophenylhydrazone, 1094.

## 27 IV

- $C_{27}H_{28}ON_2I$  *p*-Acetamidophenylamino-2-*p*-dimethylaminoanilomethylquinoline methiodide, 492.

C<sub>28</sub> Group.

- $C_{28}H_{18}$  9-Phenyl-1:2:3:4-dibenzanthracene, 493.

## 28 II

- $C_{28}H_{16}O_4$  13:14-Dihydroxy-9-phenylpentacene-11:12-quinone, 401.  
 $C_{28}H_{18}N_2$  2:3-Di- $\beta$ -naphthylquinoxaline, 200.  
 $C_{28}H_{22}O_4$  Methyl 2-*p*-methoxybenzoyl-3:6-diphenylbenzoate, 394.  
 $C_{28}H_{26}O_6$  2:3-Dibenzoyl 4:6-benzylidene  $\beta$ -methylgalactoside, 1249.  
 $C_{28}H_{26}O_3$  2:3:6-Tribenzoyl  $\beta$ -methylgalactoside, 1249.

## 28 III

- $C_{28}H_{18}O_2N_2$  3- $\beta$ -Naphthylamino-*N*- $\beta$ -naphthylphthalimide, 137.  
 $C_{28}H_{19}O_6N_3$  3:6-Di-(2'-carboxyanilino)phthalanil, 138.  
 $C_{28}H_{33}O_3N$  *l*- $\beta$ -Curcumenal *p*-xeny lurethane, 1509.  
 $C_{28}H_{19}O_2N_4$  4-Nitro-*N*-cetyldiazoaminobenzene, 1386.  
 $4'$ -Nitro-4-di-*n*-octylaminoazobenzene, 1385.

## 28 IV

- $C_{28}H_{22}O_2N_4Ni$  Benzil hydrazone nickel complex, 260.  
 $C_{28}H_{21}O_4N_2S_2$  2:2'-Dimethyl-3:4-benzoxathiacyanine *p*-toluenesulphonate, 150.  
 $C_{28}H_{24}O_8N_2S_4$  2:2'-Bis-*p*-toluenesulphonylcarbamyldiphenyl disulphide, 761.  
 $C_{28}H_{29}ON_4Cl$  4-*p*-Acetamidophenylamino-2-*p*-dimethylaminostyrylquinoline methochloride, 492.  
 $C_{28}H_{29}ON_4I$  4-*p*-Acetamidophenylamino-2-*p*-dimethylaminostyrylquinoline methiodide, 491.  
 $C_{28}H_{19}O_2N_2As$  4-Cetylaminoazobenzene-4'-arsonic acid, 3.  
 $C_{28}H_{41}Cl_4As_2Pd$  Bis(phenyl-di-*n*-butylarsine)dichloropalladium, 1631.  
 $C_{28}H_{41}Cl_4As_2Pd_2$  Dichlorobis(phenyl-di-*n*-butylarsine)- $\mu$ -dichlorodipalladium, 1631.

C<sub>29</sub> Group.

- $C_{29}H_{36}O_8$  Hexahydroxytetramethylbis-1:1'-*spiro*hydrindene, 199.  
 $C_{29}H_{36}O_{10}$  6:7:6':7'-Tetra-acetoxy-4:4:4':4'-tetramethylbis-2:2'-*spiro*chroman, 198.  
 $C_{29}H_{34}O_6$  6-Trityl 2:3:4-trimethyl  $\alpha$ -methylgalactoside, 1736.  
 $C_{29}H_{46}O_3$  6-Acetoxy- $\Delta^4$ -cholesten-3-one, 1081.

- $C_{29}H_{46}O_4$  6-Acetoxycholestan-3-one 2:5-oxide, 1082.  
Nitogenin acetate, 801.  
 $C_{29}H_{48}O_4$  3-Acetoxycholestan-5-ol-6-one, 1083.  
6-Acetoxycholestan-5-ol-3-one, 1081.  
 $C_{29}H_{50}O_4$  6-Acetoxycholestan-3:5-diol, 1081.

