

## FORMULA INDEX.

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

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

The compounds are arranged—

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

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

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

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

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

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

**CH<sub>3</sub>** Methyl, free, reactions of, 366.

**CH<sub>4</sub>** Methane, ignition of mixtures of, with air at reduced pressures, 1426.

**CO** Carbon monoxide, catalytic combustion of, 32; catalytic effect of hydrogen on flames of, 144; explosions of mixtures of, with oxygen, 160, 165.

**CN** Cyanogen, physical properties of, 1001; electric moment of, 855.

**CCl<sub>4</sub>** Carbon tetrachloride, molecular refraction and polarisation of, 728.

#### 1 II

**HCN** Hydrocyanic acid, studies on, 674; auric and cupric salts, complex anions of, 100.

**CH<sub>2</sub>O** Formaldehyde, liquid, preparation of, 338; vapour pressure of, 506.

**CH<sub>2</sub>N<sub>2</sub>** Diazomethane, preparation of, 286.

**CH<sub>2</sub>O** Methyl alcohol, reaction of, with hydrogen chloride, 596.

**CH<sub>3</sub>N** Methylamine, photochemical decomposition of, 1612; thermal decomposition of, 929.

**COS** Carbonyl sulphide, kinetics of reaction of, with water, 1033.

**CCl<sub>3</sub>S** Thiocarbonyl tetrachloride, constitution and reactions of, 679.

#### 1 III

**CH<sub>3</sub>O<sub>2</sub>N** Nitromethane, condensation of, with halogeno-aldehydes, 1178.

**CH<sub>3</sub>O<sub>2</sub>Se** Methylselenonic acid, 904.

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

**C<sub>2</sub>H<sub>4</sub>** Ethylene, vibration frequency of, 885; equilibrium of hydrogenation of, to ethane, 876; reactions of, with deuterium and with hydrogen at nickel surfaces, 1701.

**C<sub>2</sub>H<sub>5</sub>** Ethyl, free, reactions of, 366.

**C<sub>2</sub>H<sub>6</sub>** Ethane, equilibrium of formation of, from ethylene, 876; vibration frequency of, 885.

#### 2 II

**C<sub>2</sub>H<sub>2</sub>O** Keten, Friedel-Crafts reaction with, 1873.

**C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>** Oxalic acid, reaction of, with potassium permanganate, 1303; manganese salt, dihydrate, dissociation of, 321.

**C<sub>2</sub>H<sub>2</sub>N<sub>2</sub>** Iminoforbylamine, reactions of, 674.

**C<sub>2</sub>H<sub>2</sub>O<sub>2</sub>** Acetyl peroxide, decomposition of, 207.

**C<sub>2</sub>H<sub>3</sub>O<sub>2</sub>** Acetic acid, esterification of, 1590; potassium salt, densities of aqueous solutions of, 626.

**C<sub>2</sub>H<sub>3</sub>Sb** Bisdimethylantimony, 371.

**C<sub>2</sub>H<sub>2</sub>N** Ethylamine, photochemical decomposition of, 1612.

**C<sub>2</sub>O<sub>2</sub>D<sub>4</sub>** Trideuteracetic deuteracid, 494.

#### 2 III

**C<sub>2</sub>HO<sub>2</sub>Cl<sub>3</sub>** Trichloroacetic acid, and its hydrate, cryoscopy of, in benzene and in dioxan, 1432; esterification of, 1590.

#### 2 IV

**C<sub>2</sub>H<sub>10</sub>N<sub>2</sub>Cl<sub>2</sub>Pt** Di(methylamino) platinous chlorides, 1213.

**C<sub>2</sub>H<sub>10</sub>N<sub>2</sub>Cl<sub>4</sub>Pt** Di(methylamino) platinic chlorides, 1213.

**C<sub>2</sub>H<sub>10</sub>N<sub>2</sub>Br<sub>2</sub>Pt** Di(methylamino) platinous bromide, 1213.

C<sub>3</sub> Group.

**C<sub>3</sub>H<sub>4</sub>O** Acraldehyde, spectrum, fluorescence, and photochemical decomposition of, 1452; kinetics of thermal decomposition of, 1443.

**C<sub>3</sub>H<sub>4</sub>O<sub>4</sub>** Malonic acid, complex metallic salts, 168; complex formation between heavy-metal and sodium salts of, 1728.

## 3 IV

**C<sub>3</sub>H<sub>4</sub>O<sub>3</sub>NCI<sub>3</sub>**  $\gamma\gamma\gamma$ -Trichloro- $\alpha$ -nitro- $\beta$ -hydroxypropane, 1179.

**C<sub>3</sub>H<sub>4</sub>O<sub>3</sub>NBr<sub>3</sub>**  $\gamma\gamma\gamma$ -Tribromo- $\alpha$ -nitro- $\beta$ -hydroxypropane, 1179.

**C<sub>3</sub>H<sub>6</sub>ONCl<sub>3</sub>**  $\gamma\gamma\gamma$ -Trichloro- $\alpha$ -amino- $\beta$ -hydroxypropane, and its salts, 1623.

C<sub>4</sub> Group.

**C<sub>4</sub>H<sub>4</sub>O<sub>2</sub>** Keten, dimeric, constitution of, 1751.

**C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>** Acetylmethylcarbinol, rotatory dispersion of, 704.

*iso*Butyric acid, specific heats of aqueous mixtures of, 1166.

**C<sub>4</sub>H<sub>9</sub>Cl** *tert.*-Butylchloride, hydrolysis of, 255.

**C<sub>4</sub>H<sub>16</sub>S** ( $-$ ) $\beta$ -Butylthiol, 1078.

**C<sub>4</sub>H<sub>12</sub>N<sub>2</sub>** *iso*Butylenediamine, 842.

## 4 III

**C<sub>4</sub>H<sub>10</sub>O<sub>3</sub>S** ( $+$ ) $\beta$ -Butanesulphonic acid, 1078.

**C<sub>4</sub>H<sub>11</sub>O<sub>2</sub>Sb** Diethylantimononic acid, 371.

## 4 IV

**C<sub>4</sub>H<sub>2</sub>O<sub>4</sub>S<sub>2</sub>Ni** Nickelodithio-oxalic acid, potassium salt, 1479.

**C<sub>4</sub>H<sub>2</sub>O<sub>4</sub>S<sub>2</sub>Pd** Palladodithio-oxalic acid, potassium salt, 1479.

**C<sub>4</sub>H<sub>2</sub>O<sub>4</sub>S<sub>2</sub>Pt** Platinodithio-oxalic acid, potassium salt, 1479.

**C<sub>4</sub>H<sub>3</sub>O<sub>3</sub>N<sub>3</sub>S** Thioviouric acid, 468.

**C<sub>4</sub>H<sub>4</sub>ON<sub>2</sub>S** 4:5-Diamino-2-thiouracil, 469.

**C<sub>4</sub>H<sub>7</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>3</sub>**  $\gamma\gamma\gamma$ -Trichloro- $\gamma$ -hydroxy-*n*-propylurea, 1623.

**C<sub>4</sub>H<sub>7</sub>ONBr<sub>2</sub>**  $\gamma$ -Bromo- $\alpha$ -aminobutyric acid hydrobromide, 766.

**C<sub>4</sub>H<sub>11</sub>NS<sub>2</sub>Br** Methylthioformaldin hydrobromide, 866.

**C<sub>4</sub>H<sub>11</sub>N<sub>2</sub>Br<sub>2</sub>Pt**  $\beta$ -Di(ethylamino)platinous bromide, 1213.

**C<sub>4</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>Pt** Di(ethylamino)platinous hydroxide, salts of, 1213.

## 4 V

**C<sub>4</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>S<sub>2</sub>Pd** Bis(dimethylsulphide)palladium dinitrite, 1559.

C<sub>5</sub> Group.

**C<sub>5</sub>H<sub>4</sub>O<sub>2</sub>** Protoanemonin, 1145.

**C<sub>5</sub>H<sub>7</sub>N** ( $+$ ) $\beta$ -Butyl cyanide, 1080.

**C<sub>5</sub>H<sub>10</sub>O** *iso*Valeraldehyde, photochemical decomposition of, 1504.

**C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>** *l*-Xylose, preparation of, 425.

**C<sub>5</sub>H<sub>11</sub>As** Dimethylallylarsine, 398.

## 5 III

**C<sub>5</sub>H<sub>9</sub>ON**  $\beta$ -Hydroxy- $\alpha$ -methyl*iso*butylamines, and their hydrochlorides, 416.

**C<sub>5</sub>H<sub>8</sub>O<sub>2</sub>Cl<sub>2</sub>** Glutaryl chloride, structure of, 856.

**C<sub>5</sub>H<sub>7</sub>O<sub>2</sub>N** Methyl  $\alpha$ -cyanoethyl carbonate, 1060.

**C<sub>5</sub>H<sub>7</sub>N<sub>2</sub>Cl** 4(5)-Chloroethylglyoxaline, hydrochloride of, 491.

**C<sub>5</sub>H<sub>7</sub>ON<sub>2</sub>** 4(5)- $\beta$ -Hydroxyethylglyoxaline, and its picrate, 490.

**C<sub>5</sub>H<sub>9</sub>OCl** ( $+$ )Methylethylacetyl chloride, 1080.

**C<sub>5</sub>H<sub>9</sub>O<sub>2</sub>Cl** *d*- $\beta$ -Butyl chloroformate, 1079.

Methyl  $\alpha$ -chloro*iso*butyrate, 1059.

**C<sub>5</sub>H<sub>9</sub>O<sub>2</sub>N** Ethyl nitroacetate nitronic ester, 7.

**C<sub>5</sub>H<sub>9</sub>NS** ( $+$ ) $\beta$ -Butyl thiocyanate, 1078.

**C<sub>5</sub>H<sub>9</sub>NSe** ( $-$ ) $\beta$ -Butyl selenocyanate, 1079.

**C<sub>5</sub>H<sub>11</sub>ON** ( $-$ )Acetomethylethylamide, 1080.

**C<sub>5</sub>H<sub>11</sub>O<sub>2</sub>N** Valine, configuration of, 410.

**C<sub>5</sub>H<sub>11</sub>BrHg** *dl*-Amylmercuric bromide, 40.

**C<sub>5</sub>H<sub>11</sub>IHg** *n*-Amylmercuric iodide, 40.

**C<sub>5</sub>H<sub>12</sub>O<sub>2</sub>N<sub>4</sub>** Canavanine, 763.

**C<sub>5</sub>H<sub>13</sub>ON** *d*- and *l*-Valinols, and their salts, 414.

**C<sub>5</sub>H<sub>13</sub>NBr<sub>2</sub>**  $\alpha$ -Bromomethyl*iso*butylamine hydrobromide, 414.

## 5 IV

**C<sub>5</sub>H<sub>5</sub>O<sub>2</sub>NS** 4-Methylthiazole-5-carboxylic acid, 1031.

**C<sub>5</sub>H<sub>5</sub>NBrAu** Pyridinobromogold, 218.

**C<sub>5</sub>H<sub>6</sub>O<sub>4</sub>NCI<sub>3</sub>**  $\gamma\gamma\gamma$ -Trichloro- $\alpha$ -nitro- $\beta$ -acetoxypropane, 1179.

**C<sub>5</sub>H<sub>6</sub>O<sub>4</sub>NBr<sub>3</sub>**  $\gamma\gamma\gamma$ -Tribromo- $\alpha$ -nitro- $\beta$ -acetoxypropane, 1179.

**C<sub>5</sub>H<sub>6</sub>ONCl<sub>3</sub>**  $\gamma\gamma\gamma$ -Trichloro- $\alpha$ -acetamido- $\beta$ -hydroxypropane, 1623.

- C<sub>5</sub>H<sub>8</sub>ON<sub>2</sub>S** 4(5)-β-Hydroxyethyl-2-thiolglyoxaline, 490.  
**C<sub>5</sub>H<sub>8</sub>O<sub>2</sub>NCl<sub>3</sub>** γγδ-Trichloro-α-nitro-β-hydroxypentane, 1179.  
**C<sub>5</sub>H<sub>10</sub>ONCl<sub>3</sub>** γγδ-Trichloro-α-amino-β-hydroxy-*n*-pentane, and its salts, 1624.  
**C<sub>5</sub>H<sub>13</sub>Cl<sub>2</sub>AsHg** Dimethyl-*n*-propylarsino mercurichloride, 398.  
 Methyl-diethylarsine mercurichloride, 398.  
**C<sub>5</sub>H<sub>13</sub>Cl<sub>2</sub>AsHg<sub>2</sub>** Dimethyl-*n*-propylarsine dimercurichloride, 397.  
 Methyl-diethylarsine dimercurichloride, 398.

C<sub>6</sub> Group.

- C<sub>6</sub>H<sub>6</sub>** Benzene, molecular refraction and polarisation of, 728; action of aromatic aldehydes on, in presence of aluminium chloride, 72; compounds of, with 2:4-dinitro-2'-methyl-diphenyl-6-carboxylic acid, 1858.

## 6 II

- C<sub>6</sub>H<sub>6</sub>O<sub>3</sub>** Pyrogallol, action of, with hydrogen peroxide, catalysed by iron, 826.  
**C<sub>6</sub>H<sub>6</sub>O<sub>3</sub>** Dimethylene tartrate, rotation of, 1038.  
**C<sub>6</sub>H<sub>7</sub>N** Aniline, dielectric constant and density of, 776; surface tension and partial vapour pressure of aqueous solutions of, 776; velocity of reactions of, with 1-bromo- and 1-chloro-nitrobenzenes, 1411; addition of, to olefines, 1279.  
**C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>** Citric acid, anhydrous, crystallography of, 130.  
**C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>** 5-Methyl γ-arabonolactone, 653.  
**C<sub>6</sub>H<sub>10</sub>N<sub>4</sub>** 4:5-Diamino-6-ethylpyrimidine, 1284.  
**C<sub>6</sub>H<sub>11</sub>N<sub>3</sub>** 4(5)-β-Methylaminoethylglyoxaline, salts of, 491.  
**C<sub>6</sub>H<sub>12</sub>O** Methyl *n*-butyl ketone, photolysis of, 1638.  
**C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>** Glucose, transformation of, into galactose and glucose, 685.  
**C<sub>6</sub>H<sub>12</sub>O<sub>9</sub>** Metaacetaldehyde, preparation of, and its effect on rotation of ethyl tartrate, 904.  
**C<sub>6</sub>H<sub>14</sub>O** (–)Ethyl β-butyl ether, 1079.

## 6 III

- C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N** Nitrobenzene, electrical polarisation of concentrated solutions of, 609; polarisation of, in various solvents, 504.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N<sub>2</sub>** α-*o*-Nitroaniline, transformation of, into the β-form, 1860.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>Cl** 2-Chloro-Δ<sup>1</sup>-cyclopentene-carboxylic acid, 1540.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N<sub>3</sub>** 5-Nitro-6-ethyluracil, 1284.  
**C<sub>6</sub>H<sub>5</sub>OBr<sub>2</sub>** 4:6-Dibromo-*m*-tolyl methyl ether, 1423.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N** Nitrosoisopropylacetone, photochemical decomposition of, 1679.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N<sub>3</sub>** cycloPropane-1:1:2-tricarboxylamide, 193.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N** Methyl nitromalonate nitronic ester, 8.  
**C<sub>6</sub>H<sub>5</sub>N<sub>2</sub>Cl** 2-Chloro-4:5-diamino-6-ethylpyrimidine, 1284.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N<sub>2</sub>** isoNitrosocyclohexanone nitrite, 1273.  
**C<sub>6</sub>H<sub>12</sub>NCl<sub>3</sub>** βββ''-Trichlorotriethylamine, 1217.  
**C<sub>6</sub>H<sub>14</sub>Br<sub>2</sub>Au<sub>2</sub>** *n*-Propyldibromogold, 222.  
**C<sub>6</sub>H<sub>14</sub>Br<sub>2</sub>Sn** Di-*n*-propyltin dibromide, 41.  
**C<sub>6</sub>H<sub>14</sub>IAs** Trimethylallylarsonium iodide, 399.  
**C<sub>6</sub>H<sub>14</sub>S<sub>2</sub>Pd** Palladium di-*n*-propylmercaptide, 1561.

## 6 IV

- C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N<sub>3</sub>Cl<sub>2</sub>** 2:4-Dichloro-5-nitro-6-ethylpyrimidine, 1284.  
 2:6-Dichloro-4-nitrophenylhydrazine, 1814.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N<sub>3</sub>Br<sub>2</sub>** 2:6-Dibromo-4-nitrophenylhydrazine, 1814.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N<sub>3</sub>Cl** 2-Chloro-4-nitrophenylhydrazine, 92.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N<sub>3</sub>Br** 2-Bromo-4-nitrophenylhydrazine, 92.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>NS** Methyl 4-methylthiazole-5-carboxylate, 1031.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N<sub>3</sub>Cl** 4-Chloro-1:3-dimethyluracil, 956.  
**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N<sub>3</sub>Cl** 2-Chloro-5-nitro-4-amino-6-ethylpyrimidine, 1284.  
**C<sub>6</sub>H<sub>5</sub>ON<sub>2</sub>S** 6-Ethyl-2-thiouracil, 1284.  
**C<sub>6</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>3</sub>** γγδ-Trichloro-β-hydroxy-*n*-amylurea, 1624.  
**C<sub>6</sub>H<sub>11</sub>NSHg** *n*-Amylmercuric thiocyanate, 40.  
**C<sub>6</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>Pb** Di-*n*-propyl-lead dinitrate, 43.  
**C<sub>6</sub>H<sub>16</sub>Cl<sub>2</sub>S<sub>2</sub>Pd** Bis(methylethylsulphide)palladium dichloride, 1558.  
**C<sub>6</sub>H<sub>18</sub>Cl<sub>2</sub>As<sub>2</sub>Pd** Bis(trimethylarsine)palladium dichloride, 1560.

C<sub>7</sub> Group.

- C<sub>7</sub>H<sub>7</sub>** Benzyl, free, preparation of, 381.  
**C<sub>7</sub>H<sub>8</sub>** Toluene, action of aromatic aldehydes on, in presence of aluminium chloride, 72.

## 7 II

- C<sub>7</sub>H<sub>7</sub>Br** Benzyl bromide, rate of reaction of, with nitrobenzylamine and its derivatives, 16; effect of substituents on reactions of, with α-picoline and pyridine, 519.  
**C<sub>7</sub>H<sub>8</sub>O<sub>6</sub>** Methyl dihydrogen cyclopropane-1:1:2-tricarboxylate, 193.  
**C<sub>7</sub>H<sub>10</sub>O<sub>2</sub>** 1-Methyl-Δ<sup>2</sup>-cyclopentene-1-carboxylic acid, 1536.  
**C<sub>7</sub>H<sub>10</sub>O<sub>5</sub>** Keto-acid, from oxidation of dehydronorecaryophyllenic acid, 533.

- C<sub>7</sub>H<sub>10</sub>O<sub>8</sub>** Dimethyl methylenetartrate, 1043.  
**C<sub>7</sub>H<sub>11</sub>Cl** 1-Methyl- $\Delta^2$ -cyclopentenylmethyl chloride, 1536.  
**C<sub>7</sub>H<sub>12</sub>O** 1-Methyl- $\Delta^2$ -cyclopentenyl-1-carbinol, 1536.  
**C<sub>7</sub>H<sub>12</sub>O<sub>2</sub>** *n*-Butyl acrylate, 404.  
**C<sub>7</sub>H<sub>12</sub>O<sub>3</sub>**  $\beta$ -Methoxyethyl  $\alpha$ -methylacrylate, 715.  
**C<sub>7</sub>H<sub>12</sub>O<sub>4</sub>** Methyl  $\alpha$ -acetoxyisobutyrate, 715.  
**C<sub>7</sub>H<sub>12</sub>O<sub>7</sub>**  $\alpha$ -Methylmannuronide, and its potassium salt, 518.  
**C<sub>7</sub>H<sub>13</sub>N<sub>3</sub>** 4(5)- $\beta$ -Dimethylaminoethylglyoxaline, and its salts, 491.  
**C<sub>7</sub>H<sub>13</sub>N<sub>3</sub>** 4(5)- $\beta$ -Ethylaminoethylglyoxaline, salts of, 491.  
**C<sub>7</sub>H<sub>14</sub>O** Di-*n*-propylketone, photochemical decomposition of, 1504.  
**C<sub>7</sub>H<sub>14</sub>O<sub>4</sub>**  $\alpha$ -Methylaltroside, 1199.  
**C<sub>7</sub>H<sub>14</sub>O<sub>4</sub>** 4-Methylglucose, constitution of, 874.  
**C<sub>7</sub>H<sub>14</sub>O<sub>4</sub>**  $\alpha$ -Methylgulose, 689.  
**C<sub>7</sub>H<sub>15</sub>I** *tert.*-Heptyl iodide, 1282.  
**C<sub>7</sub>H<sub>16</sub>O<sub>3</sub>** Ethyl orthoformate, parachor of, 207.

## 7 III

- C<sub>7</sub>H<sub>5</sub>O<sub>3</sub>I** 2-Iodo-3-hydroxybenzoic acid, 857.  
**C<sub>7</sub>H<sub>5</sub>N<sub>2</sub>Se** 1-Aminobenzselenazole, 1764.  
**C<sub>7</sub>H<sub>5</sub>ClF** Fluorobenzyl chlorides, 1817.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>N** 2-Nitrosomethoxyphenol, metallic salts, 1617.  
**C<sub>7</sub>H<sub>5</sub>O<sub>3</sub>N<sub>2</sub>**  $\alpha$ -Cyanoethyl carbonate, 1059.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>N** 2':4'-Dinitro-2-amino-4-methoxydiphenyl ether, 198.

## 7 IV

- C<sub>7</sub>H<sub>4</sub>OCl<sub>4</sub>S** 2-Chlorophenoxytrichloromethylthiol, 681.  
**C<sub>7</sub>H<sub>5</sub>ONSe** 1-Hydroxybenzselenazole, 1765.  
**C<sub>7</sub>H<sub>5</sub>OCl<sub>3</sub>S** *S*-Phenoxytrichloromethylthiol, 681.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>NBr<sub>2</sub>** 2:4-Dibromo-6-nitroresorcinol 3-methyl ether, 947.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>N<sub>2</sub>Br** 2:4-Dinitrobenzyl bromide, 1843.  
**C<sub>7</sub>H<sub>5</sub>NSSe** 1-Thiolbenzselenazole, 1765.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>NCl** 3-Chloro-2-nitroso-5-methoxyphenol, metallic salts, 1617.  
**C<sub>7</sub>H<sub>5</sub>O<sub>3</sub>NBr** 4-Bromo-3-nitroanisole, 947.  
**C<sub>7</sub>H<sub>5</sub>O<sub>3</sub>NBr** 4-Bromo-6-nitro-*m*-cresol, 1423.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>NBr** 4-Bromo-6-nitroresorcinol 3-methyl ether, 947.  
**C<sub>7</sub>H<sub>5</sub>ONCl** 2-Chloro-6-methoxy-7-methylpurine, 957.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>NAs** 3-Amino-4-carboxyphenylarsonic acid, 471.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>N<sub>2</sub>S** 3-Nitroanilino-*N*-methylenesulphurous acid, sodium salt, 811.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>N<sub>2</sub>S** Nitro-2-hydroxyanilino-*N*-methylenesulphurous acids, sodium salts, 809.  
**C<sub>7</sub>H<sub>10</sub>O<sub>2</sub>NCl<sub>3</sub>**  $\gamma\gamma\gamma$ -Trichloro- $\alpha$ -acetamido- $\beta$ -acetoxypropane, 1623.  
**C<sub>7</sub>H<sub>10</sub>O<sub>2</sub>NCl<sub>3</sub>**  $\gamma\gamma\delta$ -Trichloro- $\alpha$ -nitro- $\beta$ -acetoxypropane, 1179.  
**C<sub>7</sub>H<sub>11</sub>O<sub>2</sub>NSe** Substance, from selenium dioxide and aniline, 904.  
**C<sub>7</sub>H<sub>12</sub>O<sub>2</sub>NCl<sub>3</sub>**  $\gamma\gamma\delta$ -Trichloro- $\alpha$ -acetamido- $\beta$ -hydroxy-*n*-pentane, 1624.  
**C<sub>7</sub>H<sub>12</sub>ONI**  $\beta$ -Ethoxyethyltrimethylammonium iodide, 723.

## 7 V

- C<sub>7</sub>H<sub>4</sub>ONClS** 5-Chloro-1-hydroxybenzthiazole, 1760.  
**C<sub>7</sub>H<sub>4</sub>ONIS** 5-Iodo-1-hydroxybenzthiazole, 1760.  
**C<sub>7</sub>H<sub>6</sub>O<sub>2</sub>NCIPd** Salicylaldoximepalladous chloride, 461.

C<sub>8</sub> Group.

- C<sub>8</sub>H<sub>14</sub>** *cis*- and *trans*-bicycloOctanes, 442.

## 8 II

- C<sub>8</sub>H<sub>7</sub>N<sub>3</sub>** 3:4-Diamino-5-pyridylpyrazole, 420.  
**C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>** *r*-Mandelic acid, resolution of, with (—) ephedrine, 1544.  
**C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>** *o*-Piperonyl alcohol, 726.  
**C<sub>8</sub>H<sub>8</sub>O<sub>4</sub>** (—)-*o*-Hydroxymandelic acid, 111.  
**C<sub>8</sub>H<sub>8</sub>O<sub>7</sub>** *l*-Diacyltartaric anhydride, 846.  
**C<sub>8</sub>H<sub>8</sub>Cl<sub>2</sub>**  $\beta$ -*p*-Chlorophenylethyl chloride, 1820.  
**C<sub>8</sub>H<sub>10</sub>O<sub>2</sub>** *cyclo*Pentanone-2- $\beta$ -propionolactone, 1543.  
**C<sub>8</sub>H<sub>10</sub>O<sub>4</sub>**  $\Delta^2$ -Tetrahydroterephthalic acids, configuration of, 1373.  
**C<sub>8</sub>H<sub>12</sub>O** *d-trans*- $\beta$ -0:3:3-*bicyclo*Octanone, 1071.  
**C<sub>8</sub>H<sub>12</sub>O<sub>2</sub>** *cyclo*Pentanol-2- $\beta$ -propionic acid lactone, 1543.  
**C<sub>8</sub>H<sub>12</sub>O<sub>3</sub>** 2:2-Dimethyl*cyclo*pentan-1-one-4-carboxylic acid, 1128.  
**C<sub>8</sub>H<sub>12</sub>O<sub>3</sub>** *cyclo*Pentanone-2- $\beta$ -propionic acid, 983.  
**C<sub>8</sub>H<sub>12</sub>O<sub>4</sub>** Dehydronorearyophyllenic acid, 533.  
**C<sub>8</sub>H<sub>13</sub>Br**  $\beta$ - $\Delta^1$ -*cyclo*Hexenylethyl bromide, 501.  
**C<sub>8</sub>H<sub>14</sub>O**  $\beta\beta$ -Dimethyl*cyclo*hexanone, supposed isolation of second form of, 1063.  
**C<sub>8</sub>H<sub>14</sub>O**  $\beta$ - $\Delta^1$ -*cyclo*Hexenylethyl alcohol, 501.  
**C<sub>8</sub>H<sub>14</sub>O**  $\beta$ -*cyclo*Pentylpropionic acid, 984.  
**C<sub>8</sub>H<sub>14</sub>O<sub>6</sub>** 4:6-Dimethyl  $\delta$ -mannonolactone, 1016.

- $C_8H_{16}O_8$  3:6-Dimethyl glucose, 175.  
 4:6-Dimethyl mannose, 1015.  
 Methyl  $\alpha$ -methylaltrosides, 1198.  
 $C_8H_{16}N_3$  4(5)- $\beta$ -Trimethylaminoethylglyoxaline, salts of, 491.  
 $C_8H_{18}O$  (—) $\beta$ -Butyl *n*-butyl ether, 1079.  
 $C_8H_{18}S$  (—) $\beta$ -Octylthiol, 1081.  
 $C_8H_{18}S_2$  (—) $\beta$ -Butyl disulphide, 1078.  
 Methyl ethyl ketone bisethylmercaptol, 1557.  
 $C_8H_{18}Se_2$  (+) $\beta$ -Butyl diselenide, 1079.  
 $C_8H_{20}Sb$  Bisdiethylantimony, 371.

## 8 III

- $C_8H_5O_2Br_4$  2:4:6-Tribromo- $\omega$ -3-bromotoluic acid, 71.  
 $C_8H_5NBr_3$  2:4:6-Tribromo-*m*-toluonitrile, 70.  
 $C_8H_5O_2Br_3$  2:4:6-Tribromo-*m*-toluic acid, 71.  
 $C_8H_5O_2N_5$  3:4-Dinitro-5-pyridylpyrazole, and its hydrochloride, 419.  
 $C_8H_5NCl$  2-Chloro- $\omega$ -4-chlorotoluonitrile, 70.  
 $C_8H_5O_2N_2$  Substance, from *N*-nitrosophenylglycine and acetic anhydride, 899.  
 $C_8H_5O_2N_4$  4-Nitro-5-pyridylpyrazole, 419.  
 $C_8H_5O_2Br_2$  2:3-Dibromo-5:6-methylenedioxybenzyl alcohol, 725.  
 $C_8H_5O_2N$  Dioxindoles, optically active, 108.  
 $C_8H_5O_2N_5$  4-Nitro-3-amino-5-pyridylpyrazole, and its salts, 419.  
 $C_8H_5O_2N$  *N*-Hydroxydioxindoles, optically active, 110.  
 $C_8H_5O_3N_3$  4-Nitro-3-hydroxylamino-5-pyridylpyrazole, 419.  
 $C_8H_5O_2N$  (+) and (—)-*o*-Nitromandelic acids, 108.  
 $C_8H_5O_2Br_2$  4:6-Dibromoresorcinol dimethyl ether, 948.  
 $C_8H_5N_2Se$  1-Imino-2-methyl-1:2-dihydrobenzselenazole, 1764.  
 1-Methylaminobenzselenazole, 1764.  
 $C_8H_5ClBr$   $\beta$ -*p*-Bromophenylethyl chloride, 1820.  
 $C_8H_5Cl$   $\beta$ -*p*-Iodophenylethyl chloride, 1820.  
 $C_8H_5ClF$   $\beta$ -*p*-Fluorophenylethyl chloride, 1821.  
 $C_8H_5OCl$   $\beta$ -*p*-Chlorophenylethyl alcohol, 1820.  
 $C_8H_5OI$   $\beta$ -*p*-Iodophenylethyl alcohol, 1820.  
 $C_8H_5ONa$  Sodium *m*-4-xylyloxyde, action of, with alkyl iodides in ethyl alcohol, 141.  
 $C_8H_5O_2N$  *aci*-Phenylnitromethane methyl ether, 6.  
 $C_8H_5O_3N$  *r*- and (—)-*o*-Aminomandelic acids, 107.  
 $C_8H_{10}O_2N_1$  2:6-Dimethoxy-7-methylpurine, 957.  
 $C_8H_{10}N_2Se$  *s*-Phenylmethylselenourca, 1764.  
 $C_8H_{11}O_2Cl$  Ethyl 2-chloro- $\Delta^1$ -cyclopentene-1-carboxylate, 1540.  
 $C_8H_{11}N_2Cl$  Phenylmethylformamidine hydrochloride, 678.  
 $C_8H_{12}O_2Br_2$  1:2-Dibromo-3-methylcyclohexanecarboxylic acid, 264.  
 $C_8H_{13}ON_3$  1-Acetylcyclopentene semicarbazone, 1288.  
 $C_8H_{13}OCl$  *cyclo*Pentanepropionyl chloride, 1069.  
 $C_8H_{13}O_2N$  Retronecine, and its salts, 13.  
 $C_8H_{13}O_2Br$  Bromo-3-methylcyclohexanecarboxylic acids, 266.  
 $C_8H_{13}O_2N$  *N*-Acetyl- $\alpha$ -acetoxylisobutyramide, 716.  
 $C_8H_{14}N_2Au_2$  Di-*n*-propyldicyanodigold, 1030.  
 $C_8H_{15}O_2N_3$  *dl*-1-Methylcyclohexan-1-ol-2-one semicarbazone, 1272.  
 $C_8H_{17}ON$   $\beta$ -Nitroso- $\beta$  $\epsilon$ -dimethylhexane, photochemical decomposition of, 1679.  
 $C_8H_{17}O_2N$  4:6-Dimethylmannonamide, 1016.  
 $C_8H_{18}N_4Au_2$  Ethylenediaminodiethylgold aurocyanide, 1029.  
 $C_8H_{18}Cl_2Pb$  Di-*n*-butyl-lead dichloride, 41.  
 $C_8H_{18}S_2Hg$  Mercury di-*n*-butylmercaptide, 1562.  
 $C_8H_{18}S_2Pd$  Palladium di-*n*-butylmercaptide, 1561.

## 8 IV

- $C_8H_5O_2N_2S$  Thioltrihydroxybispyrimidazine, 469.  
 $C_8H_5O_2N_2Cl_2$  2-Chloro-3:5-dinitro- $\omega$ -4-chlorotoluic acid, 70.  
 $C_8H_5ONCl_4$  2:3:4:5-Tetrachloroacetanilide, 1006.  
 $C_8H_5ONBr_4$  3:4:5:6-Tetrabromoacetanilide, 1006.  
 $C_8H_5ONBr_3$  2:4:6-Tribromo-*m*-toluonitrile, 70.  
 $C_8H_5O_2N_2S$  5-Nitro-1-keto-2-methyl-1:2-dihydrobenzthiazole, 1761.  
 $C_8H_5O_2N_2S$  5-Nitro-1-nitrosoimino-2-methyl-1:2-dihydrobenzthiazole, 1761.  
 $C_8H_5NBrS$  2-Bromo-*p*-tolylthiocarbimide, 1759.  
 $C_8H_5ONS$  1-Hydroxy-5-methylbenzthiazole, and its salts, 1758.  
 1-Methoxybenzthiazole, 1760.  
 $C_8H_5ONSe$  1-Keto-2-methyl-1:2-dihydrobenzselenazole, 1765.  
 $C_8H_5ONSe$  1-Nitrosoimino-2-methyl-1:2-dihydrobenzselenazole, 1764.  
 $C_8H_5OCl_3S$  *S*-*p*-Tolylxytrichloromethylthiol, 681.  
 $C_8H_5NSSe$  1-Thio-2-methyl-1:2-dihydrobenzselenazole, 1766.  
 $C_8H_5ON_2Br_2$  4:6-Dibromo-*m*-tolylurea, 1620.  
 $C_8H_5O_2NBr$  *aci*-*p*-Bromophenylnitromethane methyl ether, 5.  
 $C_8H_5O_2NBr$  Bromonitro-*m*-tolyl methyl ethers, 1423.  
 $C_8H_5ONS$  Methyl phenylthioncarbamate, 1760.

- C<sub>8</sub>H<sub>9</sub>ON<sub>2</sub>Br** 6-Bromo-*m*-tolylurea, 1620.  
**C<sub>8</sub>H<sub>9</sub>O<sub>4</sub>NS** *p*-Toluenesulphonylnitromethane, 8.  
**C<sub>8</sub>H<sub>10</sub>ONBr** 4-Bromo-5-methoxytoluidines, 1423.  
**C<sub>8</sub>H<sub>10</sub>O<sub>3</sub>N<sub>2</sub>S<sub>2</sub>** 3-Nitroanilino-*NN*-dimethylenesulphurous acid, disodium salt, 811.  
**C<sub>8</sub>H<sub>10</sub>O<sub>3</sub>N<sub>2</sub>S<sub>2</sub>** Nitro-2-hydroxyanilino-*NN*-dimethylenesulphurous acids, sodium salts, 809.  
**C<sub>8</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>Pb** Di-*n*-butyl-lead dinitrate, 43.  
**C<sub>8</sub>H<sub>22</sub>N<sub>2</sub>Br<sub>2</sub>Au<sub>2</sub>** Ethylenediaminodi-*n*-propyldibromogold, 222.  
**C<sub>8</sub>H<sub>28</sub>N<sub>2</sub>Cl<sub>5</sub>Pt<sub>2</sub>** Chlorotetra(ethylamino)platinous chloroplatinite, 1250.  
**C<sub>8</sub>H<sub>28</sub>N<sub>2</sub>Br<sub>2</sub>Pt** Bromotetra(ethylamino)platinum bromide, 1249.

## 8 V

- C<sub>8</sub>H<sub>8</sub>ONCIS** 5-Chloro-1-keto-2-methyl-1:2-dihydrobenzthiazole, 1760.  
**C<sub>8</sub>H<sub>8</sub>ONBrS** Bromohydroxy-5-methylbenzthiazoles, 1759.  
 5-Bromo-1-methoxybenzthiazole, 1760.  
**C<sub>8</sub>H<sub>8</sub>ONIS** 5-Iodo-1-keto-2-methyl-1:2-dihydrobenzthiazole, 1760.  
**C<sub>8</sub>H<sub>8</sub>ON<sub>3</sub>ClS** 5-Chloro-1-nitrosoimino-2-methyl-1:2-dihydrobenzthiazole, 1761.  
**C<sub>8</sub>H<sub>8</sub>ON<sub>3</sub>IS** 5-Iodo-1-nitrosoimino-2-methyl-1:2-dihydrobenzthiazole, 1760.  
**C<sub>8</sub>H<sub>8</sub>ONBrS** Methyl *p*-bromophenylthiocarbonate, 1760.  
**C<sub>8</sub>H<sub>10</sub>ON<sub>2</sub>Cl** 2-Chloro-1:7-dimethylhypoxanthine methiodide, 957.  
**C<sub>8</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>S<sub>2</sub>Pd** Bis(diethylsulphide)palladium dinitrite, 1359.

C<sub>9</sub> Group.

- C<sub>9</sub>H<sub>16</sub>** *l-trans*-Hydrindane, 1071.

## 9 II

- C<sub>9</sub>H<sub>10</sub>O<sub>2</sub>** 2-Allylresorcinol, 631.  
**C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>** Methyl  $\alpha$ -carbomethoxyethyl carbonate, 1060.  
**C<sub>9</sub>H<sub>11</sub>Cl** (–) $\beta$ -Chloro- $\alpha$ -phenylpropane, 1084.  
**C<sub>9</sub>H<sub>11</sub>Br** (+) $\beta$ -Bromo- $\alpha$ -phenylpropane, 1084.  
 2:4-Dimethylbenzyl bromide, 1844.  
*p*-Ethylbenzyl bromide, 1843.  
**C<sub>9</sub>H<sub>12</sub>O<sub>2</sub>** 2-Propylresorcinol, 632.  
**C<sub>9</sub>H<sub>12</sub>O<sub>3</sub>** *m*-( $\beta$ -Hydroxyethoxy) anisole, 1099.  
**C<sub>9</sub>H<sub>12</sub>O<sub>4</sub>** 2:2-Dimethylcyclopentanone-5-glyoxylic acid, 454.  
*cyclo*Pentanol-1:2-diacetolactone, 440.  
**C<sub>9</sub>H<sub>12</sub>O<sub>6</sub>** Methyl  $\Delta\beta$ -propylene- $\alpha\alpha\beta$ -tricarboxylate, reactions of, 188.  
**C<sub>9</sub>H<sub>12</sub>O<sub>8</sub>** *n*-Pentane- $\alpha\beta\gamma\epsilon$ -tetracarboxylic acid, and its barium salt, 193.  
**C<sub>9</sub>H<sub>12</sub>S** (–) $\alpha$ -Phenyl- $\beta$ -propylthiol, 1083.  
**C<sub>9</sub>H<sub>13</sub>N** (+) $\beta$ -Amino- $\alpha$ -phenylpropane, 1083.  
*m*-Propylaniline, 308.  
**C<sub>9</sub>H<sub>14</sub>O** *d*- and *l-trans*- $\beta$ -Hydrindanones, 1070.  
**C<sub>9</sub>H<sub>14</sub>O<sub>2</sub>** Ethyl 1-methyl- $\Delta^2$ -cyclopentene-1-carboxylate, 1536.  
**C<sub>9</sub>H<sub>14</sub>O<sub>4</sub>** 1-Methylcyclopentane-1-carboxy-2-acetic acid, 1068.  
 Methyl cyclopentane-1:2-dicarboxylates, 1484.  
*d*- and *l-trans-cyclo*-Pentane-1:2-diacetic acids, 1071.  
**C<sub>9</sub>H<sub>14</sub>O<sub>6</sub>**  $\beta$ -Methylpentane- $\beta\delta\epsilon$ -tricarboxylic acid, 1128.  
**C<sub>9</sub>H<sub>14</sub>O<sub>7</sub>**  $\alpha$ -Carbomethoxyethyl carbonate, 1059.  
**C<sub>9</sub>H<sub>16</sub>O** *n*-Butyl  $\alpha$ -acetoxypropionate, 404.  
**C<sub>9</sub>H<sub>16</sub>O<sub>5</sub>**  $\beta$ -Methoxyethyl  $\alpha$ -acetoxyisobutyrate, 715.  
**C<sub>9</sub>H<sub>17</sub>N** 2-Methyloctahydropyrrocoline, and its salts, 1745.  
 Norlupinane, 1744.  
**C<sub>9</sub>H<sub>18</sub>O<sub>6</sub>** 3:6-Dimethyl  $\beta$ -methylglucoside, 176.  
 4:6-Dimethyl  $\alpha$ -methylmannopyranoside, 1015.  
**C<sub>9</sub>H<sub>19</sub>N** *N*- $\beta$ -Butylpiperidines, 1077.  
**C<sub>9</sub>H<sub>20</sub>S** (–)Methyl  $\beta$ -octyl sulphide, 1081.