## 29 III

- $C_{29}H_{25}O_2N_3$  3:6-Di-*p*-toluidino-*N-p*-tolylphthalimide, 138.  
 $C_{29}H_{25}O_2N_3$  3:6-Di-*p*-anisidino-*N-p*-anisylphthalimide, 138.  
 $C_{29}H_{25}N_3S_2$  3:6-Di-*p*-toluidino-*N-p*-tolylidithiophthalimide, 139.  
 $C_{29}H_{30}O_{10}Br_2$  8:8'(or 5:5')-Dibromo-6:7:6':7'-tetra-acetoxy-4:4':4'-tetramethylbis-2:2'-*spiro*chroman, 198.  
 $C_{29}H_{46}O_4Br_2$  2:2-Dibromo-6-acetoxycholestan-5-ol-3-one, 1083.  
 $C_{29}H_{47}O_4Br$  2-Bromo-6-acetoxycholestan-5-ol-3-one, 1082.

## 29 IV

- $C_{29}H_{25}ON_2I$  2:1'-Diethyl-5:6:5':6'-dibenzoxa-2'-cyanine iodide, 150.

C<sub>30</sub> Group

- $C_{30}H_{26}$  9:10-Diphenyl-2:3:6:7-tetramethylanthracene, 348.

## 30 II

- $C_{30}H_{18}O_4$  9:10-Dihydroxy-1:4-diphenylnaphthacene-11:12-quinone, 401.  
 $C_{30}H_{18}O_8$  2:5-Di-(1'-hydroxy-2'-naphthoyl)terephthalic acid, 400.  
 $C_{30}H_{20}O_3$  2- $\alpha$ -Naphthoyl-3:6-diphenylbenzoic acid, 394.  
 $C_{30}H_{20}O_4$  2-(1'-Hydroxy-2'-naphthoyl)-3:6-diphenylbenzoic acid, 400.  
 $C_{30}H_{28}O_8$  Rottlerin, 1579, 1587.  
 $C_{30}H_{28}O_{14}$  7-*O*-Tetra-acetyl- $\beta$ -glucosidoxy-6-benzoyloxy coumarin, 1267.  
 $C_{30}H_{28}S$  Tetra-*p*-tolylethylene sulphide, 1074.  
 $C_{30}H_{32}O_8$  Tetrahydroallorottlerin, 1587.  
 $C_{30}H_{46}O_5$  Bassiac acid, 1124.  
Quillaic acid, 1132.  
Quillaic lactone, 1133.  
Quinovic acid, 1760.  
 $C_{30}H_{46}O_2$  *iso*- $\alpha$ -Amyrenol, 1078.  
*iso*- $\beta$ -Amyrenol, 1047.  
 $C_{30}H_{46}O_3$  Betulic acid, and its sodium salt, 1270.  
 $C_{30}H_{46}O_5$  Dihydroquillaic acid, 1134.  
 $C_{30}H_{52}O_2$  Dihydroxy- $\alpha$ -amyrane, 1077.  
Dihydroxy- $\beta$ -amyrane, 1047.

## 30 III

- $C_{30}H_{28}ON_2$  2:2:5:5-Tetra-*p*-tolyl-2:5-dihydro-1:3:4-oxadiazole, 1075.  
 $C_{30}H_{28}O_5N_2$  2:2:5:5-Tetra-anisyl-2:5-dihydro-1:3:4-oxadiazole, 1075.  
 $C_{30}H_{44}OS$  Substance, from  $\beta$ -amyrin, oxidation of, 755.  
 $C_{30}H_{51}OCl$  Lupeol hydrochloride, 324.

## 30 IV

- $C_{30}H_{25}O_2N_2S$  *pp'*-Bis-(2-quinolylamino)diphenylsulphone, 1202.  
 $C_{30}H_{38}O_{12}NCl$  Nudicaulin chloride, 1465.

C<sub>31</sub> Group.

- $C_{31}H_{22}$  Triphenyl-1-naphthylallene, 433.