## 9 III

- C<sub>9</sub>H<sub>7</sub>O<sub>2</sub>N** Isatin methyl ethers, 1656.  
**C<sub>9</sub>H<sub>7</sub>O<sub>3</sub>N** 8-Amino-7-hydroxycoumarin, 815.  
**C<sub>9</sub>H<sub>7</sub>O<sub>4</sub>I** 2-Iodo-3-acetoxybenzoic acid, 857.  
**C<sub>9</sub>H<sub>7</sub>O<sub>3</sub>N<sub>2</sub>** Substance, from *N*-nitroso- $\alpha$ -anilinopropionic acid and acetic anhydride, 900.  
**C<sub>9</sub>H<sub>7</sub>ON** (–)Phenylmethoxyacetone, 194.  
**C<sub>9</sub>H<sub>7</sub>O<sub>2</sub>N** *r-o*-Nitrophenylmethoxyacetic acid, 107.  
**C<sub>9</sub>H<sub>10</sub>OBr<sub>2</sub>** *p*-Bromophenyl  $\gamma$ -bromopropyl ether, 1834.  
**C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>N<sub>2</sub>** *N*-Nitroso- $\alpha$ -anilinopropionic acid, 900.  
**C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>S** 2-Carboxyphenyl  $\beta$ -hydroxyethyl sulphide, 1237.  
**C<sub>9</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>** 6-Hydroxy-2:4-dimethylpyridine-3:5-dicarboxylic monoamide, 539.  
**C<sub>9</sub>H<sub>10</sub>O<sub>4</sub>S** 2-Carboxyphenyl  $\beta$ -hydroxyethyl sulphoxide, 1237.  
**C<sub>9</sub>H<sub>10</sub>O<sub>5</sub>S** 2-Carboxyphenyl- $\beta$ -hydroxyethylsulphone, 1237.  
**C<sub>9</sub>H<sub>11</sub>ON<sub>3</sub>**  $\delta$ -Amino- $\alpha\gamma$ -dicyano- $\beta\beta$ -dimethylvaleric acid lactam, 539.  
**C<sub>9</sub>H<sub>11</sub>OCl** *o*-Chlorophenyl propyl ethers, 1834.  
**C<sub>9</sub>H<sub>11</sub>O<sub>2</sub>N** Ethyl pyridyl-2-acetate, 1744.  
**C<sub>9</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>** *m*-Hydroxyacetophenone semicarbazone, 302.

- C<sub>9</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** Nitropropylanilines, 308.  
**C<sub>9</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** *α*-Cyanoisopropyl carbonate, 1060.  
**C<sub>9</sub>H<sub>12</sub>O<sub>2</sub>N** 1-Cyanocyclohexyl acetate, 406.  
**C<sub>9</sub>H<sub>13</sub>O<sub>6</sub>Br** Methyl *β*-bromo-*n*-propane-*ααβ*-tricarboxylate, 192.  
**C<sub>9</sub>H<sub>12</sub>ON** 3-Keto-2-methyloctahydropyrrrocoline, 1745.  
 3-Keto-octahydropyridocoline, 1744.  
**C<sub>9</sub>H<sub>12</sub>ON<sub>6</sub>** *d-trans-β*-0:3:3-*bicyclo*Octanone semicarbazone, 1071.  
**C<sub>9</sub>H<sub>12</sub>O<sub>2</sub>Br** Ethyl bromocyclohexanecarboxylates, 263.  
**C<sub>9</sub>H<sub>12</sub>ON** 3-Hydroxy-2-methyloctahydropyrrrocoline, and its salts, 1745.  
**C<sub>9</sub>H<sub>12</sub>O<sub>2</sub>N** Ethyl piperidyl-2-acetate, 1744.  
**C<sub>9</sub>H<sub>17</sub>O<sub>2</sub>N** Ethyl *α*-acetamidoisovalerate, 415.  
**C<sub>9</sub>H<sub>17</sub>NS** (–)*β*-Oethyl thiocyanate, 1081.

## 9 IV

- C<sub>9</sub>H<sub>6</sub>O<sub>2</sub>NBr** 6-Bromohomopiperonylonitrile, 667.  
**C<sub>9</sub>H<sub>6</sub>ON<sub>2</sub>Se** 1-Acetamidobenzscelenazole, 1764.  
**C<sub>9</sub>H<sub>6</sub>O<sub>2</sub>NBr** 6-Bromohomopiperonylamide, 667.  
**C<sub>9</sub>H<sub>6</sub>ONS** 1-Keto-2:5-dimethyl-1:2-dihydrobenzthiazole, 1758.  
 1-Methoxy-5-methylbenzthiazole, 1758.  
**C<sub>9</sub>H<sub>6</sub>ON<sub>2</sub>S** 1-Nitrosoimino-2:5-dimethyl-1:2-dihydrobenzthiazole, 1758.  
**C<sub>9</sub>H<sub>6</sub>O<sub>2</sub>NS** 1-Hydroxy-5-ethoxybenzthiazole, 1760.  
**C<sub>9</sub>H<sub>6</sub>O<sub>2</sub>N<sub>2</sub>As** Carboxymethylbenzimidazole-5-*α*-arsonic acid, 156.  
**C<sub>9</sub>H<sub>10</sub>ON<sub>2</sub>Se** *s*-Acetylphenylsclenourea, 1764.  
**C<sub>9</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>As** Carbamylmethylbenzimidazole-5-*α*-arsonic acid, 156.  
**C<sub>9</sub>H<sub>11</sub>ONS** Methyl *p*-tolylthioncarbamate, 1758.  
**C<sub>9</sub>H<sub>11</sub>O<sub>2</sub>NS** *p*-Toluenesulphonylnitromethane nitronic methyl ester, 9.  
**C<sub>9</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>I** Iodo-3-nitro-4-hydroxyphenyltrimethylammonium hydroxide, salts of, 116.  
**C<sub>9</sub>H<sub>14</sub>O<sub>2</sub>NCl<sub>3</sub>** *γγδ*-Trichloro-*α*-acetamido-*β*-acetoxy-*n*-pentane, 1624.  
**C<sub>9</sub>H<sub>20</sub>ONI** *dl-cyclo*Hexan-1-ol-2-trimethylammonium iodide, 1273.

## 9 V

- C<sub>9</sub>H<sub>3</sub>ON<sub>2</sub>Cl<sub>2</sub>Br<sub>5</sub>** *ββω*-Tribromo-*α*-ketopropaldehyde 3:5-dichloro-2:4-dibromophenylhydrazone, 1008.  
**C<sub>9</sub>H<sub>6</sub>ONClS** 5-Chloro-1-ethoxybenzthiazole, 1760.  
**C<sub>9</sub>H<sub>6</sub>ONBrS** Bromo-1-keto-2:5-dimethyl-1:2-dihydrobenzthiazoles, 1759.  
**C<sub>9</sub>H<sub>6</sub>ONIS** 5-Iodo-1-ethoxybenzthiazole, 1760.  
**C<sub>9</sub>H<sub>10</sub>ONIS** *p*-Iodophenylthiourethane, 1760.

C<sub>10</sub> Group.

- C<sub>10</sub>H<sub>10</sub>** *α*-Phenylbutadiene, polymerisation of, 1359.  
**C<sub>10</sub>H<sub>14</sub>** *p*-Cymene, dipole moment of, 481.  
**C<sub>10</sub>H<sub>18</sub>** 8-Methylhydrindane, 738.  
**C<sub>10</sub>D<sub>8</sub>** Octadeuteronaphthalene, 1325.

## 10 II

- C<sub>10</sub>H<sub>6</sub>O<sub>6</sub>** Daphnetin-3-carboxylic acid, 816.  
**C<sub>10</sub>H<sub>6</sub>O<sub>2</sub>** *m*-Methoxyphenylpropionic acid, 1604.  
**C<sub>10</sub>H<sub>10</sub>O** 2-Methylchromene, 648.  
**C<sub>10</sub>H<sub>10</sub>O<sub>2</sub>** Benzyl acrylate, 405.  
**C<sub>10</sub>H<sub>10</sub>O<sub>3</sub>** *m*-Methoxy*allocinnamic* acid, 1604.  
**C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>** 6-Methylhomopiperonylic acid, 666.  
**C<sub>10</sub>H<sub>11</sub>N** (–)*β*-Cyano-*α*-phenylpropane, 1083.  
*m*-Propylbenzonitrile, 308.  
**C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>** *o*-Hydroxybenzylacetone, reactions of, 646.  
 4-Hydroxy-2-ethylacetophenone, 302.  
 2-Methylchroman, 648.  
**C<sub>10</sub>H<sub>12</sub>O<sub>3</sub>** *r-p*-Tolylmethylglycollic acid, resolution of, 154.  
**C<sub>10</sub>H<sub>12</sub>O<sub>4</sub>** 2-Hydroxy-4-(*β*-hydroxyethoxy)acetophenone, 1098.  
**C<sub>10</sub>H<sub>12</sub>O<sub>5</sub>** *cyclo*Hexane-1:2:4:5-tetracarboxylic acid, 192.  
**C<sub>10</sub>H<sub>12</sub>Cl<sub>2</sub>** Dichloro-2:4-diketo-8-methylhydrindane, 738.  
**C<sub>10</sub>H<sub>13</sub>Br** *p-iso*Propylbenzyl bromide, 1844.  
**C<sub>10</sub>H<sub>14</sub>O** 3:4-Diethylphenol, 302.  
 (–)Phenyl *β*-butyl ether, 1079.  
**C<sub>10</sub>H<sub>14</sub>O<sub>2</sub>** 2:4-Diketo-8-methylhydrindane, 737.  
*γ-m*-Methoxyphenyl-*n*-propyl alcohol, 435, 1289.  
**C<sub>10</sub>H<sub>14</sub>O<sub>3</sub>** 2-Hydroxy-4-(*β*-hydroxyethoxy)ethylbenzene, 1099.  
**C<sub>10</sub>H<sub>14</sub>O<sub>4</sub>** 1-Carboxy*cyclopentane*-2-succinic acid, 476.  
**C<sub>10</sub>H<sub>14</sub>S** Phenyl *n*- and *iso*-butyl sulphides, 1556.  
**C<sub>10</sub>H<sub>16</sub>O** *dl*-Piperitone, synthesis of, 1585.  
**C<sub>10</sub>H<sub>16</sub>O<sub>2</sub>** *γ-Δ*<sup>2</sup>-*cyclo*Hexenylbutyric acid, 1638.  
**C<sub>10</sub>H<sub>16</sub>O<sub>3</sub>** Ethyl 2:2-dimethyl*cyclopentan*-1-one-4-carboxylate, 1128.  
**C<sub>10</sub>H<sub>16</sub>O<sub>4</sub>** 2-Carboxy-1-methyl*cyclohexane*-1-acetic acid, 737.  
*d*- and *l-trans-cyclo*Hexane-1:2-diacetic acids, and their salts, 1070.  
 Homooxopofenchocamphoric acid, 1129.

- $C_{10}H_{16}O_6$  Retroneec acid, 14.  
 $C_{10}H_{16}O_7$   $\alpha$ -Methylmannuronide acetom, potassium salt, 517.  
 $C_{10}H_{18}O$  Carvomenthene, rotatory dispersion of, 709.  
 Menthone, rotatory dispersion of, 709.  
 $C_{10}H_{18}O_2$  Ethyl *cyclopentane*propionate, 1069.  
 $C_{10}H_{18}O_6$  Acetone  $\alpha$ -methylguloside, 688.  
 1:2:3:4-Diethylidenesorbitol, 426.  
 $\alpha$ -Methylgalactopyranoside acetone, 1019.  
 $\beta$ -Methylmannopyranoside 2:3-acetone, 1018.  
 $\alpha$ -Methylmannoside 2:3-acetone, 517.  
 $C_{10}H_{19}O_7$  2:3:4-Trimethyl  $\alpha$ -methyl-*d*-mannuronide, 518.  
 $C_{10}H_{20}O$  Carvomenthols, 1138.  
 $C_{10}H_{22}S$  Di-*n*-amyl sulphoxide, 1556.  
 (—)Ethyl  $\beta$ -octyl sulphide, 1081.  
 $C_{10}H_{20}Cd$  Di-*n*- and -*dl*-amylcadminm, 44.  
 $C_{10}H_{22}Hg$  Di-*n*-amylmercury, 40.  
 $C_{10}H_{24}Pb$  Dimethyl-di-*n*-butyl-lead, 42.  
 $C_{10}H_{24}Sn$  Methyltri-*n*-propyltin, 41.

## 10 III

- $C_{10}H_5O_2Cl$  4-Chloro-1:2-naphthaquinone, 1853.  
 $C_{10}H_5O_2I$  2-Iodo-1:4-naphthaquinone, 1853.  
 $C_{10}H_5O_3N_3$  2-Nitro-4-diazonaphthalene 1-oxide, 673.  
 $C_{10}H_7O_3N_3$  2:3-Dinitro-4-amino-1-naphthol, 673.  
 $C_{10}H_9O_3N_2$  Nitronaphthylamines, action of bromine on, 1596.  
 $C_{10}H_8O_3N_2$  2-Nitro-4-amino-*a*-naphthol, and its hydrochloride, 673.  
 5-Nitro-8-quinolylmethyl alcohol, 1424.  
 $C_{10}H_9O_2I_2$   $\alpha\beta$ -Di-iodo-*m*-methoxycinnamic acid, 1604.  
 $C_{10}H_9NCl$  4-Chloro-2-naphthylamine, 1851.  
 $C_{10}H_9NBr$  3-Bromo-2-naphthylamine, 1595.  
 $C_{10}H_9NI$  4-Iodo-2-naphthylamine, 1851.  
 $C_{10}H_9NS$  3-Methyl-4:5-thionaphthenopyrazole, 473.  
 $C_{10}H_9ON$  8-Quinolylmethyl alcohol, 1424.  
 $C_{10}H_9O_2N$  3-Hydroxy-2-methoxyquinoline, 1657.  
 $C_{10}H_9O_2Br$  Bromomethoxy*allo*cinnamic acids, 1604.  
 $C_{10}H_9O_3Br_3$   $\alpha\beta$ -Dibromo- $\beta$ -6-bromo-3-methoxyphenylpropionic acid, 1603.  
 $C_{10}H_9O_4Br$  Methyl 6-bromohomopiperonylate, 667.  
 $C_{10}H_9O_5N$  *r*- and (+)-*o*-Nitroacetylmandelic acids, 107.  
 $C_{10}H_9NS$  Cinnamyl thiocyanates, 1362.  
 $C_{10}H_9N_2Cl$  Chloronaphthylenediamines, and their salts, 1852.  
 $C_{10}H_9N_2Br$  3-Bromo-1:2-naphthylenediamine, 1595.  
 Bromonaphthylenediamines, and their salts, 1852.  
 $C_{10}H_9N_2I$  Iodonaphthylenediamines, and their salts, 1852.  
 $C_{10}H_{10}O_2Br_2$   $\alpha\beta$ -Dibromo- $\beta$ -3-methoxyphenylpropionic acid, 1603.  
 $C_{10}H_{10}ON$  2-Hydroxy-3- and -5-methoxybenzylideneglycine, barium salts, 214.  
 $C_{10}H_{11}ON$  (—)-*o*-Acetamidomandelic acid, 109.  
 $C_{10}H_{11}O_2N$  Ethyl (+)-*o*-nitromandelate, 108.  
 $C_{10}H_{11}NS$   $\gamma$ -Phenylpropyl thiocyanate, 1362.  
 (—) $\beta$ -Thiocyano-*a*-phenylpropane, 1083.  
 $C_{10}H_{12}O_3N_2$  Nitroso-*a*-anilinoisobutyric acid, 900.  
 $C_{10}H_{13}ON$   $\beta$ -Phenyl- $\alpha$ -methylpropionamide, 424.  
 $C_{10}H_{13}OCl$  *o*-Chlorophenyl *n*-butyl ether, 1834.  
 $\gamma$ -*m*-Methoxyphenyl-*n*-propyl chloride, 435.  
 $C_{10}H_{13}O_2N$  Ethyl pyridyl-2- $\beta$ -propionate, 1744.  
 $C_{10}H_{13}O_3N$  2-Hydroxy-4-( $\beta$ -hydroxyethoxy)acetophenone oxime, 1099.  
 $C_{10}H_{14}O_2N_2$  2-Hydroxy-4-( $\beta$ -hydroxyethoxy)acetophenone hydrazone, 1099.  
 $C_{10}H_{14}O_2Cu$  Copper acetylacetonate, 733.  
 $C_{10}H_{15}O_2N$  1-Carbethoxycyclopentane-2-acetonitrile, 475.  
 $C_{10}H_{15}O_3N_3$  Ethyl *bicyclo*octan-1-one-2:3-dicarboxylate semicarbazone, 476.  
 $C_{10}H_{17}ON_3$  *trans-cyclo*Hexane-1:2-diacetic acid semicarbazones, 1070.  
 $C_{10}H_{17}O_2N_3$  Acetylretronecanol, pierate of, 14.  
 $C_{10}H_{18}O_2S$   $\alpha$ -Carbethoxyethyl sulphite, 1061.  
 $C_{10}H_{18}N_2Cl_2$  *p*-Aminobenzyltrimethylammonium chloride hydrochloride, 872.  
 $C_{10}H_{22}N_2Au_2$  Ethylenediaminodi-*n*-propylgold aurocyanide, 1029.  
 $C_{10}H_{22}Cl_2Pb$  Di-*n*-amyl-lead dichloride, 42.  
 $C_{10}H_{22}Br_2Pb$  Di-*n*-amyl-lead dibromide, 42.  
 $C_{10}H_{22}S_2Hg$  Mercury di-*n*-amylmercaptide, 1562.  
 $C_{10}H_{22}S_2Pd$  Palladium di-*n*-amylmercaptide, 1562.

## 10 IV

- $C_{10}H_6O_2NCl$  1-Chloro-3-nitronaphthalene, 1851.  
 $C_{10}H_6O_2NBr_5$  2:3:4:5:6-Pentabromodiacetanilide, 1006.  
 $C_{10}H_6O_3NCl$  4-Chloro-2-nitro-1-naphthol, 673.  
 $C_{10}H_6O_3NBr$  3-Bromo-1-nitro-2-naphthol, 1595.



- $C_{10}H_6O_2NI$  2-Iodo-4-nitro-1-naphthol, 1853.  
 $C_{10}H_6O_2N_3Br$  3-Bromo-1:6-dinitro-2-naphthylamine, 1596.  
 $C_{10}H_7O_2N_2Cl$  4-Chloro-2-nitro-1-naphthylamine, 1850.  
 $C_{10}H_7O_2N_2Cl_3$  Ethyl  $\alpha$ -chloroglyoxylate 2:3:4:5-tetrachlorophenylhydrazone, 1008.  
 $C_{10}H_7O_2N_2Br$  3-Bromo-6-nitro-8-methylquinoline, 1424.  
 3-Bromo-1-nitro-2-naphthylamine, 1595.  
 $C_{10}H_7O_2N_2Cl$  3-Chloro-2-nitro-4-amino-1-naphthol, and its hydrochloride, 674.  
 $C_{10}H_7O_2N_2Br$  3-Bromo-2-nitro-4-amino-1-naphthol, 674.  
 $C_{10}H_7O_2N_2I$  3-Iodo-2-nitro-4-amino-1-naphthol, 674.  
 $C_{10}H_9O_2N_2Br_4$  Ethyl  $\alpha$ -bromoglyoxylate 3:4:5-tribromophenylhydrazone, 1008.  
 $C_{10}H_8O_2N_2S$  3-Methyl-4:5-thionaphthenopyrazole dioxide, 473.  
 $C_{10}H_9O_2NBr_2$  3:5-Dibromodiacetanilide, 1006.  
 $C_{10}H_9O_2NS$  1-Acetoxy-5-methylbenzthiazole, 1759.  
 $C_{10}H_9O_2N_2Cl$  Ethyl  $\alpha$ -aminoglyoxylate tetrachlorophenylhydrazone, 1008.  
 $C_{10}H_{10}ON_4S$  11-Thiol-13-hydroxy-3:4:5:6-tetrahydrobenzpyrimidazine, 469.  
 $C_{10}H_{11}ONS$  1-Ethoxy-5-methylbenzthiazole, 1758.  
 $C_{10}H_{11}ON_2Cl$   $\beta$ -Aminoaceto-*m*-chloroanilide, 114.  
 $C_{10}H_{11}O_2NS$  1-Keto-5-ethoxy-2-methyl-1:2-dihydrobenzthiazole, 1760.  
 1-Methoxy-5-ethoxybenzthiazole, 1760.  
 $C_{10}H_{12}O_2NBr$  Acetyl-2-bromo-5-methoxy-*p*-toluidine, 1423.  
 $C_{10}H_{12}N_2Cl_2Fe$  Pyridinium ferrochloride, 116.  
 $C_{10}H_{12}N_2Br_2Fe$  Pyridinium ferrobromide, 116.  
 $C_{10}H_{13}O_2NS$  Methyl *p*-phenylthiocarbamate, 1760.  
 $C_{10}H_{13}O_2NS_2$  2-Hydroxy-5-carbomethoxyanilino-*N,N*-dimethylenesulphurous acid, 810.  
 $C_{10}H_{14}OClI$  3-Chloro-10-iodocamphor, 536.  
 $C_{10}H_{14}OCl_2Hg$  3-Chlorocamphor 10-mercurichloride, 536.  
 $C_{10}H_{14}OBrI$  3-Bromo-10-iodocamphor, 536.  
 $C_{10}H_{14}OBr_2Hg$  3-Bromocamphor 10-mercuribromide, 536.  
 $C_{10}H_{15}O_2ClS$  3-Chlorocamphorsulphinic acids, 536.  
 $C_{10}H_{15}O_2BrS$  3-Bromocamphorsulphinic acids, 536.  
 $C_{10}H_{15}O_4N_2Cl_3$   $\gamma\delta$ -Trichloro- $\beta$ -acetoxy-*n*-amylacetylurca, 1624.  
 $C_{10}H_{22}O_2SHg_2$  *dl*-Amylmercuric sulphate, 40.  
 $C_{10}H_{22}O_2SPb$  Di-*n*-amyl-lead sulphate, 42.  
 $C_{10}H_{22}O_2N_2Pb$  Di-*n*-amyl-lead dinitrate, 43.