## 31 II

- $C_{31}H_{25}O_4$  2-(6'-Methoxy- $\beta$ -naphthoyl)-3:6-diphenylbenzoic acid, 394.  
 $C_{31}H_{25}O_5$  2-(1'-Hydroxy-5'-methoxy-2'-naphthoyl)-3:6-diphenylbenzoic acid, 400.  
 $C_{31}H_{26}O$   $\alpha\gamma$ -Triphenyl- $\gamma$ -1-naphthylallyl alcohol, 433.  
 $\alpha\gamma$ -Triphenyl- $\alpha$ -1-naphthylallyl alcohol, 434.  
 $C_{31}H_{48}O_4$  Betulic lactone formate, 1272.  
3:6-Diacetoxy-5-methylnorcholestadienes, 1003.  
 $C_{31}H_{48}O_5$  Methyl bassate, 1127.  
Methyl quillate, 1132.  
 $C_{31}H_{48}O_8$  3:6-Diacetoxy-5-methylnorcholestan-11-one-8:9-oxide, 1002.  
 $C_{31}H_{50}O_5$  3:6-Diacetoxy-5-methylnorcholestan-8:9-oxide, 1001.  
3:6-Diacetoxy-5-methyl-*D*<sup>8:9</sup>-norcholesten-11-ol, 1002.  
Methyl dihydrobassate, 1127.  
Methyl dihydroquillate, 1134.  
 $C_{31}H_{52}O_3$  Methyl dihydrobetulate, 1271.

## 31 III

- $C_{31}H_{19}OD_5$   $\alpha\gamma$ -Diphenyl- $\alpha$ -pentadeuterophenyl- $\gamma$ -1-naphthylallyl alcohol, 434.  
 $\alpha\gamma$ -Diphenyl-*p*-pentadeuterophenyl- $\alpha$ -1-naphthylallyl alcohol, 434.

- $C_{31}H_{39}ON_3$  Vitamin-A ketone *p*-tolylsemicarbazone, 132.  
 $C_{31}H_{45}O_5Br_2$  Methyl dibromobassate, 1127.

## 31 IV

- $C_{31}H_{28}O_2N_4Ni$  Benzil acetone azine nickel complex, 262.

 $C_{32}$  Group.

- $C_{32}H_{24}$   $\alpha\gamma$ -Diphenyl- $\gamma$ -*p*-tolyl- $\alpha$ -1-naphthylallene, 435.

## 32 II

- $C_{32}H_{22}O_5$  2-(1'-Acetoxy-2'-naphthoyl)-3:6-diphenylbenzoic acid, 400.  
 $C_{32}H_{22}N_4$  1'-Ketoindeno(2':3':1:2)fluorenone bisphenylhydrazone, 396.  
 $C_{32}H_{24}O_2$  9:10-Dihydroxy-1:9:10-triphenyl-9:10-dihydroanthracene, 396.  
 $C_{32}H_{24}O_4$  Methyl 2-(1'-methoxy-2-naphthoyl)-3:6-diphenylbenzoate, 400.  
 Methyl 2-(6'-methoxy- $\beta$ -naphthoyl)-3:6-diphenylbenzoate, 394.  
 $C_{32}H_{26}O$   $\alpha\gamma$ -Diphenyl- $\alpha$ -*p*-tolyl- $\gamma$ -1-naphthylallyl alcohol, 434.  
 $\alpha\gamma$ -Diphenyl- $\gamma$ -*p*-tolyl- $\alpha$ -1-naphthylallyl alcohol, 435.  
 $C_{32}H_{46}O_6$  *O*-Acetylquinovic acid, 1760.  
 $C_{32}H_{50}O_2$   $\alpha$ -Amyradienyl acetate, 1305.  
 $C_{32}H_{50}O_3$  *iso*- $\alpha$ -Amyrenonyl acetate, 1078.  
*iso*- $\beta$ -Amyrenonyl acetate, 1047.  
 $C_{32}H_{50}O_4$  Betulic lactone acetate, 1272.  
 $C_{32}H_{50}O_5$  Methyl quinovate, 1760.  
 $C_{32}H_{52}O_2$  *iso*Lupenyl acetate, 324.  
 $C_{32}H_{52}O_3$  Ethyl betulate, 1271.  
 $C_{32}H_{54}O_3$  Ethyl dihydrobetulate, 1272.  
 $C_{32}H_{56}O_3$   $\alpha$ -Amyradienol, 1305.