## 10 V

- $C_{10}H_8O_2N_2Cl_2Br_2$  Ethyl  $\alpha$ -bromoglyoxylate 3:5-dichloro-4-bromophenylhydrazone, 1008.  
 $C_{10}H_{10}ONBrS$  Bromo-1-ethoxy-5-methylbenzthiazole, 1759.  
 $C_{10}H_{10}O_2N_2Cl_2Br$  Ethyl  $\alpha$ -aminoglyoxylate 3:5-dichloro-4-bromophenylhydrazone, 1008.  
 $C_{10}H_{12}ONBrS$  Bromo-*p*-tolylthiourethanes, 1759.  
 $C_{10}H_{14}OClBrHg$  3-Bromocamphor 10-mercurichloride, 536.  
 3-Chlorocamphor 10-mercuribromide, 536.  
 $C_{10}H_{14}OClIHg$  3-Chlorocamphor 10-mercuri-iodide, 536.  
 $C_{10}H_{14}OBrIHg$  3-Bromocamphor 10-mercuri-iodide, 536.  
 $C_{10}H_{36}O_2N_4Cl_2Pt$   $\alpha$ -Di(ethylamino)di(propylamino)platinous chloride dihydrate, 1248.

C<sub>11</sub> Group.

- $C_{11}H_{12}$  1-Methyl-3:4-dihydronaphthalene, 1543.

## 11 II

- $C_{11}H_8O_4$  7-Hydroxy-8-acetylcoumarin, 815.  
 Methylnaphthazarin, 333.  
 $C_{11}H_9O_5$  Hydroxydroserone, 338.  
 $C_{11}H_{10}O$  2:3-Dimethylindenone, 1161.  
 $C_{11}H_{10}O_2$   $\alpha$ -Vinylcinnamic acid, reduction of, 717.  
 $C_{11}H_{10}O_4$  Methyl 3:4-methylenedioxycinnamate, 1413.  
 $C_{11}H_{12}O_2$   $\alpha$ -Benzyl- $\gamma$ -butyrolactone, 724.  
*iso*- $\alpha$ -Benzylcrotonic acid, and its silver salt, 725.  
 $\beta$ -Phenyl- $\beta$ -vinylpropionic acid, 1364.  
 $C_{11}H_{13}O_3$  3-Allylresacetophenone, 631.  
 4-*O*-Allylresacetophenone, 630.  
 $C_{11}H_{12}O_4$  Methyl  $\beta$ -3:4-methylenedioxyphenylpropionate, 1413.  
 $C_{11}H_{14}O_2$  *m*-Methoxybenzylacetone, 433.  
 2-Methoxy-2-methylchroman, 648.  
 $C_{11}H_{14}O_3$   $\gamma$ -*m*-Methoxyphenylbutyric acid, 1290.  
 Methyl  $\beta$ -*m*-methoxyphenylpropionate, 435, 1413.  
 3-*n*-Propylresacetophenone, 632.  
 $C_{11}H_{14}O_4$  *m*-( $\beta$ -Acetoxyethoxy)anisole, 1099.  
 $C_{11}H_{15}Br$  *p*-*tert*-Butylbenzyl bromide, 1844.  
 $C_{11}H_{16}O$  3:4-Diethylanisole, 303.  
*trans*-3-Methyl- $\Delta^2$ -octal-1-one, 1068.  
 $C_{11}H_{16}O_4$  Ethyl 2:2-dimethylcyclopentanone-5-glyoxylate, 454.  
 $\beta$ -( $\Delta^1$ -cyclohexenylethyl)malonic acid, 1638.

- C<sub>11</sub>H<sub>17</sub>N** *p*-tert.-Butylbenzylamine, 1848.  
 (—)β-Butyl-*p*-toluidine, 1078.  
**C<sub>11</sub>H<sub>7</sub>P** Mesityldimethylphosphine, 464.  
**C<sub>11</sub>H<sub>18</sub>O** *trans*-3-Methyl-*a*-decalone, 1068.  
**C<sub>11</sub>H<sub>18</sub>O<sub>2</sub>** Δ<sup>10</sup>-Undecyenoic acid, addition of hydrogen bromide to, 1572.  
**C<sub>11</sub>H<sub>18</sub>O<sub>6</sub>** 4:6-Dimethyl δ-mannonolactone 2:3-acetone, 1016.  
**C<sub>11</sub>H<sub>16</sub>O<sub>7</sub>** *a*-Carbomethoxyisopropyl carbonate, 1059.  
**C<sub>11</sub>H<sub>20</sub>O<sub>2</sub>** Undecenoic acid, addition of hydrogen bromide to, 1572.  
**C<sub>11</sub>H<sub>20</sub>O<sub>3</sub>** 10:11-Epoxyundecenoic acid, addition of hydrogen bromide to, 1575.  
**C<sub>11</sub>H<sub>20</sub>O<sub>6</sub>** 4:6-Dimethyl mannose 2:3-acetone, 1016.  
**C<sub>11</sub>H<sub>20</sub>O<sub>7</sub>** 2:3:4-Trimethyl-*a*-methylmannuronide methyl ester, 518.  
**C<sub>11</sub>H<sub>22</sub>O<sub>6</sub>** Tetramethyl *a*-methylaltroside, 1199.

## 11 III

- C<sub>11</sub>H<sub>5</sub>O<sub>5</sub>N<sub>3</sub>** 4:5-Dinitronaphthastyryl, 318.  
**C<sub>11</sub>H<sub>5</sub>O<sub>5</sub>S** Naphthalene-1:8-carboxysulphonic anhydride, 318.  
**C<sub>11</sub>H<sub>5</sub>N<sub>3</sub>Se** 1-Amino-*a*-naphthaselenazole, 1766.  
**C<sub>11</sub>H<sub>5</sub>O<sub>4</sub>N** 8-Acetamido-7-hydroxycoumarin, 815.  
 7-Hydroxy-8-acetylcoumarin oxime, 815.  
**C<sub>11</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>** Succino-*o*-nitrobenzylimide, 1278.  
**C<sub>11</sub>H<sub>10</sub>O<sub>6</sub>N<sub>2</sub>** Crotonyl 3:5-dinitrobenzoate, 289.  
**C<sub>11</sub>H<sub>11</sub>ON** 6-Methoxy-8-methylquinoline, and its hydrobromide, 1422.  
**C<sub>11</sub>H<sub>11</sub>O<sub>2</sub>N** 3-Methoxy-1-methylquinolone, 1657.  
**C<sub>11</sub>H<sub>11</sub>O<sub>4</sub>N** Methoxyphenoxyacetic acid 2-acetonitriles, 994.  
**C<sub>11</sub>H<sub>12</sub>ON<sub>2</sub>** 4(5)-β-Phenoxyethylglyoxaline, and its hydrochloride, 491.  
 Vasincine, constitution of, 1277.  
**C<sub>11</sub>H<sub>12</sub>O<sub>3</sub>N<sub>2</sub>** *o*-Nitrobenzylsuccinamic acid, 1278.  
**C<sub>11</sub>H<sub>12</sub>O<sub>6</sub>N<sub>4</sub>** Dimethylpyruvic acid 2:4-dinitrophenylhydrazone, 535.  
**C<sub>11</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** Dimethoxybenzylidene glycines, barium salts, 215.  
**C<sub>11</sub>H<sub>9</sub>ON** *γ*-*m*-Methoxyphenylbutyronitrile, 1290.  
**C<sub>11</sub>H<sub>13</sub>O<sub>2</sub>N** 3-Methoxy-4-ethoxyphenylacetone nitrile, 121.  
**C<sub>11</sub>H<sub>13</sub>O<sub>2</sub>Br** Ethyl β-bromo-β-phenylpropionates, 1666.  
**C<sub>11</sub>H<sub>13</sub>O<sub>2</sub>N** 2:4:5-Trimethoxyphenylacetone nitrile, 1373.  
**C<sub>11</sub>H<sub>13</sub>O<sub>4</sub>N** β-3-Amino-4-methoxybenzoylpropionic acid, 1093.  
**C<sub>11</sub>H<sub>13</sub>O<sub>4</sub>N<sub>3</sub>** Dimethylpyruvic acid *p*-nitrophenylhydrazone, 535.  
**C<sub>11</sub>H<sub>7</sub>ON<sub>2</sub>** Cytisine, picrate of, 11.  
**C<sub>11</sub>H<sub>7</sub>O<sub>3</sub>N<sub>2</sub>** *o*-Aminobenzylsuccinamic acid, 1278.  
 Nitropropylacetanilides, 308.  
**C<sub>11</sub>H<sub>7</sub>O<sub>4</sub>N<sub>4</sub>** Diethyl ketone 2:4-dinitrophenylhydrazone, 152.  
 Ethyl *a*-aminoglyoxylate 5-nitro-*o*-tolylhydrazone, 118.  
**C<sub>11</sub>H<sub>15</sub>ON** Acetyl-*p*-nitropropylbenzene, 308.  
 Benzo-β-butylamides, 1078.  
*p*-Nitropropylbenzene, 308.  
*o*-Propylacetanilide, 307.  
*m*-Propylacetanilide, 308.  
**C<sub>11</sub>H<sub>15</sub>ON<sub>3</sub>** *p*-Ethylacetophenonesemicarbazone, 1874.  
**C<sub>11</sub>H<sub>15</sub>OCl** Chlorophenyl *n*-amyl ethers, 1834.  
**C<sub>11</sub>H<sub>15</sub>O<sub>2</sub>N** *γ*-*m*-Methoxyphenylbutyramide, 1290.  
**C<sub>11</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** 4-Hydroxy-2-ethylacetophenone semicarbazone, 302.  
**C<sub>11</sub>H<sub>16</sub>ON<sub>2</sub>** *p*-Acetamidobenzyl dimethylamine, 872.  
**C<sub>11</sub>H<sub>16</sub>O<sub>2</sub>S** *d*-β-Butyl *p*-toluenesulphinate, 1077.  
**C<sub>11</sub>H<sub>16</sub>O<sub>3</sub>S** *d*-β-Butyl *p*-toluenesulphonate, 1077.  
**C<sub>11</sub>H<sub>19</sub>O<sub>2</sub>Br** Bromoundecenoic acid, 1574.  
**C<sub>11</sub>H<sub>20</sub>N<sub>2</sub>Cl<sub>2</sub>** β-*p*-Aminophenylethyltrimethylammonium chloride hydrochloride, 873.  
**C<sub>11</sub>H<sub>21</sub>ON<sub>3</sub>** *l*-isoCarvomenthone semicarbazone, 1143.  
**C<sub>11</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** *a*-Methyl-δ-isopropyl pimelidiamide, 316.  
**C<sub>11</sub>H<sub>25</sub>ClPb** Methyl-di-*n*-amyl-lead chloride, 43.

## 11 IV

- C<sub>11</sub>H<sub>9</sub>NSSe** 1-Thiol-*a*-naphthaselenazole, 1766.  
**C<sub>11</sub>H<sub>10</sub>ONBr** Bromo-6-methoxy-8-methylquinolines, 1422.  
**C<sub>11</sub>H<sub>10</sub>O<sub>2</sub>N<sub>3</sub>S** *p*-Tolueneazothio-barbituric acid, 469.  
**C<sub>11</sub>H<sub>10</sub>O<sub>2</sub>N<sub>3</sub>Br<sub>3</sub>** Ethyl *a*-bromoglyoxylate dibromonitrotolylhydrazones, 118.  
**C<sub>11</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>Br<sub>2</sub>** Ethyl *a*-bromoglyoxylate bromonitrotolylhydrazones, 118.  
**C<sub>11</sub>H<sub>12</sub>ON<sub>2</sub>S** 4(5)-β-Phenoxyethyl-2-thioglyoxaline, 491.  
**C<sub>11</sub>H<sub>12</sub>O<sub>3</sub>NBr** Aceto-6-bromo-β-piperonyl ethylamide, 667.  
**C<sub>11</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>Br** Ethyl *a*-bromoglyoxylate nitrotolylhydrazones, 118.  
**C<sub>11</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>Br<sub>2</sub>** Ethyl *a*-aminoglyoxylate 4:6-dibromo-5-nitro-*o*-tolylhydrazone, 118.  
**C<sub>11</sub>H<sub>13</sub>O<sub>2</sub>NS** 1:5-Diethoxybenzthiazole, 1760.  
**C<sub>11</sub>H<sub>13</sub>O<sub>2</sub>N<sub>4</sub>Br** Ethyl *a*-aminoglyoxylate 4-bromo-5-nitro-*o*-tolylhydrazone, 118.  
**C<sub>11</sub>H<sub>14</sub>O<sub>2</sub>N<sub>3</sub>As** Hydroxydimethylallylarsonium picrate, 399.  
**C<sub>11</sub>H<sub>15</sub>O<sub>2</sub>NS** *p*-Phenethylthiourethane, 1760.  
**C<sub>11</sub>H<sub>16</sub>O<sub>6</sub>N<sub>3</sub>As** Hydroxydimethyl-*n*-propylarsonium picrate, 397.  
 Hydroxymethyl diethylarsonium picrate, 397.  
**C<sub>11</sub>H<sub>19</sub>NBrAu** Pyridinodi-*n*-propylbromogold, 223.  
**C<sub>11</sub>H<sub>20</sub>O<sub>2</sub>NI** Acetylretroncanol methiodide, 14.

C<sub>12</sub> Group.

- C<sub>12</sub>H<sub>14</sub> ζ-Phenyl-Δ<sup>αγ</sup>-hexadecene, 433.  
 C<sub>12</sub>H<sub>16</sub> 2:6- and 2:7-Dimethyl-1:2:3:4-tetrahydronaphthalenes, 81.  
 C<sub>12</sub>H<sub>18</sub> Di-Δ<sup>1:1</sup>-cyclohexene, 1106.
- 12 II
- C<sub>12</sub>H<sub>8</sub>O<sub>3</sub> 3'-Methyl-7:6-furocoumarin, 815.  
 C<sub>12</sub>H<sub>8</sub>O<sub>5</sub> 1-Naphthol-2:4-dicarboxylic acid, 1062.  
 C<sub>12</sub>H<sub>10</sub>O<sub>4</sub> 7-Acetonvloxycoumarin, 815.  
 C<sub>12</sub>H<sub>10</sub>O<sub>5</sub> 8-Hydroxy-7-acetonyloxycoumarin, 816.  
 C<sub>12</sub>H<sub>10</sub>I<sub>2</sub> Diphenyliodonium iodide, decomposition of, 596.  
 C<sub>12</sub>H<sub>12</sub>O Tetrahydrodiphenylene oxide, 1133.  
 C<sub>12</sub>H<sub>12</sub>O<sub>4</sub> α-Benzyl-γ-butyrolactone-α-carboxylic acid, 724.  
 C<sub>12</sub>H<sub>13</sub>N 3:6-Dimethyl-2-naphthylamine, and its hydrochloride, 79.  
 C<sub>12</sub>H<sub>14</sub>O Cinnamyl isopropenyl ether, 1364.  
 C<sub>12</sub>H<sub>14</sub>O<sub>3</sub> O-Methylallylresacetophenones, 630.  
 β-Phenoxyethyl α-methylacrylate, 716.  
 C<sub>12</sub>H<sub>14</sub>O<sub>4</sub> γ-Anisoylbutyric acid, 856.  
 Benzyl α-acetoxypropionate, 404.  
 Methyl α-benzoyloxyisobutyrate, 716.  
 C<sub>12</sub>H<sub>14</sub>O<sub>5</sub> 2-Acetoxy-4-(β-hydroxyethoxy)acetophenone, 1099.  
 Ethyl 2-aldehydomethoxyphenoxyacetates, 994.  
 C<sub>12</sub>H<sub>14</sub>O<sub>6</sub> 2:4:5-Trimethoxyphenylpyruvic acid, 1373.  
 C<sub>12</sub>H<sub>16</sub>O 2:6- and 2:7-Dimethyl-1:2:3:4-tetrahydronaphthols, 82.  
 ζ-Phenyl-Δ<sup>α</sup>-hexen-δ-ol, 432.  
 ζ-Phenyl-Δ<sup>α</sup>-hexen-γ-ol, 433.  
 m-Propylpropiophenone, 308.  
 β-Tetrahydro-1-naphthylethyl alcohol, 1531.  
 C<sub>12</sub>H<sub>16</sub>O<sub>2</sub> 3:4-Diethylphenyl acetate, 302.  
 2-Ethoxy-2-methylchroman, 647.  
 2-Hydroxy-4:5-diethylacetophenone, 302.  
 γ-m-Methoxyphenylpropyl methyl ketone, 1538.  
 C<sub>12</sub>H<sub>16</sub>O<sub>3</sub> Ethyl β-m-methoxyphenylpropionate, 435.  
 Δ<sup>1</sup>-Menthen-2-ol-3-glyoxylolactone, 316.  
 Tetrahydrotubaic aldehyde, 1372.  
 C<sub>12</sub>H<sub>16</sub>O<sub>4</sub> Methyl β-3:4-dimethoxyphenylpropionate, 1414.  
 β-Phenoxyethyl α-hydroxyisobutyrate, 715.  
 C<sub>12</sub>H<sub>16</sub>O<sub>7</sub> Methyl cyclohexanonetricarboxylate, 194.  
 C<sub>12</sub>H<sub>16</sub>N<sub>2</sub> Octahydrophenazine, 740.  
 C<sub>12</sub>H<sub>18</sub>O 3:4-Diethylphenetole, 303.  
 C<sub>12</sub>H<sub>18</sub>O<sub>3</sub> 1-Keto-6-methyldecalin-4-carboxylic acid, 478.  
 C<sub>12</sub>H<sub>16</sub>O<sub>4</sub> 2:4-Di-β-hydroxyethoxyethyl benzene, 1099.  
 Ethyl 2:2:5-trimethylcyclopentanone-5-glyoxylate, 454.  
 C<sub>12</sub>H<sub>19</sub>N p-Amino-tert.-hexylbenzene, and its salts, 1281.  
 β-p-Aminophenyl-βγ-dimethylbutane, 1282.  
 tert.-Hexylaniline, and its picrate, 1281.  
 C<sub>12</sub>H<sub>20</sub>O<sub>5</sub> α-Keto-ξ-methyl-γ-isopropylsuberic acid, and its silver salt, 316.  
 C<sub>12</sub>H<sub>20</sub>O<sub>7</sub> Acetylacetone α-methylgalactoside, 689.  
 Acetylacetone α-methylguloside, 688.  
 C<sub>12</sub>H<sub>22</sub>O<sub>5</sub> 4:6-Dimethyl α-methylmannopyranoside 2:3-acetone, 1015.  
 C<sub>12</sub>H<sub>22</sub>O<sub>11</sub> Sucrose, compound of, with potassium hydroxide, 648.  
 C<sub>12</sub>H<sub>24</sub>O<sub>3</sub> Lauric acid, potassium salt, densities of aqueous solutions of, 626.  
 C<sub>12</sub>H<sub>26</sub>Hg Di-n-hexylmercury, 40.  
 C<sub>12</sub>H<sub>28</sub>Pb Dimethyl-di-n-amyl-lead, 42.  
 Diethyl-di-n-butyl-lead, 42.
- 12 III
- C<sub>12</sub>H<sub>6</sub>O<sub>4</sub>N<sub>2</sub> 3-Nitronaphthalimide, 497.  
 C<sub>12</sub>H<sub>6</sub>O<sub>2</sub>N<sub>2</sub> Furfuryl 3:5-dinitrobenzoate, 289.  
 C<sub>12</sub>H<sub>6</sub>O<sub>7</sub>N<sub>4</sub> 4:2':4'-Trinitro-2-aminodiphenylamine, 200.  
 C<sub>12</sub>H<sub>6</sub>O<sub>4</sub>N<sub>3</sub> 2:3'-Dinitrodiphenylamine, 187.  
 C<sub>12</sub>H<sub>6</sub>O<sub>5</sub>N<sub>3</sub> 2':4'-Dinitro-2- and -4-aminodiphenyl ethers, 199.  
 C<sub>12</sub>H<sub>10</sub>O<sub>5</sub>N<sub>4</sub> 2':4'-Dinitro-2:4-diaminodiphenyl ether, 198.  
 C<sub>12</sub>H<sub>10</sub>S<sub>2</sub>Pd Palladium diphenylmercaptide, 1562.  
 C<sub>12</sub>H<sub>11</sub>O<sub>2</sub>N 2-Phenyl-4-isopropylideneoxazolone, 534.  
 C<sub>12</sub>H<sub>11</sub>O<sub>4</sub>Cl 5-o-Chlorophenyldihydroresorcinol, 539.  
 C<sub>12</sub>H<sub>13</sub>ON<sub>3</sub> 2:3-Dimethylindenone semicarbazone, 1161.  
 C<sub>12</sub>H<sub>13</sub>O<sub>2</sub>N Ethyl l-(−)β-cyano-β-phenylpropionate, 1667.  
 C<sub>12</sub>H<sub>13</sub>O<sub>3</sub>N α-Benzamido-ββ-dimethylacrylic acid, 535.  
 C<sub>12</sub>H<sub>13</sub>O<sub>2</sub>N Methyl 4-methoxyphenoxyacetate 2-acetonitrile, 994.  
 C<sub>12</sub>H<sub>13</sub>O<sub>2</sub>N β-3-Nitro-4-ethoxybenzoylpropionic acid, 1093.  
 γ-3-Nitro-4-methoxybenzoylbutyric acid, 1093.  
 C<sub>12</sub>H<sub>14</sub>O<sub>2</sub>N<sub>4</sub> 1:3-Diallyl-7-methylxanthine, 1366.  
 2:6-Diallyloxy-7-methylpurine, 1366.  
 C<sub>12</sub>H<sub>14</sub>O<sub>3</sub>Br<sub>3</sub> Ethyl αβ-dibromo-β-3-methoxyphenylpropionate, 1603.