## 32 III

- $C_{32}H_{48}O_4Br_2$  *O*-Acetyldibromobetulic lactone, 1273.  
 $C_{32}H_{48}O_4Br$  *O*-Acetylbromobetulic lactone, 1272.

 $C_{33}$  Group.

- $C_{33}H_{19}N_7$  Tetrabenztriazoporphen, and its metallic salts, 1809.  
 $C_{33}H_{24}O_5$  Dipiperonylidene-3:4-diphenylcyclopentanones, 569.  
 $C_{33}H_{38}O_8$  Tetrahydrorottlerin trimethyl ether, 1584.  
 $C_{33}H_{52}O_5$  Methyl *O*-acetylbetulate oxide, 1272.

## 33 III

- $C_{33}H_{18}NCl$  Chlorotetrabenztriazoporphen, copper salt, 1819.  
 $C_{33}H_{50}ON_2$  *N*-Nitroso-*N*-cholesterylaniline, 4.

 $C_{34}$  Group.

- $C_{34}H_{38}O_8$  *O*-Tetramethyldihydroisrottlerin, 1592.  
 $C_{34}H_{48}O_4$  Nitogenin benzoate, 801.  
 $C_{34}H_{50}O_3$  Cholesteryl benzoate oxides, 1357.  
 $C_{34}H_{52}O_4$  5:6-Dihydroxy-3-benzoyloxycholestane, 1358.  
 $C_{34}H_{52}O_5$  Methyl *O*-acetylquinovate, 1761.  
 $C_{34}H_{54}O_5$  Methyl quillate, acetonyl derivative, 1134.  
 $C_{34}H_{56}O_4$  Diacetoxy- $\alpha$ -amyrane, 1077.  
 Diacetoxy- $\beta$ -amyrane, 1047.  
 Ethyl *O*-acetyldihydrobetulate, 1271.

## 34 III

- $C_{34}H_{40}O_8N_2$  Dibornyl 4:4'-dinitrodiphenate, 1542.  
 $C_{34}H_{44}O_8N_2$  Dimenthyl 4:4'-dinitrodiphenate, 1541.  
 $C_{34}H_{47}ON_7$  Benzeneazostearoylaminonaphthalenes, 3.  
 $C_{34}H_{47}O_4Br$  Sarsasapogenin *o*-bromobenzoate, 1201.  
 Smilagenin *o*-bromobenzoate, 1201.  
 $C_{34}H_{49}O_2Cl$  6-Chloro-3-benzoyloxy- $\Delta^4$ -cholestene, 1359.  
 $C_{34}H_{51}O_3Cl$  Chlorohydroxy-3-benzoyloxycholestanes, 1358.

## 34 IV

- $C_{34}H_{20}O_6N_2Cu_2$  Cupric cupri-*p*-carboxybenzeneazo- $\beta$ -naphthol, 835.  
 $C_{34}H_{22}O_6N_4Cu$  Copper *p*-carboxybenzeneazo- $\beta$ -naphthol, 835.

 $C_{35}$  Group.

- $C_{35}H_{38}O_8$  *O*-Pentamethylallorottlerin, 1591.  
 $C_{35}H_{40}O_8$  *O*-Pentamethyldihydroallorottlerin, 1592.



$C_{35}H_{42}O_8$  *O*-Pentamethyltetrahydroallorotlerin, 1591.

$C_{35}H_{86}O_6$   $\alpha$ -Laurodidecain, 578.

$\beta$ -Laurodidecain, 105.

## 35 III

$C_{35}H_{31}O_5N$  Tetrabenzoyl  $\beta$ -methylglucosaminide, 277.

$C_{35}H_{32}O_{11}S$  4-*p*-Toluenesulphonyl 2:3:6-tribenzoyl  $\beta$ -methylgalactoside, 1249.