- $C_{12}H_{16}ON_3$  5-Methyl- $\alpha$ -tetralone semicarbazone, 999.  
 $C_{12}H_{15}O_2N$  Acetoacet-*p*-phenetidine, 113.  
 $C_{13}H_{15}O_3N_3$   $\omega$ -Acetoxy-*o*-methylacetophenone semicarbazone, 1000.  
 Dimethylpyruvic acid phenylsemicarbazone, 525.  
 $C_{13}H_{15}O_4N$   $\beta$ -3-Amino-4-ethoxybenzoylpropionic acid, 1093.  
 $\gamma$ -3-Amino-4-methoxybenzoylbutyric acid, 1093.  
*n*-Amyl *p*-nitrobenzoate, 289.  
 $C_{12}H_{16}ON_2$   $\beta$ -Aminocrotonoxylidides, 113.  
 $C_{12}H_{18}O_2N_2$   $\beta$ -*p*-Aminocrotono-*p*-phenetidine, 113.  
 $C_{12}H_{16}O_2N_2$  *p*-Nitrobenzoyl- $\alpha$ -methylisobutylamine, 414.  
 $C_{12}H_{17}OCl$  *p*-Chlorophenyl *n*-hexyl ether, 1834.  
 $C_{12}H_{17}O_2N$   $\beta$ -Benzoyloxy- $\alpha$ -methylisobutylamines, 416.  
 Benzoylvalinol, 414.  
 $C_{12}H_{17}O_2N_3$  *m*-Methoxybenzylacetone semicarbazone, 433.  
 $C_{12}H_{17}O_3N$  Ethyl  $\alpha$ -amino- $\gamma$ -phenoxybutyrate, hydrochloride of, 490.  
 $C_{12}H_{18}O_2N_4$  2:6-Dipropoxy-7-methylpurine, 1367.  
 $C_{12}H_{19}O_2N_3$  7-Methyl-[0:3:4-*bicyclo*]nonan-2-one-3:4-dicarboxylic acid, 479.  
 $C_{12}H_{20}N_4Au_4$  Diethyldicyanogold, 1028.  
 $C_{12}H_{20}IP$  Mesityltrimethylphosphonium iodide, 464.  
 $C_{12}H_{21}ON_3$  *trans*-3-Methyl- $\alpha$ -decalone semicarbazone, 1068.  
 $C_{12}H_{20}O_2N_2$  Nitrosoisopropylacetone, bimolecular, depolymerisation of, 30.  
 $C_{12}H_{26}O_2Hg$  Mercury di-*n*-hexylmercaptide, 1562.  
 $C_{12}H_{27}BrSn$  Tri-*n*-butyltin bromide, 41.  
 $C_{12}H_{27}ISn$  Tri-*n*-butyltin iodide, 41.  
 $C_{12}H_{26}N_4Au_2$  Ethylenediaminetetraethyldicyanodigold, 1029.

## 12 IV

- $C_{12}H_8O_2NCl$  2-Chloro-7-nitrodiphenylene oxide, 1133.  
 $C_{12}H_8O_3N_3S$  2:4:3'-Trinitrodiphenylsulphone, 538.  
 $C_{12}H_8ON_2Cl_2$  3:5-Dichlorobenzeneazophenols, 1006.  
 $C_{12}H_8ON_2S$  7-Thiol-9-hydroxy-2(or 3)-phenylpyrimidazine, 469.  
 $C_{12}H_8O_2N_2S$  2:4'-Dinitrodiphenyl sulphide, 185.  
 $C_{12}H_8O_2N_2Cl$  4-Chloro-2:4'-dinitro-2-aminodiphenyl ether, 200.  
 5-Chloro-2:4'-dinitro-2-hydroxydiphenylamine, 200.  
 $C_{12}H_8O_2N_2Br$  3-Bromo-1:6-dinitro-2-acetonaphthalide, 1596.  
 4-Bromo-2:4'-dinitro-2-aminodiphenyl ether, 199.  
 5-Bromo-2:4'-dinitro-2-hydroxydiphenylamine, 199.  
 $C_{12}H_8O_2N_2I$  4-Iodo-2:4'-dinitro-2-aminodiphenyl ether, 199.  
 5-Iodo-2:4'-dinitro-2-hydroxydiphenylamine, 199.  
 $C_{12}H_8NCIS$  3-Chlorothiodiphenylamine, 1264.  
 $C_{12}H_8O_3N_2Cl$  4-Chloro-2-nitroaceto-1-naphthalide, 1850.  
 $C_{12}H_8O_3N_2Br$  2-Bromo-4-nitroaceto-1-naphthalide, 1597, 1852.  
 3-Bromo-1-nitro-2-acetonaphthalide, 1595.  
 4-Bromo-2-nitroaceto-1-naphthalide, 1854.  
 $C_{12}H_8O_3N_2I$  2-Iodo-4-nitroaceto-1-naphthalide, 1853.  
 $C_{12}H_8O_3NS_2$  *o*-Nitrophenyl benzenethiolsulphonate, 898.  
 $C_{12}H_8O_4N_2S$  Dinitro-2'-aminodiphenyl sulphides, 185.  
 $C_{12}H_{10}ONBr$  3-Bromo-2-acetonaphthalide, 1595.  
 $C_{12}H_{10}O_3N_2Cl_2$  4-Hydroxy-3-carbethoxy-1-(3':5'-dichlorophenyl)pyrazole, 1008.  
 $C_{12}H_{10}O_3N_2Br_2$  4-Hydroxy-3-carbethoxy-1-(3':5'-dibromophenyl)pyrazole, 1008.  
 $C_{12}H_{10}O_3N_2Br_4$  Ethyl 3:5-dibromophenylazo- $\gamma\gamma'$ -dibromoacetoacetate, 1008.  
 $C_{12}H_{10}O_3N_2Br$  2-Bromo-3-nitro-4-acetamido-1-naphthylamine, 674.  
 $C_{12}H_{10}O_4N_2S$  2-Nitro-2'-aminodiphenylsulphone, 185.  
 2-*o*-Nitroanilinobenzenesulphinic acid, 186.  
 $C_{12}H_{10}O_4N_2Br$  2:4-Dinitrobenzylpyridinium bromide, 1843.  
 $C_{12}H_{11}ON_2Br$  2-Bromo-4-acetamido-1-naphthylamine, 674.  
 $C_{12}H_{11}O_3N_2Br_3$  Ethyl 3:5-dibromophenylazo- $\gamma$ -bromoacetoacetate, 1008.  
 Ethyl 3:4:5-tribromophenylazoacetoacetate, 1008.  
 $C_{12}H_{12}O_2N_2Cl_2$  Ethyl 3:5-dichlorophenylazoacetoacetate, 1007.  
 $C_{12}H_{12}O_3N_2Br_3$  Ethyl 3:5-dibromophenylazoacetoacetate, 1008.  
 $C_{12}H_{17}O_2NS$  2:6- and 2:7-Dimethyl-1:2:3:4-tetrahydro-6-sulphonamides, 82.  
 $C_{12}H_{22}O_2N_2Ni$  Nickel methyl-*n*-propylglyoximes, 623.  
 $C_{12}H_{28}Cl_2S_2Pd$  Bis(dipropylsulphide)palladium dichlorides, 1558.  
 $C_{12}H_{34}N_4Cl_4Pt$  Dichlorotetra(propylamino)platinic chloride, 1249.

## 12 V

- $C_{12}H_8O_6N_2Cl_2S$  2':5'-Dichloro-2:4-dinitrodiphenylsulphone, 538.  
 $C_{12}H_8O_6N_3ClS$  4'-Chloro-2:4:3'-trinitrodiphenylsulphone, 538.  
 $C_{12}H_8O_6N_3BrS$  4'-Bromo-2:4:3'-trinitrodiphenylsulphone, 538.  
 $C_{12}H_8O_6NBrS_2$  *o*-Nitrophenyl *p*-bromobenzenethiolsulphonate, 898.  
 $C_{12}H_8O_3N_2Cl_2Br$  5-Bromo-4-hydroxy-3-carbethoxy-1-(3':5'-dichlorophenyl)pyrazole, 1008.  
 $C_{12}H_8O_3N_2Cl_2Br_3$  Ethyl 3:5-dichloro-4-bromophenylazo- $\gamma\gamma'$ -dibromoacetoacetate, 1008.  
 $C_{12}H_{10}O_3N_2Cl_2Br_2$  Ethyl 3:5-dichlorophenylazo- $\gamma\gamma'$ -dibromoacetoacetate, 1008.

- $C_{12}H_{11}O_3N_2Cl_2Br$  Ethyl 3:5-dichloro-4-bromophenylazoacetate, 1008.  
Ethyl 3:5-dichlorophenylazo- $\gamma$ -bromoacetate, 1008.  
 $C_{12}H_{26}O_2N_2S_2Pd$  Bis(di-*n*-propyl sulphide)palladium dinitrite, 1559.  
 $C_{12}H_{30}O_4N_2As_2Pd$  Bis(triethylarsine)palladium dinitrite, 1561.  
 $C_{12}H_{40}N_4O_2Cl_2Pb$  Tetra(propylamino)platinous chloride dihydrate, 1248.

**C<sub>13</sub> Group.**

- $C_{13}H_{16}$   $\zeta$ -Phenyl- $\delta$ -methyl- $\Delta^{\alpha\gamma}$ -hexadiene, 433.

**13 II**

- $C_{13}H_{10}O_3$  4:3'-Dimethyl-7:6-furocoumarin, 815.  
 $C_{13}H_{10}O_4$  Homonaphthalic acid, 319.  
8-Methoxy-3'-methyl-7:6-furocoumarin, 816.  
 $C_{13}H_{16}O_5$  1-Methoxynaphthalene-2:4-dicarboxylic acid, 1062.  
 $C_{13}H_{10}N_2$  2-Methylphenazine, 741.  
 $C_{13}H_{11}N$  3:6-Dimethyl-2-naphthonitrile, 79.  
 $C_{13}H_{12}O_2$  3:6-Dimethyl-2-naphthoic acid, 79.  
 $C_{13}H_{12}O_3$  7-Allyloxy-4-methylcoumarin, 631.  
7-Hydroxy-4-methyl-8-allylcoumarin, 631.  
 $C_{13}H_{12}O_4$  7-Acetyloxy-4-methylcoumarin, 815.  
4-Methoxycinnamylideneacetic acid, and its sodium salt, 1053.  
 $C_{13}H_{12}O_5$  8-Methoxy-7-acetyloxy-4-methylcoumarin, 816.  
 $C_{13}H_{13}Br$   $\alpha$ -(4-Methyl-1-naphthyl)ethyl bromide, 444.  
 $C_{13}H_{14}O$  5-Ethylnerolin, 454.  
 $\alpha$ -(4-Methyl-1-naphthyl)ethyl alcohol, 444.  
 $C_{13}H_{14}O_2$  Ethyl  $\alpha$ -vinylcinnamate, 721.  
 $C_{13}H_{14}O_3$  1:2-*cyclo*Hexanolone benzoate, 1273.  
5-Methoxyphenyldihydroresorcinols, 540.  
 $C_{12}H_{14}O_6$   $\delta$ -Phenyl-*n*-butanetricarboxylic acids, 1360.  
 $C_{13}H_{14}N_2$  2-Methyltetrahydrophenazines, 741.  
 $C_{13}H_{16}O$   $\zeta$ -*m*-Methoxyphenyl- $\Delta^{\alpha\gamma}$ -hexadiene, 435.  
 $C_{13}H_{16}O_2$  Benzylidene-*cis*-1:2-*cyclo*hexanediol, 1270.  
2:6- and 2:7-Dimethyl-1:2:3:4-tetrahydronaphthoic acids, 81.  
Ethyl *iso*- $\alpha$ -benzylcrotonate, 725.  
Ethyl dihydro- $\alpha$ -vinylcinnamate, 721.  
5-Methyl-2-*isopropyl*cinnamic acid, 1030.  
 $C_{13}H_{16}O_3$  Allylresacetophenone dimethyl ethers, 631.  
1:2-*cyclo*Hexanediol benzoates, 1270.  
 $C_{13}H_{16}O_4$   $\beta$ -3-Methoxy-4-ethoxyphenyl- $\alpha$ -methylacrylic acid, 121.  
 $\gamma$ -Phenetoxybutyric acid, 856.  
 $C_{13}H_{16}O_6$   $\beta$ -(3:4:5-Trimethoxybenzoyl)propionic acid, 1580.  
 $C_{13}H_{18}O$   $\zeta$ -Phenyl- $\delta$ -methyl- $\Delta^{\alpha}$ -hexen- $\delta$ -ol, 432.  
 $C_{13}H_{18}O_2$   $\zeta$ -*m*-Methoxyphenyl- $\Delta^{\alpha}$ -hexen- $\gamma$ -ol, 435.  
 $C_{13}H_{18}O_3$   $\epsilon$ -*p*-Aminylhexoic acid, 1092.  
Ethyl *d*-(-)- $\beta$ -ethoxy- $\beta$ -phenylpropionate, 1665.  
 $C_{13}H_{18}O_4$   $\beta$ -3-Methoxy-4-ethoxyphenyl- $\alpha$ -methylpropionic acid, 121.  
 $C_{13}H_{20}O_2$   $\gamma$ -Keto- $\epsilon$ -teresanthalylhexoic acid, and its silver salt, 314.  
 $C_{13}H_{20}O_3$  Ethyl  $\Delta^1$ -*p*-menthen-3-one-4-carboxylate, 1585.  
 $C_{13}H_{20}O_5$  Ethyl 2:2-dimethyl-*cyclopentan*-1-one-4:5-dicarboxylate, 1128.  
 $C_{13}H_{20}O_6$  Methyl *n*-pentane- $\alpha\beta\gamma\epsilon$ -tetracarboxylate, 193.  
 $C_{13}H_{21}N$  *p*-Amino-*tert*-heptylbenzene, 1281.  
*tert*-Heptylaniline, and its picrate, 1282.  
 $C_{13}H_{22}O$  *s*-Dicyclopentylacetone, 983.  
 $C_{13}H_{22}O_6$   $\alpha$ -Methylmannofuranoside diacetone, 1018.  
Methylmannopyranoside diacetones, 1017.  
 $C_{13}H_{26}O$  2-*n*-Octyl-*cyclopentanol*, 1542.  
 $C_{13}H_{27}N$  (-)- $\beta$ -Octylpiperidine, 1081.  
 $C_{13}H_{30}Sn$  Methyltri-*n*-butyltin, 41.  
Tri-*n*-propyl-*n*-butyltin, 41.

**13 III**

- $C_{13}H_6N_2Br_5$   $\omega$ -Bromobenzaldehyde pentabromophenylhydrazone, 1007.  
 $C_{13}H_6O_3Br_3$  2:4:6-Tribromoresorcinol 3-benzoate, 948.  
 $C_{13}H_7O_2N_3$  2:7-Dinitrophenanthridone, 1407.  
 $C_{13}H_7O_2N_3$  3:6-Dinitronaphthalomethylimide, 499.  
 $C_{13}H_7NBr_2$  3:9-Dibromophenanthridine, 1407.  
 $C_{13}H_7N_2Br_3$   $\omega$ -Bromobenzaldehyde tetrabromophenylhydrazone, 1007.  
 $C_{13}H_8O_2N_2$  Phenazine-2-carboxylic acid, 741.  
 $C_{13}H_8O_2N_2$  Nitrophenanthridones, 1406.  
 $C_{13}H_8O_3Br_3$  4:6-Dibromoresorcinol 3-benzoate, 947.  
 $C_{13}H_8O_4N_2$  3-Nitronaphthalomethylimide, 497.  
 $C_{13}H_9N_2Br_3$  Benzaldehyde pentabromophenylhydrazidone, 1007.  
 $C_{13}H_9O_2N$  Hydroxyphenanthridones, 1408.

- $C_{13}H_9O_3N$  3-Hydroxynaphthalomethylimide, 498.  
 Nitrodiphenyl-4'-aldehydes, 114.  
 $C_{13}H_9O_3Br$  6-Bromoresorcinol 3-benzoate, 947.  
 $C_{13}H_9N_2Br_4$  Benzaldehyde tetrabromophenylhydrazidine, 1007.  
 $C_{13}H_{10}ON_2$  Aminophenanthridone, 1407.  
 $C_{13}H_{10}OCl_2$  Chlorophenyl chlorobenzyl ethers, 1839.  
 $C_{13}H_{10}O_2N_2$  3-Aminonaphthalomethylimide, 498.  
 3-Nitro-4-aminodiphenylmethane, 1873.  
 $C_{13}H_{10}O_3N_2$  3-Nitro-6-methylphenoxazine, 1313.  
 $C_{13}H_{10}O_4N_2$  Protocatechualdehyde 2:4-dinitrophenylhydrazone, 152.  
 $C_{13}H_{10}O_4N_4$  3:5-Dihydroxy-2-carboxyphenylacetylcarbinol dinitrophenylhydrazone, 1469.  
 $C_{13}H_{10}N_2Se$  1-Anilinobenzselenazole, and its picrate, 1764.  
 $C_{13}H_{11}OCl$  3:6-Dimethyl-2-naphthoyl chloride, 79.  
 $C_{13}H_{11}O_2N_3$  3:6-Diaminonaphthalomethylimide, 499.  
 $C_{13}H_{11}O_3N$  2-Aminoquinol 4-benzoate, 198.  
 $C_{13}H_{11}O_3N_3$  2':4'-Dinitro-2-hydroxy-*N*-methyldiphenylamine, 1313.  
 2':4'-Dinitro-2-methylaminodiphenyl ether, 1313.  
 $C_{13}H_{11}O_4N_3$  2':4'-Dinitro-2-amino-4-methoxydiphenyl ether, 199.  
 2':4'-Dinitro-2-hydroxy-5-methoxydiphenylamine, 199.  
 $C_{13}H_{12}O_2N_2$  Nitrobenzylaniline, rate of reaction of benzyl bromide with, 16.  
 $C_{13}H_{12}O_2S_2$  Phenyl *p*-toluenethiolsulphonate, 898.  
 $C_{13}H_{12}O_3N_2$  1-Methoxynaphthalene-2:4-dicarboxylamide, 1063.  
 $C_{13}H_{12}O_4N_2$  Nitro-4-acetamido-1-naphthyl methyl ethers, 673.  
 $C_{13}H_{13}OBr$   $\beta$ -6-Methoxy-1-naphthylethyl bromide, 452.  
 $C_{13}H_{13}O_6N_3$  3-Carbethoxy-4-hydroxy-1-nitrotolylpyrazoles, 119.  
 Ethyl nitrotolylazoacetates, 118.  
 $C_{13}H_{14}O_6N$   $\gamma$ -3-Nitro-4-ethoxybenzoylbutyric acid, 1093.  
 $\delta$ -3-Nitro-4-methoxybenzoylvaleric acid, 1093.  
 $C_{13}H_{17}O_4N$   $\gamma$ -3-Amino-4-ethoxybenzoylbutyric acid, 1093.  
 $\delta$ -3-Amino-4-methoxybenzoylvaleric acid, 1093.  
 $C_{13}H_{17}O_5N_3$  Ethyl 2-aldehydomethoxyphenoxyacetate semicarbazone, 994.  
 $C_{13}H_{19}ON_3$  *p-n*-Propylpropiophenone semicarbazone, 307.  
*m*-Propylpropiophenone semicarbazone, 308.  
 $C_{13}H_{19}OCl$  *p*-Chlorophenyl *n*-heptyl ether, 1834.  
 $C_{13}H_{19}O_2N_3$  2-Hydroxy-4:5-diethylacetophenone semicarbazone, 302.  
 $C_{13}H_{19}O_3N_3$  Tetrahydrotubaic aldehyde semicarbazone, 1372.  
 $C_{13}H_{21}O_3N_3$  1-Keto-6-methyldecalin-4-carboxylic acid semicarbazone, 478.

## 13 IV

- $C_{13}H_4O_2N_3Cl_5$  Nitrosocycloazipentachlorobenztriazone, 1007.  
 $C_{13}H_4O_2N_3Br_5$  Nitrosocycloazipentabromobenztriazone, 1007.  
 $C_{13}H_5O_2N_3Cl_6$  Chloronitrobenzaldehyde pentachlorophenylhydrazones, 1007.  
 $C_{13}H_5O_2N_3Br_6$  Nitrosocycloazitetrabromobenztriazone, 1007.  
 $C_{13}H_5O_2N_3Br_6$  Bromonitrobenzaldehyde pentabromophenylhydrazones, 1007.  
 $C_{13}H_5O_2N_3Br_6$  Bromonitrobenzaldehyde tetrabromophenylhydrazones, 1007.  
 $C_{13}H_7O_2N_3Cl_5$  Nitrobenzaldehyde pentachlorophenylhydrazidines, 1007.  
 $C_{13}H_7O_2N_3Br_5$  Nitrobenzaldehyde pentabromophenylhydrazidines, 1007.  
 $C_{13}H_7O_3N_3Cl$  Chloronitrophenanthridone, 1407.  
 $C_{13}H_7O_3N_3Br$  9-Bromodinitrofluorens, 1608.  
 $C_{13}H_7O_3NBr_2$  2:4-Dibromo-6-nitroresorcinol 3-benzoate, 948.  
 $C_{13}H_8ONBr$  3-Bromophenanthridone, 1407.  
 $C_{13}H_8O_2NCl$  3-Chloronaphthalomethylimide, 498.  
 $C_{13}H_8O_2NBr$  9-Bromo-2-nitrofluorene, 1608.  
 $C_{13}H_8O_2N_2Br_4$  Nitrobenzaldehyde tetrabromophenylhydrazidines, 1007.  
 $C_{13}H_8O_3N_2Br$  2-Bromo-5-nitrobenzophenone, 1238.  
 $C_{13}H_8O_3N_2Cl_2$  Dichloronitrobenzanilides, 1006.  
 $C_{13}H_8O_3N_2Br_2$  Dibromonitrobenzanilides, 1006.  
 $C_{13}H_9OCl_3S$  *S*-Diphenyl-2-oxyltrichloromethylthiol, 681.  
 $C_{13}H_9O_2N_3Cl$  *o*-Chlorobenzaldehyde 2:4-dinitrophenylhydrazone, 152.  
 $C_{13}H_{10}ON_2Se$  1-Acetamido- $\alpha$ -naphthaselenazole, 1766.  
 $C_{13}H_{10}OClBr$  Chlorophenyl bromobenzyl ethers, 1839.  
 $C_{13}H_{10}OClF$  Chlorophenyl fluorobenzyl ethers, 1839.  
 $C_{13}H_{10}OClAs$  10-Chloro-2-methylphenoxarsine, 1051.  
 $C_{13}H_{10}O_2Cl_2S_2$  2:5-Dichlorophenyl *p*-toluenethiolsulphonate, 898.  
 $C_{13}H_{10}O_3NCl$  Chlorophenyl nitrobenzyl ethers, 1839.  
 $C_{13}H_{10}O_3N_2Br$  *o*-Bromophenyl nitrobenzyl ethers, 1839.  
 $C_{13}H_{10}O_3N_2S$  2-Nitro-2'-formamidodiphenyl sulphide, 341.  
 $C_{13}H_{10}O_4N_2S$  5-Nitro-2-phenylbenzthiazoline *S*-dioxide, 1265.  
 $C_{13}H_{11}ON_2F$  Fluorodiphenylcarbamides, 1822.  
 $C_{13}H_{11}O_2N_2Cl$  3- and 4-Chloro-4'-nitrobenzylaniline, 18.  
 $C_{13}H_{11}O_2N_2Br$  5-Bromo-3-nitro-4-aminodiphenylmethane, 1875.  
 $C_{13}H_{11}O_2ClS_2$  *p*-Chlorophenyl *p*-toluenethiolsulphonate, 898.  
 $C_{13}H_{11}O_2BrS_2$  *p*-Bromophenyl *p*-toluenethiolsulphonate, 898.  
 $C_{13}H_{11}O_6N_3Cl_2$  5:5-Dichloro-3-carbethoxy-1-(4'-nitro-*o*-tolyl)-4-pyrazolone, 119.

- C<sub>13</sub>H<sub>11</sub>O<sub>5</sub>N<sub>3</sub>Br<sub>2</sub>** 3-Carboethoxy-4-hydroxy-1-dibromonitrotolylpyrazoles, 119.  
**C<sub>13</sub>H<sub>11</sub>O<sub>5</sub>N<sub>3</sub>Br<sub>1</sub>** Ethyl dibromonitrotolylazo- $\gamma\gamma$ -dibromoacetoacetates, 119.  
**C<sub>13</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>S** 2-*o*-Nitroanilinophenyl methyl sulphide, 187.  
 2-Nitro-2'-methylaminodiphenyl sulphide, 184.  
**C<sub>13</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>S** 4-Nitro-2-methanesulphonyldiphenylamine, 1265.  
**C<sub>13</sub>H<sub>12</sub>O<sub>3</sub>N<sub>2</sub>Cl** 5-Chloro-3-carboethoxy-4-hydroxy-1-nitrotolylpyrazoles, 119.  
**C<sub>13</sub>H<sub>12</sub>O<sub>3</sub>N<sub>2</sub>Br** 5-Bromo-3-carboethoxy-4-hydroxy-1-nitrotolylpyrazoles, 119.  
 3-Carboethoxy-4-hydroxy-1-bromonitrotolylpyrazoles, 119.  
**C<sub>13</sub>H<sub>12</sub>O<sub>5</sub>N<sub>2</sub>Br<sub>2</sub>** Ethyl bromonitrotolylazo- $\gamma\gamma$ -dibromoacetoacetates, 119.  
 Ethyl dibromonitrotolylazo- $\gamma$ -bromoacetoacetates, 118.  
**C<sub>13</sub>H<sub>13</sub>OCl<sub>4</sub>Fe** 1:2:3:4-Tetrahydroxanthylum ferrichloride, 1118.  
**C<sub>13</sub>H<sub>12</sub>O<sub>5</sub>N<sub>2</sub>Br<sub>2</sub>** Ethyl bromonitrotolylazo- $\gamma$ -bromoacetoacetates, 118.  
 Ethyl dibromonitrotolylazoacetoacetates, 118.  
 Ethyl nitrotolylazo- $\gamma\gamma$ -dibromoacetoacetates, 119.  
**C<sub>13</sub>H<sub>11</sub>O<sub>4</sub>NCl** Ethyl 6-methoxyphenoxyacetate 2-chloroacetonitrile, 995.  
**C<sub>13</sub>H<sub>11</sub>O<sub>5</sub>N<sub>2</sub>Br** Ethyl bromonitrotolylazoacetoacetates, 118.  
 Ethyl nitrotolylazo- $\gamma$ -bromoacetoacetates, 118.  
**C<sub>13</sub>H<sub>16</sub>O<sub>4</sub>NaS** *p*-Oxyarsinopimelanilic acid, 291.  
**C<sub>13</sub>H<sub>15</sub>O<sub>5</sub>NaS** *p*-Arsonopimelanilic acid, 291.  
**C<sub>13</sub>H<sub>15</sub>O<sub>5</sub>N<sub>2</sub>As** Pimelanilamide-*p*-arsonic acid, and its sodium salt, 291.  
**C<sub>13</sub>H<sub>15</sub>O<sub>7</sub>N<sub>3</sub>S** Diisopropyl sulphide picrate, 241.  
**C<sub>13</sub>H<sub>20</sub>O<sub>4</sub>NI** Diacetylretroecine methiodide, 14.

## 13 V

- C<sub>13</sub>H<sub>10</sub>O<sub>5</sub>N<sub>3</sub>ClBr<sub>2</sub>** 5-Chloro-3-carboethoxy-4-hydroxy-1-dibromonitrotolylpyrazoles, 120.  
**C<sub>13</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>ClS** 2-*p*-Chloro-*o*-nitroanilinophenyl methyl sulphide, 187.  
**C<sub>13</sub>H<sub>11</sub>O<sub>5</sub>N<sub>2</sub>ClBr** 5-Chloro-3-carboethoxy-4-hydroxy-1-bromonitrotolylpyrazoles, 120.  
**C<sub>13</sub>H<sub>16</sub>O<sub>3</sub>NCl<sub>2</sub>As** *p*-Dichloroarsinopimelanilic acid, 291.

C<sub>14</sub> Group.

- C<sub>14</sub>H<sub>10</sub>** Tolan, structure of, 855.  
**C<sub>13</sub>H<sub>14</sub>** 1-Ethylacennaphthene, 670.

## 14 II

- C<sub>14</sub>H<sub>10</sub>O<sub>2</sub>** 2:5-Dihydroxyphenanthrene, 1542.  
**C<sub>14</sub>H<sub>16</sub>N<sub>2</sub>** *o*-Benzylencbenzimidazole, 1806.  
**C<sub>14</sub>H<sub>17</sub>O** 2-Methyl-6:7-benzhyrindene, 1324.  
 2-Methyl-5:6-(1:2-naphtha)- $\gamma$ -pyran, 1542.  
**C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>** *m*-Benzyloxybenzaldehyde, 1540.  
**C<sub>14</sub>H<sub>13</sub>Cl**  $\beta$ -1-Acenaphthylethyl chloride, 669.  
**C<sub>14</sub>H<sub>13</sub>Br**  $\beta$ -1-Acenaphthylethyl bromide, 669.  
**C<sub>14</sub>H<sub>14</sub>O**  $\beta$ -1-Acenaphthylethyl alcohol, 669.  
**C<sub>14</sub>H<sub>14</sub>O<sub>2</sub>**  $\beta$ -2-Naphthyl- $\alpha$ -methylpropionic acid, 1324.  
**C<sub>13</sub>H<sub>14</sub>N<sub>2</sub>** *NN'*-Dimethyl-9:10-dihydrophenazine, 740.  
**C<sub>14</sub>H<sub>16</sub>O** 2- $\beta$ -Phenylethyl- $\Delta^2$ -cyclohexenone, 1571.  
**C<sub>14</sub>H<sub>16</sub>O<sub>3</sub>** Diallylresacetophenones, 632.  
 1:2:3:6-Tetrahydro-3:4:5:6-dicyclopentenophthalic anhydride, 1106.  
**C<sub>14</sub>H<sub>16</sub>O<sub>5</sub>** 4:6-Benzylidene 2:3-anhydro- $\alpha$ -methylalloside, 1196.  
 4:6-Benzylidene 2:3-anhydro- $\alpha$ -methylmannoside, 1198.  
**C<sub>14</sub>H<sub>16</sub>O<sub>6</sub>** 2-Acetoxy-4-( $\beta$ -acetoxyethoxy)acetophenone, 1099.  
 Methyl  $\alpha$ -carboethoxyethyl phthalate, 405.  
 $\delta$ -Phenyl- $\alpha$ -methyl-*n*-butane- $\alpha$ -*trans*- $\beta\gamma$ -tricarboxylic acid, 424.  
**C<sub>14</sub>H<sub>16</sub>N<sub>2</sub>** *NN'*-Dimethyl-2:3:9:10-tetrahydrophenazine, 740.  
**C<sub>14</sub>H<sub>18</sub>O<sub>4</sub>**  $\delta$ -Phenetylvaleric acid, 1093.  
**C<sub>14</sub>H<sub>16</sub>O<sub>5</sub>** Ethyl  $\beta$ -(3:4-dimethoxybenzoyl)propionate, 1579.  
 $\beta$ -Phenoxyethyl  $\alpha$ -acetoxyisobutyrate, 715.  
**C<sub>14</sub>H<sub>18</sub>O<sub>5</sub>** 4:6-Benzylidene  $\alpha$ -methylaltroside, 1199.  
**C<sub>14</sub>H<sub>19</sub>O<sub>3</sub>** Ethyl *trans*-3-methyl- $\Delta^2$ -octal-1-one-4-carboxylate, 1068.  
**C<sub>14</sub>H<sub>20</sub>O** 9-Keto- $\Delta^{10:11}$ -dodecahydrophenanthrene, 1287.  
**C<sub>14</sub>H<sub>20</sub>O<sub>2</sub>**  $\zeta$ -3-Methoxyphenyl- $\delta$ -methyl- $\Delta^{\alpha}$ -hexen- $\delta$ -ol, 433.  
**C<sub>14</sub>H<sub>20</sub>O<sub>3</sub>**  $\epsilon$ -*p*-Phenetylhexoic acid, 1093.  
**C<sub>14</sub>H<sub>20</sub>O<sub>3</sub>** Ethyl *bicyclo*[0:3:3]octan-1-one-2:3-dicarboxylate, 476.  
**C<sub>14</sub>H<sub>20</sub>O<sub>5</sub>** Methyl cyclohexane-1:2:4:5-tetracarboxylate, 193.  
**C<sub>14</sub>H<sub>21</sub>N** (-) $\beta$ -Piperidino- $\alpha$ -phenylpropane, 1083.  
**C<sub>14</sub>H<sub>22</sub>O** (-)Phenyl  $\beta$ -octyl ether, 1082.  
**C<sub>14</sub>H<sub>22</sub>O<sub>2</sub>** Methyl  $\gamma$ -teresantylpropionate, 314.  
**C<sub>14</sub>H<sub>22</sub>O<sub>3</sub>** Ethyl 1-keto-6-methyldecalin-4-carboxylate, 478.  
**C<sub>14</sub>H<sub>22</sub>O<sub>4</sub>** Ethyl dehydrohomoapofenchocamphorate, 1128.  
**C<sub>14</sub>H<sub>22</sub>O<sub>5</sub>** Ethyl *trans*-cyclopentane-1-carboxylate-2-acetoacetate, 1068.  
**C<sub>14</sub>H<sub>22</sub>S** (+)Phenyl  $\beta$ -octyl sulphide, 1082.  
**C<sub>14</sub>H<sub>23</sub>N** *sec.*-Octylaniline, 1282.  
**C<sub>14</sub>H<sub>24</sub>O**  $\beta$ - $\Delta^1$ -cyclohexenylethylcyclohexanol, 501.  
**C<sub>14</sub>H<sub>24</sub>O<sub>5</sub>** Methyl  $\alpha$ -keto- $\xi$ -methyl- $\gamma$ -isopropylsuberate, 316.  
**C<sub>14</sub>H<sub>24</sub>O<sub>6</sub>** Ethyl  $\gamma$ -methylbutane- $\alpha\alpha\gamma$ -tricarboxylate, 1128.

- $C_{14}H_{26}O_4$   $\alpha$ -*n*-Octyladipic acid, 1542.  
 $C_{14}H_{32}Pb$  Diethyl-di-*n*-amyl-lead, 42.  
 Di-*n*-propyl-di-*n*-butyl-lead, 42.  
 $C_{14}H_{32}Sn$  Ethyltri-*n*-butyltin, 41.

## 14 III

- $C_{14}H_9O_3N_3$  2'-Nitro-3-phenylphthalaz-1-one, 1806.  
 $C_{14}H_9O_3N_3$  1:4-Diketo-3-(4'-nitrophenyl)tetrahydrophthalazine, and its silver salt, 1811.  
 Phthalylnitrophenylhydrazide, 1811.  
 $C_{14}H_9N_2Cl$  5-Chloro-*o*-benzylencbenzimidazole, 1806.  
 $C_{14}H_{10}O_2Br_2$  4:6-Dibromoanisyl 3-benzoate, 948.  
 $C_{14}H_{10}O_2N_2$  2:4-Dinitro-2'-methylidiphenyl-6-carboxylic acid, compounds of, with benzene, 1858.  
 $C_{14}H_{10}NBr$  3-Bromo-9-methylphenanthridine, 1407.  
 $C_{14}H_{11}O_2N$  Methoxyphenanthridones, 1408.  
 $C_{14}H_{11}O_2Cl$  *o*-Chlorobenzoin, 225.  
 $C_{14}H_{11}O_3Cl$  Chlorobenzoyloxybenzoic acids, 1839.  
 $C_{14}H_{11}O_3Br$  Bromoanisyl 3-benzoates, 947.  
 Bromobenzoyloxybenzoic acids, 1839.  
 $C_{14}H_{11}O_3F$  Fluorobenzoyloxybenzoic acids, 1839.  
 $C_{14}H_{11}O_4N$  2-Nitro-5-benzoyloxybenzaldehyde, 1266.  
 $C_{14}H_{11}O_5N_3$  *o*-Carboxybenzotriphenylhydrazides, 1811.  
 $C_{14}H_{11}O_5N_2$  2':4'-Dinitro-2-acetamidodiphenyl ether, 1311.  
 $C_{14}H_{11}N_2Br_3$   $\alpha$ -Bromobenzaldehyde 4:6-dibromo-*m*-tolylhydrazone, 1621.  
 $C_{14}H_{12}O_3N_2$  Nitrobenzo-*m*-toluidides, 1620.  
 $C_{14}H_{12}O_4N_4$  Vanillin 2:4-dinitrophenylhydrazone, 152.  
 $C_{14}H_{12}N_2Br_2$  Benzaldehyde 4:6-dibromo-*m*-tolylhydrazone, 1620.  
 $C_{14}H_{12}N_2Se$  1-Phenylmethylaminobenzselenazole, picrate of, 1764.  
 $C_{14}H_{13}OCl$  Chlorophenyl methylbenzyl ethers, 1839.  
 $C_{14}H_{13}OBr$  *p*-Bromophenyl *p*-methylbenzyl ether, 1839.  
 $C_{14}H_{13}OAs$  2:10-Dimethylphenoxarsine, 1052.  
 $C_{14}H_{13}O_3N$  2-Nitro-5-benzoyloxytoluene, 1266.  
 $C_{14}H_{13}N_2Br$  Benzaldehyde 6-bromo-*m*-tolylhydrazone, 1620.  
 $C_{14}H_{14}O_2S_2$  Benzyl *p*-toluenethiolsulphonate, 898.  
 $C_{14}H_{14}O_2N_2$  *dl*-1-Methylcyclohexan-1-ol-2-one 3:5-dinitrobenzoate, 1272.  
 $C_{14}H_{15}O_2I$  Diphenyliodol acetate, 1676.  
 $C_{14}H_{15}O_2N$  1-Methyl- $\Delta^2$ -cyclopentenyl-1-carbinyl *p*-nitrobenzoate, 1536.  
 $C_{14}H_{15}O_3N$  *dl*-1-Methylcyclohexan-1-ol-2-one *p*-nitrobenzoate, 1272.  
 $C_{14}H_{15}O_3N_3$  1-Ethyl 2-methyl diketosuccinate nitrotolylhydrazones, 120.  
 $C_{14}H_{17}ON$  2- $\beta$ -Phenylethyl- $\Delta^2$ -cyclohexenoneoxime, 1571.  
 $C_{14}H_{17}O_2N_3$  *p*-*iso*Propylbenzaldehyde *p*-nitrophenylhydrazone, 1848.  
 $C_{14}H_{17}O_2N$   $\delta$ -3-Nitro-4-ethoxybenzoylvaleric acid, 1093.  
 $C_{14}H_{18}O_2N_2$  Ethyl  $\beta$ -acetamidophenylaminocrotonates, 1569.  
 $C_{14}H_{19}ON$  *cyclo*Pentanepropionanilide, 1069.  
 $C_{14}H_{19}O_2Cl$  2-Methoxy-4:5-diethyl- $\beta$ -chloropropiophenone, 303.  
 $C_{14}H_{19}O_2N$   $\delta$ -3-Amino-4-ethoxybenzoylvaleric acid, 1093.  
 Dimethylcyclohexylidene-1-cyanoacetate-2- $\beta$ -propionate, 1067.  
 $C_{14}H_{19}O_11N$  Tetra-acetylglucosidyl nitrite, 1023.  
 $C_{14}H_{20}ON_2$   $\beta$ -*cyclo*Pentylpropionic acid hydrazide, 984.  
 $C_{14}H_{20}N_2Br$  8-Diethylaminomethylquinoline hydrobromide, 1144.  
 $C_{14}H_{21}ON$  *p*-Acetamido-*tert*-hexylbenzene, 1281.  
 $\beta$ -*p*-Acetamidophenyl- $\beta$ -dimethylbutane, 1282.  
 $C_{14}H_{21}ON_3$  *s*-Dicyclopentylacetone semicarbazone, 983.  
 $C_{14}H_{21}O_2N_3$  2-Methoxy-4:5-diethylacetophenone semicarbazone, 303.  
 $C_{14}H_{21}O_3N_3$  2-Hydroxy-4-methoxy-3-*iso*amylbenzaldehyde semicarbazone, 1372.  
 $C_{14}H_{21}O_2N$  Dimethyl *cyclo*hexan-1-cyanoacetate-2- $\beta$ -propionate, 1067.  
 $C_{14}H_{21}O_2I$  1-Iodoacetyl acetone-glucose, 1024.  
 $C_{14}H_{22}O_5N_2$   $\alpha$ - and  $\beta$ -Dinitroketones, from caryophyllene nitrosite, 1583.  
 $C_{14}H_{22}O_6N_2$  4:6-Dimethylmannonic phenylhydrazide, 1016.  
 $C_{14}H_{23}O_2N$  Ethyl 1-keto-6-methyldecalin-6-carboxylate oxime, 479.  
 $C_{14}H_{25}ON_3$  *s*-Dicyclopentylacetone semicarbazone, 983.  
 $C_{14}H_{25}O_2N$  Ethyl piperidylacetate- $\alpha$ -propionates, 1744.  
 $C_{14}H_{27}ON_3$  2-*n*-Octylcyclopentanone semicarbazone, 1542.  
 $C_{14}H_{27}O_2N$  *l*-*iso*Carvomenthylamine hydrogen *d*-tartrate, 1143.  
 $C_{14}H_{30}S_2Hg$  Mercury di-*n*-heptylmercaptide, 1562.