3:4:6-Tribenzoyl 2-*p*-toluenesulphonyl  $\beta$ -methylgalactoside, 1250.

$C_{35}H_{51}O_3N_2$  5-Methylnorcholestone-3:6-dione-8:9-oxide *o*-tolylsemicarbazone, 1001.

$C_{35}H_{52}O_5N_2$  Tocopherol *p*-nitrophenylurethane, 544.

 $C_{36}$  Group.

$C_{36}H_{22}O_4$   $\alpha\alpha$ -Di-(4''-hydroxy-1''-naphthyl)-3:4:2':1'-naphthaphthalide, 400.

$C_{36}H_{32}O_6$  Di-*p*-phenylphenacyl homocarbonate, 1500.

$C_{36}H_{42}N_4$  Decanebis-(*NN'*-diphenylcarbonamidine), 1256.

$C_{36}H_{54}O_8$  Triacetylbassic acid, 1128.

## 36 III

$C_{36}H_{36}O_8S$  2-*p*-Toluenesulphonyl 3:4-*isopropylidene* 6-trityl  $\beta$ -methylgalactose, 1249.

## 36 IV

$C_{36}H_{30}Cl_2P_2Pd$  Bis(triphenylphosphine)dichloropalladium, 1631.

$C_{36}H_{30}Cl_4P_2Pd_2$  Dichlorobis(triphenylphosphine)- $\mu$ -dichlorodipalladium, 1632.

 $C_{37}$  Group.

$C_{37}H_{24}$  10:10'-Di-(1:2-benzanthranyl)methane, 804.

## 37 II

$C_{37}H_{34}O_6$  *p*-Phenylphenacyl *cis*hexahydrohomophthalate, 175.

$C_{37}H_{44}O_8$  Benzoyl cinnamoylsarcostin, 741.

$C_{37}H_{55}O_2$   $\alpha$ -Amyradienyl benzoate, 1305.

$C_{37}H_{55}O_3$  *iso*- $\alpha$ -Amyrenonyl benzoate, 1077.

$C_{37}H_{54}O_3$   $\alpha$ -Amyranonyl benzoate, 1077.

$C_{37}H_{54}O_8$  Methyl triacetylbassate, 1128.

$C_{37}H_{74}O_6$   $\alpha$ -Myristodidecain, 1520.

$\beta$ -Myristodidecain, 1142.

## 37 III

$C_{37}H_{34}O_8N_2$  6:6'-Dibenzoyloxyhexamethylbis-1:1'-*spiro*hydrindene, 1423.

$C_{37}H_{36}O_6N_2$   $\alpha$ -Phenylallyl quinidine phthalates, 1699.

$C_{37}H_{51}O_6N$  Betulic acid *p*-nitrobenzoate, 1270.

 $C_{38}$  Group.

$C_{38}H_{26}$  Diphenylbisdiphenylene-ethane, preparation and properties of, 30.

9:10-Dixenylanthracene, 117.

1:4:9:10-Tetraphenylanthracene, 397.

$C_{38}H_{28}$  1:4:9:10-Tetraphenyl-9:10-dihydroanthracene, 494.

## 38 II

$3_{38}H_{14}O_2$  1:4:5:8-Tetraphenylanthraquinone, 396.

$C_{38}H_{26}O_2$  9:10-Dixenylanthracene photo-oxide, 118.

$C_{38}H_{28}O_2$  9:10-Dihydroxy-9:10-dixenyl-9:10-dihydroanthracene, 117.

9:10-Dihydroxy-1:4:9:10-tetraphenyl-9:10-dihydroanthracene, 397.

1-Hydroxybenzhydryl-2:9-diphenylfluorene, 395.

$C_{38}H_{30}O_2$  Tetraphenyldiphenoxyethane, preparation and properties of, 30.

$C_{38}H_{36}O_6$  *O*-Ethylbebeerilene, 1160.

## 38 III

$C_{38}H_{50}O_3N$  Methyl betulate *p*-nitrobenzoate, 1271.