## 14 IV

- $C_{14}H_7ON_2Cl$  5-Chloro-*o*-benzoylencbenzimidazole, 1806.  
 $C_{14}H_7O_4N_3Cl_2$  1:4-Diketo-3-(2':6'-dichloro-4'-nitrophenyl)tetrahydrophthalazine, 1814.  
 Phthalyl-2':6'-dichloro-4'-nitrophenylhydrazide, 1814.  
 $C_{14}H_7O_4N_3Br_2$  1:4-Diketo-3-(2':6'-dibromo-4'-nitrophenyl)tetrahydrophthalazine, 1814.  
 Phthalyl-2':6'-dibromo-4'-nitrophenylhydrazide, 1814.  
 $C_{14}H_8ON_2Br_2$  3:5-Di-*p*-bromophenyl-1:2:4-oxadiazole, 5.  
 $C_{14}H_8O_3N_3Cl$  4'-Chloro-2'-nitro-3-phenylphthalaz-1-one, 1806.  
 $C_{14}H_8O_3N_3Br$  2'-Bromo-4'-nitro-3-phenylphthalaz-1-one, 1137.



- $C_{11}H_8O_2N_3Cl$  1:4-Diketo-3-(2'-chloro-4'-nitrophenyl)tetrahydrophthalazine, 1813.  
 Phthalyl-2'-chloro-4'-nitrophenylhydrazide, 1813.  
 $C_{11}H_8O_2N_3Br$  1:4-Diketo-3-(2'-bromo-4'-nitrophenyl)tetrahydrophthalazine, 1813.  
 Phthalyl-2'-bromo-4'-nitrophenylhydrazide, 1813.  
 $C_{11}H_9O_2N_2Cl$  5-Chloro-2-phenylbenzimidazole-*o*-carboxylic acid, 1806.  
 $C_{11}H_9O_2N_3Br_3$  3-Keto-1:2-*endo*-4:6'-dibromo-*m*-tolylimino-1:2-dihydro-1:2-benzisodiazole 1-oxide, 1621.  
 $C_{11}H_9O_2N_3Cl_2$  *o*-Carboxybenzo-2':6'-dichloro-4'-nitrophenylhydrazide, 1814.  
 $C_{11}H_9O_2N_3Br_2$  *o*-Carboxybenzo-2':6'-dibromo-4'-nitrophenylhydrazide, 1814.  
 $C_{11}H_{10}ONCl$  9-Chloromethoxyphenanthridines, 1408.  
 $C_{11}H_{10}ON_2Cl$  4'-Chloro-2'-amino-3-phenylphthalaz-1-one, 1805.  
 $C_{11}H_{10}ON_2Br$  2'-Bromo-4'-amino-3-phenylphthalaz-1-one, 1136.  
 $C_{11}H_{10}O_2N_3Br_3$   $\alpha$ -Bromonitrobenzaldehyde 4:6-dibromo-*m*-tolylhydrazones, 1620.  
 $C_{11}H_{10}O_3N_2Br_2$  Nitrobenzodibromo-*m*-toluidides, 1620.  
 $C_{11}H_{10}O_3N_2S$  3-Nitro-*N*-acetylthiodiphenylamine, 1264.  
 $C_{11}H_{10}O_3N_2Cl$  *o*-Carboxy-2'-chloro-4'-nitrophenylhydrazide, 1813.  
 $C_{11}H_{10}O_5N_3Br$  *o*-Carboxybenzo-2'-bromo-4'-nitrophenylhydrazide, 1813.  
 $C_{11}H_{10}O_3N_2Cl$  4-Chloro-2':4'-dinitro-2-acetamidodiphenyl ether, 1312.  
 5-Chloro-2':4'-dinitro-2-hydroxydiphenylamine acetate, 1312.  
 $C_{11}H_{10}O_3N_3Br$  4-Bromo-2':4'-dinitro-2-acetamidodiphenyl ether, 1312.  
 5-Bromo-2':4'-dinitro-2-hydroxydiphenylamine acetate, 1311.  
 $C_{11}H_{10}O_3N_2I$  5-Iodo-2':4'-dinitro-2-hydroxydiphenylamine acetate, 1311.  
 $C_{11}H_{10}O_7N_4S$  2-Acetamidophenyl picryl sulphide, 342.  
 $C_{11}H_{11}ONBr_2$  Benzo-4:6-dibromo-*m*-toluidide, 1620.  
 $C_{11}H_{11}ON_2Br$  2'-Bromo-4'-amino-*N*-phenylphthalimidine, 1136.  
 $C_{11}H_{11}O_2NCu$  Copper benzoinoxime, 821.  
 $C_{11}H_{11}O_2N_3Br_2$  Nitrobenzaldehyde 4:6-dibromo-*m*-tolylhydrazones, 1620.  
 $C_{11}H_{11}O_3N_2Br$  Benzobromo-*m*-toluidides, 1620.  
 $C_{11}H_{11}O_3NS$  Carboxynitrophenyl 4-hydroxy-*m*-tolyl sulphides, 1237.  
 4-Carboxy-2-nitrophenyl *p*-tolyl ether, 1238.  
 $C_{11}H_{11}O_5N_2S$  Dinitro-2'-acetamidodiphenyl sulphides, 185.  
 $C_{11}H_{11}O_5NS$  Carboxynitrophenyl-4-hydroxy-*m*-tolylsulphonates, 1237.  
 $C_{11}H_{11}O_7N_4S$  2:4'-Dinitro-2'-acetamidodiphenylsulphone, 186.  
 $C_{11}H_{12}O_2N_3Br$  Nitrobenzaldehyde 6-bromo-*m*-tolylhydrazones, 1620.  
 $C_{11}H_{12}O_2N_3Br_2$  Nitrobenzyl-4:6-dibromo-*m*-tolylhydrazidines, 1621.  
 $C_{11}H_{12}O_3N_2S$  2-Aceto-*o*-nitroanilidophenyl mercaptan, 187.  
 2-Nitro-2'-acetamidodiphenyl sulphide, 184.  
 $C_{11}H_{12}O_2I_2S$  Di-*p*-iodobenzyl sulphite, 1818.  
 $C_{11}H_{12}O_2N_2S$  5-Nitro-2-phenyl-1-methylbenzthiazoline *S*-dioxide, 1265.  
 $C_{11}H_{12}O_2N_2Cu$  Copper disalicylaldoxime, 733.  
 $C_{11}H_{12}O_4N_2Pt$  Disalicylaldoximeplatinum, 461.  
 $C_{11}H_{13}O_2N_2S$  2-Nitro-2'-acetamidodiphenylsulphone, 185.  
 $C_{11}H_{13}ONCl$  *dl*-*iso*Di-*o*-chlorophenylhydroxyethylamine, 1123.  
 $C_{11}H_{13}O_2NS_2$  *p*-Nitrobenzyl *p*-toluenethiolsulphonate, 898.  
 $C_{11}H_{14}N_2Cl_2Pt$  Dichlorostilbenediaminoplatinum, 846.  
 $C_{12}H_{18}O_2NAs$  *p*-Oxyarsinosuberanic acid, 292.  
 $C_{12}H_{20}O_2NBr$  Ethyl pyridinium-1-acetate-2- $\beta$ -propionate bromide, 1744.  
 $C_{12}H_{20}O_2NAs$  *p*-Arsonosuberanic acid, and its sodium salt, 292.  
 Methyl *p*-arsonopimelanilate, and its sodium salt, 291.  
 $C_{12}H_{21}O_5N_2As$  Pimclanilomethylamide-*p*-arsonic acid, and its salts, 291.  
 Suberanilamide -*p*-arsonic acid, and its sodium salt, 292.  
 $C_{14}H_{24}O_2N_2Ni$  Nickel methyl-*n*-butylglyoximes, 623.  
 $C_{14}H_{28}N_2S_2Ni$  Nickel *NN*-di-*n*-propyldithiocarbamate, 624.  
 $C_{14}H_{36}N_2Br_2Au_2$  Ethylenediaminotetra-*n*-propyldibromodigold, 222.

## 14 V

- $C_{14}H_{11}O_2N_2IS$  2-*o*-Nitrophenyl-1-methylbenzthiazolium iodide, 187.  
 $C_{14}H_{11}O_2N_2ClS$  4-Chloro-2-nitro-2'-acetamidodiphenylsulphone, 185.  
 $C_{14}H_{14}O_2NIS$  2-Iodo-*p*-toluenesulphon-*p*-toluidide, 1596.  
 $C_{14}H_{14}O_2N_2Cl_2Pt$  Disalicylaldoximinoplatinous chloride, 461.  
 $C_{14}H_{18}O_3NCl_2As$  *p*-Dichloroarsinosuberanic acid, 292.

C<sub>15</sub> Group.

- $C_{15}H_{24}$  1:2:4-Tripropylbenzene, 307.  
 $C_{15}H_{10}O_3$  Diphenyl triketone, catalytic hydrogenation of, 83.  
 $C_{15}H_{11}Cl$  9-Chloromethylphenanthrene, 1323.  
 $C_{15}H_{15}O_2$  Dibenzoylcarbinol, 84.  
*o*-Hydroxydibenzoylmethane, 869.  
 $C_{15}H_{12}O_6$  Cyanomaclurin, constitution of, 752.  
 Methylnapthazarin diacetate, 333.  
 $C_{15}H_{13}N$  2-Phenyl-6-methylindole, and its picrate, 1210.  
 $C_{15}H_{14}O$  2'-Methyldeoxybenzoin, 1125.  
 $C_{15}H_{14}O_2$  *o*'-Methylbenzoin, 225.

- C<sub>15</sub>H<sub>11</sub>O<sub>3</sub>** *m*-Benzyloxyphenylacetic acid, 1541.  
 2-Hydroxy-5-benzyloxyacetophenone, 869.  
 Methylbenzyloxybenzoic acids, 1840.  
*p*-*β*-Phenylethoxybenzoic acid, 1834.  
*r*-Phenyl-*p*-tolylglycollic acid, resolution of, 153.  
**C<sub>15</sub>H<sub>11</sub>O<sub>4</sub>** *r*-4-Methoxybenzilic acid, 153.  
 Methyl-2-naphthylmethylmalonic acid, 1324.  
**C<sub>15</sub>H<sub>16</sub>S<sub>2</sub>** *αγ*-Bis(phenylthio)propane, 1557.  
**C<sub>15</sub>H<sub>16</sub>O<sub>2</sub>** 1-Keto-7-methoxyhexahydrophenanthrene, 1291.  
**C<sub>15</sub>H<sub>16</sub>O<sub>3</sub>** Diphenylglycerol, 84.  
**C<sub>15</sub>H<sub>16</sub>O<sub>6</sub>** Picrotoxinin, constitution of, 997.  
**C<sub>15</sub>H<sub>16</sub>N<sub>2</sub>** Acetophenone tolylhydrazones, 1210.  
**C<sub>15</sub>H<sub>16</sub>S** (—)Phenyl *α*-phenyl-*β*-propyl sulphide, 1084.  
**C<sub>15</sub>H<sub>18</sub>O<sub>2</sub>** 6-*as*-Octahydrophenanthroic acid, 768.  
**C<sub>15</sub>H<sub>18</sub>O<sub>3</sub>** Ethyl *C*-cinnamylacetoacetate, 1364.  
 Ethyl *γ*-cinnamyloxycrotonate, 1364.  
*β*-*m*-Methoxyphenylethylcyclohexane-2:6-dione, 1290.  
 2-*O*-Methyl-4-*O*-allyl-5-allylresacetophenone, 632.  
**C<sub>15</sub>H<sub>18</sub>O<sub>4</sub>** Picrotic acid, constitution of, 997.  
**C<sub>15</sub>H<sub>18</sub>O<sub>6</sub>** Ethyl *β*-(3:4-dimethoxybenzoyl)-*β*-hydroxymethylencpropionate, 1579.  
**C<sub>15</sub>H<sub>18</sub>O<sub>7</sub>** Picrotin, constitution of, 997.  
**C<sub>15</sub>H<sub>20</sub>O<sub>4</sub>** Ethyl *β*-3-methoxy-4-ethoxyphenyl-*α*-methylacrylate, 121.  
 5-Keto-8-*m*-methoxyphenyloctioic acid, 1290.  
**C<sub>15</sub>H<sub>20</sub>O<sub>6</sub>** 4:6-Benzylidene methyl *α*-methylaltrosides, 1197.  
**C<sub>15</sub>H<sub>22</sub>O** *s*-Di-*Δ*<sup>1</sup>-cyclohexenylacetone, 983.  
 2:5-Dipropylpropionophenone, 307.  
*ε*-(2:2:6-Trimethyl-*Δ*<sup>6</sup>-cyclohexenyl)-*γ*-methylpent-*δ*-en-*α*-yn-*γ*-ol, 586.  
**C<sub>15</sub>H<sub>23</sub>Cl** *α*- and *β*-Santalyl chlorides, 313.  
**C<sub>15</sub>H<sub>24</sub>O** *α*- and *β*-Santalols, 309.  
*ε*-(2:2:6-Trimethyl-*Δ*<sup>6</sup>-cyclohexenyl)-*γ*-methyl-*Δ*<sup>8,8</sup>-pentadien-*α*-ol, 586.  
**C<sub>15</sub>H<sub>24</sub>O<sub>4</sub>** Clovenic acid, 1297.  
**C<sub>15</sub>H<sub>25</sub>N** (—)*N*-*β*-Octyl-*p*-toluidine, 1081.  
**C<sub>15</sub>H<sub>26</sub>O<sub>6</sub>** Ethyl *β*-methylpentane-*βδ**ε*-tricarboxylate, 1128.  
**C<sub>15</sub>H<sub>26</sub>N<sub>2</sub>** *β*-(Benzylethylamino)triethylamine, and its picrate, 1424.  
**C<sub>15</sub>H<sub>27</sub>N<sub>3</sub>** *β*-(*o*-Aminobenzylethylamino)triethylamine, and its picrate, 1424.  
**C<sub>15</sub>H<sub>29</sub>Br** *ε*-(2:2:6-Trimethylcyclohexyl)-*γ*-methyl-*n*-amyl bromide, 585.

## 15 III

- C<sub>15</sub>H<sub>10</sub>N<sub>2</sub>Cl<sub>4</sub>** *ωαβ*-Trichloro-*β*-phenylpropaldehyde 2:4:6-trichlorophenylhydrazone, 92.  
**C<sub>15</sub>H<sub>10</sub>N<sub>2</sub>Br<sub>6</sub>** *ωαβ*-Tribromo-*β*-phenylpropaldehyde 2:4:6-tribromophenylhydrazone, 91.  
**C<sub>15</sub>H<sub>11</sub>O<sub>3</sub>N** Acetoxyphenanthridones, 1408.  
**C<sub>15</sub>H<sub>11</sub>O<sub>3</sub>N<sub>3</sub>** 2'-Nitro-3-phenyl-4-methylphthalaz-1-one, 1807.  
**C<sub>15</sub>H<sub>11</sub>O<sub>3</sub>N<sub>3</sub>** 4-Keto-1-methoxy-3-(nitrophenyl)-3:4-dihydrophthalazines, 1812.  
 Phthalyl-4'-nitro-2'-methylphenylhydrazide, 1812.  
**C<sub>15</sub>H<sub>11</sub>O<sub>4</sub>Cl** Cyanidin chloride, 428.  
**C<sub>15</sub>H<sub>11</sub>N<sub>2</sub>Cl<sub>5</sub>** *ωαβ*-Trichloro-*β*-phenylpropaldehyde 2:4-dichlorophenylhydrazone, 92.  
**C<sub>15</sub>H<sub>11</sub>N<sub>2</sub>Br<sub>3</sub>** Cinnamaldehyde 2:4:6-tribromophenylhydrazone, 92.  
**C<sub>15</sub>H<sub>11</sub>N<sub>2</sub>Br<sub>5</sub>** *ωαβ*-Tribromo-*β*-phenylpropaldehyde 2:4-dibromophenylhydrazone, 91.  
**C<sub>15</sub>H<sub>12</sub>ON<sub>2</sub>** 3-Methyloximino-2-phenylindolone, 1210.  
 3-Nitroso-2-phenyl-1-methylindole, 1210.  
 3-Oximino-2-phenylmethylindoles, 1211.  
**C<sub>15</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** 4-Keto-1-methoxy-3-phenyl-3:4-dihydrophthalazine, 1815.  
**C<sub>15</sub>H<sub>12</sub>O<sub>3</sub>N<sub>2</sub>** 3-Acetamidonaphthalomethylimide, 498.  
**C<sub>15</sub>H<sub>12</sub>O<sub>3</sub>N<sub>2</sub>** *m*-Methoxybenzyl 3:5-dinitrobenzoate, 1123.  
**C<sub>15</sub>H<sub>12</sub>N<sub>2</sub>Br<sub>2</sub>** Cinnamaldehyde 2:4-dibromophenylhydrazone, 92.  
**C<sub>15</sub>H<sub>13</sub>ON<sub>3</sub>** 2'-Amino-3-phenyl-4-methylphthalaz-1-one, 1808.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>F** *β*-*p*-Fluorophenylethyl benzoate, 1821.  
**C<sub>15</sub>H<sub>13</sub>O<sub>3</sub>As** *dl*-10-Ethylphenoxarsine-2-carboxylic acid, resolution of, 1268.  
**C<sub>15</sub>H<sub>13</sub>O<sub>4</sub>N** *r*-*o*-Benzamidomandelic acid, 107.  
*m*-Ethylphenol *p*-nitrobenzoate, 302.  
 4'-Nitro-4-hydroxy-2-methyldeoxybenzoin, 1126.  
**C<sub>15</sub>H<sub>13</sub>O<sub>3</sub>N<sub>3</sub>** *o*-Carboxybenzo-4'-nitro-2'-methylphenylhydrazone, 1812.  
 3:5-Dinitro-4-acetamidodiphenylmethane, 1875.  
**C<sub>15</sub>H<sub>13</sub>O<sub>6</sub>B** Droserone boroacetate, 335.  
**C<sub>15</sub>H<sub>13</sub>OS<sub>2</sub>** *αα'*-Bis(phenylthio)acetone, 1557.  
**C<sub>15</sub>H<sub>14</sub>O<sub>2</sub>Br<sub>2</sub>** Trimethylene glycol bis-*p*-bromophenyl ether, 1835.  
**C<sub>15</sub>H<sub>14</sub>O<sub>3</sub>N<sub>2</sub>** 3-Nitro-4-acetamidodiphenylmethane, 1875.  
**C<sub>15</sub>H<sub>14</sub>O<sub>3</sub>S<sub>2</sub>** *α*-*p*-Carboxyphenylsulphonyl-*α*-phenylthioethanes, 19.  
**C<sub>15</sub>H<sub>14</sub>O<sub>4</sub>N<sub>4</sub>** Veratraldehyde 2:4-dinitrophenylhydrazone, 152.  
**C<sub>15</sub>H<sub>15</sub>ON** Phenacyl-*m*-toluidine, 1211.  
**C<sub>15</sub>H<sub>15</sub>ON<sub>3</sub>** 1-Keto-3-(2'-aminophenyl)-4-methyltetrahydrophthalazine, 1808.  
**C<sub>15</sub>H<sub>15</sub>O<sub>2</sub>N** *p*-Aminophenylethyl benzoate, 1821.  
**C<sub>15</sub>H<sub>15</sub>BrSe** Fluorenyl-9-dimethylselenonium bromide, 1611.  
**C<sub>15</sub>H<sub>16</sub>O<sub>6</sub>N<sub>2</sub>** *p*-*Δ*<sup>1</sup>-cyclohexenylethyl 3:5-dinitrobenzoate, 501.