$C_{38}H_{54}O_3N_2$  6-Methoxy-8-cholesterylcarbamidequinoline, 4.

$C_{38}H_{56}O_5S$  Methyl betulate *p*-toluenesulphonate, 1271.

$C_{38}H_{58}O_3N_2$  Stearoylquinine, and its hydrochloride, 3.

 $C_{39}$  Group.

$C_{39}H_{56}O_{17}$  Sarcostin glucoside hexa-acetate, 740.

$C_{39}H_{74}O_6$   $\alpha$ -Palmitodidecain, 1520.

$\beta$ -Palmitodidecain, 1142.

## 39 III

$C_{39}H_{50}O_3N_8$  Cholestane-3:6-dione bisdinitrophenylhydrazone, 1083.

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

- C<sub>40</sub>H<sub>30</sub>O<sub>6</sub>** Diphenylpiperonylmethyl peroxide, 304.  
**C<sub>40</sub>H<sub>32</sub>O<sub>2</sub>** 9:10-Dimethoxy-1:4:9:10-tetraphenyl-9:10-dihydroanthracene, 494.

**40 III**

- C<sub>40</sub>H<sub>41</sub>N<sub>1</sub>I<sub>2</sub>** 2:2'-Bis-*p*-dimethylaminostyryl-4:6'-diquinolylamine dimethiodide, 492.

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

- C<sub>41</sub>H<sub>4</sub>O<sub>2</sub>** Octahydrorottlerone, 1586.  
 Octahydroallorottlerone, 1593.  
**C<sub>41</sub>H<sub>78</sub>O<sub>8</sub>**  $\alpha$ -Decodimyrustin, 1520.  
 $\beta$ -Decodimyrustin, 1142.  
 $\alpha$ -Stearodidecoïn, 1520.  
 $\beta$ -Stearodidecoïn, 1142.

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

- C<sub>42</sub>H<sub>38</sub>O<sub>8</sub>** Dimethoxytriphenylmethyl peroxides, 37.  
**C<sub>42</sub>H<sub>38</sub>N<sub>4</sub>** 3:3'-Bisdibenzylaminobenzylideneazine, 1094.

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

- C<sub>44</sub>H<sub>57</sub>O<sub>2</sub>N<sub>3</sub>** Benzeneazocholesterylaminonaphthalenes, 3.  
**C<sub>44</sub>H<sub>74</sub>O<sub>2</sub>N<sub>4</sub>** 4'-Nitro-4-dicetylaminoozobenzene, 1385.

**C<sub>45</sub> Group.**

- C<sub>45</sub>H<sub>44</sub>O<sub>8</sub>** *O*-Tetramethylrottlerone, 1584.

**C<sub>48</sub> Group.**

- C<sub>48</sub>H<sub>68</sub>O<sub>4</sub>N<sub>2</sub>** Cholesterylquinine, and its hydrochloride, 12.

**C<sub>49</sub> Group.**

- C<sub>49</sub>H<sub>94</sub>O<sub>8</sub>**  $\alpha$ -Stearodimyrustin, 1520.  
 $\beta$ -Stearodimyrustin, 1142.

**C<sub>50</sub> Group.**

- C<sub>50</sub>H<sub>38</sub>O<sub>2</sub>** 9:10-Dihydroxyhexaphenyl-9:10-dihydroanthracene, 397.  
**C<sub>50</sub>H<sub>38</sub>O<sub>2</sub>** Diphenyl-3-acenaphthyl methyl peroxide, 309.

**C<sub>51</sub> Group.**

- C<sub>51</sub>H<sub>33</sub>O<sub>2</sub>N<sub>6</sub>Cr** Chromic *p*-carboxybenzeneazo- $\beta$ -naphthol, 834.

**C<sub>52</sub> Group.**

- C<sub>52</sub>H<sub>42</sub>O<sub>4</sub>** Phenyl-*p*-anisylidiphenylmethyl peroxide, 306.

**C<sub>60</sub> Group.**

- C<sub>60</sub>H<sub>90</sub>O<sub>4</sub>** Pyrocalciferol "pinacol" diacetate, 253.