- C<sub>15</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 5-Nitro-8-piperidinomethylquinoline, and its hydrobromide, 1424.  
**C<sub>15</sub>H<sub>17</sub>O<sub>2</sub>As** 2:10:10-Trimethylphenoxarsonium hydroxide, salts of, 1052.  
**C<sub>15</sub>H<sub>19</sub>ON<sub>3</sub>** 2-β-Phenylethyl-2'-cyclohexenone semicarbazone, 1571.  
**C<sub>15</sub>H<sub>19</sub>O<sub>5</sub>Br<sub>3</sub>** Tribromoacetyl acetone-glucose, 1024.  
**C<sub>15</sub>H<sub>19</sub>O<sub>5</sub>I<sub>3</sub>** Trisiodoacetyl acetone-glucose, 1024.  
**C<sub>15</sub>H<sub>20</sub>ON<sub>2</sub>** Anagyrine, and its salts, 10.  
**C<sub>15</sub>H<sub>20</sub>O<sub>2</sub>N<sub>4</sub>** 4-isoPropylcyclohexan-1-one 2:4-dinitrophenylhydrazone, 152.  
**C<sub>15</sub>H<sub>20</sub>O<sub>10</sub>Cl<sub>2</sub>** 4-Dichloroacetyl 2:3:6-triacetyl β-methylglucoside, 1181.  
**C<sub>15</sub>H<sub>21</sub>N<sub>3</sub>O<sub>2</sub>** Escrine, synthesis of, 755.  
**C<sub>15</sub>H<sub>23</sub>ON** *p*-Acetamido-*tert*-heptylbenzenc, 1281.  
**C<sub>15</sub>H<sub>25</sub>O<sub>2</sub>N<sub>3</sub>** β-(*o*-Nitrobenzylethylamino)triethylamine, and its picrate, 1424.  
**C<sub>15</sub>H<sub>25</sub>O<sub>3</sub>N<sub>3</sub>** Ethyl 1-keto-6-methyldecalin-4-carboxylate semicarbazone, 479.  
**C<sub>15</sub>H<sub>33</sub>OP** Tri-*n*-amylphosphine oxide, 1557.  
**C<sub>15</sub>H<sub>33</sub>BrSn** Tri-*n*-amyltin bromide, 41.  
**C<sub>15</sub>H<sub>33</sub>ISn** Tri-*n*-amyltin iodide, 41.

## 15 IV

- C<sub>15</sub>H<sub>9</sub>O<sub>4</sub>N<sub>2</sub>Cl<sub>2</sub>** 4-Keto-1-methoxy-3-(2':6'-dichloro-4'-nitrophenyl)-3:4-dihydrophthalazine, 1814.  
**C<sub>15</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>Cl** 4'-Chloro-2'-nitro-3-phenyl-4-methylphthalaz-1-one, 1807.  
**C<sub>15</sub>H<sub>10</sub>O<sub>3</sub>N<sub>3</sub>Br** Bromonitro-3-phenylmethylphthalazines, 1137.  
**C<sub>15</sub>H<sub>10</sub>O<sub>3</sub>N<sub>3</sub>Cl** 4-Keto-1-methoxy-3-(2'-chloro-4'-nitrophenyl)-3:4-dihydrophthalazine, 1813.  
**C<sub>15</sub>H<sub>10</sub>O<sub>3</sub>N<sub>3</sub>Br** 4-Keto-1-methoxy-3-(2'-bromo-4'-nitrophenyl)-3:4-dihydrophthalazine, 1813.  
**C<sub>15</sub>H<sub>11</sub>OCl<sub>2</sub>Fe** Flavylum ferrichloride, 86.  
**C<sub>15</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>Cl<sub>3</sub>** ωαβ-Trichloro-β-phenylpropaldehyde 2-chloro-4-nitrophenylhydrazone, 92.  
**C<sub>15</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>Br<sub>4</sub>** ωαβ-Tribromo-β-phenylpropaldehyde 2-bromo-4-nitrophenylhydrazonou, 92.  
**C<sub>15</sub>H<sub>12</sub>ON<sub>2</sub>Br<sub>2</sub>** *s*-Bis-4:6-dibromo-*m*-tolylurea, 1620.  
**C<sub>15</sub>H<sub>12</sub>ON<sub>3</sub>Cl** 4'-Chloro-2'-amino-3-phenyl-4-methylphthalaz-1-one, 1808.  
 1-Keto-3-(4'-chloro-2'-aminophenyl)-4-methyltetrahydrophthalazine, 1808.  
**C<sub>15</sub>H<sub>12</sub>ON<sub>2</sub>Br** 2'-Bromo-4'-amino-3-phenyl-4-methylphthalazone, 1137.  
**C<sub>15</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>Cl** Cinnamaldehyde 2-chloro-4-nitrophenylhydrazone, 92.  
**C<sub>15</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>Br** Cinnamaldehyde 2-bromo-4-nitrophenylhydrazone, 92.  
**C<sub>15</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>Br<sub>3</sub>** ωαβ-Tribromo-β-phenylpropaldehyde *p*-nitrophenylhydrazone, 91.  
**C<sub>15</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>S** Dimethylsulphonium 9-[2:7-dinitrofluorenylidene], 1611.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>NS** Dimethylsulphonium 9-[2-nitrofluorenylidene], 1610.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>NS** ω-Nitro-ω-(*p*-thiotolyl)acetophenone, 9.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>NS** 2-Acetamido-2'-carboxydiphenylsulphone, 1237.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>NS** 2-Aceto-*op*-dinitroanilidophenyl methyl sulphide, 187.  
 5-Nitro-2-aceto-*o*-nitroanilidophenyl methyl sulphide, 188.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>NS** 4-Carboxy-2-nitrophenyl 3-methanesulphonyl-*p*-tolyl ether, 1238.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>S** 5-Nitro-2-aceto-*o*-nitrophenylamidophenylmethylsulphone, 187.  
**C<sub>15</sub>H<sub>14</sub>ON<sub>2</sub>Br<sub>2</sub>** *s*-Bis-6-bromo-*m*-tolylurea, 1620.  
**C<sub>15</sub>H<sub>14</sub>ON<sub>2</sub>Br** 1-Keto-3-(2'-bromo-4'-aminophenyl)-4-methyltetrahydrophthalazine, 1137.  
**C<sub>15</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>S** 2-Aceto-*o*-nitroanilidophenyl methyl sulphide, 187.  
 2-Nitro-2'-methylacetamidodiphenyl sulphide, 185.  
**C<sub>15</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>S** 5-Nitro-2-phenyl-1:1-dimethylbenzthiazoline *S*-dioxide, 1265.  
**C<sub>15</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>S** 2-Aceto-*o*-nitroanilidophenylmethylsulphone, 186.  
**C<sub>15</sub>H<sub>16</sub>O<sub>4</sub>As** 2:10:10-Triethylphenoxarsonium iodide, 1052.  
**C<sub>15</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>S** 2-Nitro-2'-dimethylamino-5'-methylidiphenyl sulphide, 185.  
**C<sub>15</sub>H<sub>17</sub>O<sub>2</sub>NS** *N*-Methyl-*p*-toluenesulphon-*o*-anisidide, 1313.  
**C<sub>15</sub>H<sub>22</sub>O<sub>6</sub>NAs** Ethyl *p*-arsonopimelanilate, and its sodium salt, 291.  
 Methyl *p*-arsonosubcranilate, and its sodium salt, 292.  
**C<sub>15</sub>H<sub>23</sub>O<sub>2</sub>N<sub>2</sub>As** Pimelanilodimethylamide-*p*-arsonic acid, and its sodium salt, 291.  
 Pimelaniloethylamide-*p*-arsonic acid, and its sodium salt, 291.  
 Suberanilomethylamide-*p*-arsonic acid, and its sodium salt, 293.

## 15 V

- C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>ClS** 2-Aceto-*p*-chloro-*o*-nitroanilidophenylmethyl sulphide, 187.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>BrS** 2:7-Dinitrofluorenyl-9-dimethylsulphonium bromide, 1611.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>ClS** 2-Aceto-*p*-chloro-*o*-nitroanilidophenylmethylsulphone, 186.  
**C<sub>15</sub>H<sub>14</sub>O<sub>2</sub>NBrS** 2-Nitrofluorenyl-9-dimethylsulphonium bromide, 1610.

C<sub>16</sub> Group.

- C<sub>16</sub>H<sub>10</sub>O<sub>3</sub>** Anthronylideneacetic acid, 1104.  
**C<sub>16</sub>H<sub>12</sub>O** Methoxyflavones, 1165.  
**C<sub>16</sub>H<sub>12</sub>O<sub>3</sub>** 3-β-Phenylethylphthalic anhydride, 434.  
**C<sub>16</sub>H<sub>13</sub>Cl** 1-Chloro-3-phenyl-2-methylindene, 1160.  
**C<sub>16</sub>H<sub>14</sub>O** 1-Hydroxy-1-phenyl-2-methylindene, 1159.  
**C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>** Dimethoxyphenanthrenes, 1542.  
**C<sub>16</sub>H<sub>14</sub>O<sub>3</sub>** αβ-Dihydroxy-γ-keto-αγ-diphenylpropane, 85.  
 3-Methoxy-2-phenylbenzo-2-pyranol, 1165.  
**C<sub>16</sub>H<sub>14</sub>O<sub>4</sub>** *o*-Acetylphenyl *o*-methoxybenzoate, 869.  
 4'-Hydroxy-7-methoxyflavanone, 867.  
**C<sub>16</sub>H<sub>14</sub>O<sub>6</sub>** Peltogynol, 748.  
**C<sub>16</sub>H<sub>14</sub>N<sub>2</sub>** 8-Anilinomethylquinoline, 1144.

- C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>** 1-Hydroxy-2-(2'-carboxycyclopentyl)-3:4-dihydronaphthalene lactones, 1539.  
 4-Methoxy-2-methyldeoxybenzoin, 1125.  
**C<sub>16</sub>H<sub>16</sub>O<sub>3</sub>** *cis*- $\alpha$ - $\beta$ -Di-*o*-methoxyphenylethylene oxide, 1121.  
 3- $\beta$ -Phenylethyl-1:2:3:6-tetrahydrophthalic anhydride, 434.  
*p*- $\gamma$ -Phenylpropoxybenzoic acid, 1834.  
**C<sub>16</sub>H<sub>16</sub>O<sub>4</sub>** *m*-( $\beta$ -Benzoyloxyethoxy)anisole, 1099.  
**C<sub>16</sub>H<sub>16</sub>O<sub>5</sub>** Ethyl 1-naphthol-2:4-dicarboxylate, 1062.  
**C<sub>16</sub>H<sub>16</sub>O<sub>7</sub>** Ethyl  $\beta$ -(3:4-dimethoxycyclozyl)- $\Delta^{\beta}$ -crotonolactone- $\gamma$ -carboxylate, 1579.  
**C<sub>16</sub>H<sub>17</sub>N** 3:6-Diethylcarbazole, 743.  
**C<sub>16</sub>H<sub>18</sub>O** 2-Keto-4-phenyl- $\Delta^{1:8}$ -octalin, 1286.  
**C<sub>16</sub>H<sub>18</sub>O<sub>2</sub>** Tetrahydro-5:6:7:8-dicyclopenteno-1:4-naphthaquinone, 1106.  
**C<sub>16</sub>H<sub>18</sub>O<sub>3</sub>**  $\alpha$ -(*cis*-2-Carboxycyclopentyl)- $\gamma$ -phenylbutyric anhydride, 1538.  
 1-Keto-2-(2'-carboxycyclopentyl)tetrahydronaphthalenes, 1539.  
**C<sub>16</sub>H<sub>19</sub>N** (–) $\beta$ -*p*-Toluidino- $\alpha$ -phenylpropane, 1083.  
**C<sub>16</sub>H<sub>20</sub>O** 2-Keto-4-phenyldecalin, 1286.  
**C<sub>16</sub>H<sub>20</sub>O<sub>2</sub>** 2-(2'-*trans*-Carboxycyclopentyl)tetrahydronaphthalene, 1540.  
**C<sub>16</sub>H<sub>20</sub>O<sub>3</sub>** 3:5-Diallylresacetophenone dimethyl ether, 632.  
 Dodecahydraphenanthrene-9:10-dicarboxylic anhydride, 1106.  
**C<sub>16</sub>H<sub>20</sub>O<sub>4</sub>**  $\alpha$ -(2-Carboxycyclopentyl)- $\gamma$ -phenylbutyric acids, 1538.  
 Ethyl benzylvinylmalonate, 721.  
**C<sub>16</sub>H<sub>20</sub>O<sub>5</sub>** Tetrahydrotubaic aldehyde diacetate, 1372.  
**C<sub>16</sub>H<sub>20</sub>Si** Diphenyldiethylsilicane, 1090.  
**C<sub>16</sub>H<sub>21</sub>N** 3:6-Diethyl-1:2:3:4-tetrahydrocarbazole, 743.  
**C<sub>16</sub>H<sub>22</sub>O<sub>6</sub>** 4:6-Benzylidene-2:3-dimethyl  $\alpha$ -methylaltroside, 1197.  
**C<sub>16</sub>H<sub>23</sub>N<sub>3</sub>** 8-( $\beta$ -Diethylaminoethylaminomethyl)quinoline, and its trihydrobromide, 1426.  
**C<sub>16</sub>H<sub>24</sub>O<sub>2</sub>** Substance, from acetylcylohexene and 1-keto-2-methyltetrahydronaphthalene, 1287.  
**C<sub>16</sub>H<sub>24</sub>O<sub>3</sub>** Ethyl 7-methyl-[0:3:4-*bicyclo*]nonan-2-one-3:4-dicarboxylate, 479.  
**C<sub>16</sub>H<sub>24</sub>O<sub>4</sub>** Substance, from clovenic anhydride and magnesium methyl iodide, 1298.  
**C<sub>16</sub>H<sub>26</sub>O<sub>6</sub>** Ethyl 1-carbethoxycyclopentane-2-succinate, 476.  
**C<sub>16</sub>H<sub>26</sub>O<sub>8</sub>** Ethyl  $\alpha$ -keto- $\xi$ -methyl- $\gamma$ -isopropylsuberate, 316.  
**C<sub>16</sub>H<sub>36</sub>Pb** Di-*n*-butyldiisobutyl-lead, 42.  
 Di-*n*-propyldi-*n*-amyl-lead, 42.  
**C<sub>16</sub>H<sub>36</sub>Sn** Tetra-*n*-butyltin, 41.

## 16 III

- C<sub>16</sub>H<sub>10</sub>O<sub>2</sub>Cl<sub>2</sub>** 1:5-Dichloroanthronylacetic acid, 1104.  
**C<sub>16</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>** 5-Keto-2-phenyl-4-*o*-nitrobenzylidene-4:5-dihydro-oxazole, 1267.  
**C<sub>16</sub>H<sub>10</sub>O<sub>5</sub>N<sub>10</sub>** 4-Nitro-3-azoxy-5-pyridylpyrazole, 420.  
**C<sub>16</sub>H<sub>11</sub>ON<sub>3</sub>** 2:2'-Anhydro-2:5-diketo-3-(2'-aminophenyl)isoindolinopyrazolidocoline, and its picrate, 1802.  
**C<sub>16</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>** 2'-Amino-3-phenylphthalaz-1-one-4-acetic acid lactam, 1807.  
**C<sub>16</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>** 2:5-Diketo-3-(2'-nitrophenyl)isoindolinopyrazolidocoline, 1801.  
**C<sub>16</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>** 4-Keto-1-acetoxy-3-(nitrophenyl)-3:4-dihydrophthalazines, 1811.  
**C<sub>16</sub>H<sub>12</sub>O<sub>4</sub>S** 1-Anthraquinonyl  $\beta$ -hydroxyethyl sulphoxide, 1237.  
**C<sub>16</sub>H<sub>12</sub>O<sub>5</sub>N<sub>2</sub>** Nitro- $\alpha$ -benzamidocinnamic acids, 1267.  
**C<sub>16</sub>H<sub>12</sub>O<sub>5</sub>S** 1-Anthraquinonyl- $\beta$ -hydroxyethylsulphone, 1237.  
**C<sub>16</sub>H<sub>12</sub>N<sub>2</sub>S** 1-Phenyl-3-methyl-4:5-thionaphthenopyrazole, 472.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>N** 3:6-Diacetylcarbazole, 742.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>** 2-(2'-Aminoanilino)isoindolinone-3-acetic acid lactam, and its picrate, 1803.  
 5:4'-Diacetyl-1-phenylbenzotriazole, 743.  
 2:5-Diketo-3-(2'-aminophenyl)isoindolinopyrazolidocoline, 1801.  
 1-Hydroxy-3-(2'-aminophenyl)-3:4-dihydrophthalazine-4-acetic acid lactam, 1805.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>** Benzo-2'-nitrophenylhydrazide-2- $\beta$ -acrylic acid, 1800.  
 1-Hydroxy-3(2'-nitrophenyl)-3:4-dihydrophthalazine-4-acetic acid, 1803.  
 2-(2'-Nitroanilino)isoindolinone-3-acetic acid, 1800.  
**C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** 4-Keto-1-ethoxy-3-phenyl-3:4-dihydrophthalazine, 1815.  
**C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** 2-Nitro-4:4'-diacetyldiphenylamine, 743.  
**C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>N<sub>4</sub>**  $\beta$ -Nitroanilino-crotononitroanilides, 112.  
**C<sub>16</sub>H<sub>15</sub>ON<sub>3</sub>** 5-Acetyl-1-phenyl-4'-ethylbenzotriazole, 743.  
**C<sub>16</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** 2-(2'-Aminoanilino)isoindolinone-3-acetic acid, 1802.  
 1-Hydroxy-3-(2'-aminophenyl)-3:4-dihydrophthalazine-4-acetic acid, 1805.  
**C<sub>16</sub>H<sub>15</sub>O<sub>2</sub>N** 4'-Nitro-4-methoxy-2-methyldeoxybenzoin, 1126.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>** 2-Nitro-4-acetyl-4'-ethylidiphenylamine, 743.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>** 4'-Nitro-3-methoxy-2-methyldeoxybenzoin oxime, 1126.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>Br** Ethyl benzyl- $\beta$ -bromovinylmalonate, 721.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>S<sub>2</sub>** Methyl  $\alpha$ -*p*-carboxyphenylsulphonyl- $\alpha$ -phenylthioethanes, 20.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>S<sub>2</sub>** Methyl  $\alpha$ -*p*-carboxyphenylsulphonyl- $\alpha$ -phenylsulphonylthioethane, 20.  
**C<sub>16</sub>H<sub>17</sub>ON** 4-Dimethylaminomethylbenzophenones, 895.  
**C<sub>16</sub>H<sub>17</sub>O<sub>3</sub>N** 2-Hydroxy-4-( $\beta$ -hydroxyethoxy)acetophenone anil, 1099.  
**C<sub>16</sub>H<sub>16</sub>ON<sub>3</sub>** 4-Dimethylaminomethylbenzophenone oximes, 895.  
**C<sub>16</sub>H<sub>18</sub>O<sub>2</sub>N** 2-Hydroxy-4-( $\beta$ -hydroxyethoxy)acetophenone phenylhydrazone, 1099.  
**C<sub>16</sub>H<sub>18</sub>O<sub>2</sub>N**  $\alpha$ -Aminodi-(*o*-methoxybenzyl), 1122.  
**C<sub>16</sub>H<sub>20</sub>O<sub>2</sub>N<sub>4</sub>** Phellandral 2:4-dinitrophenylhydrazone, 152.  
 Thujone 2:4-dinitrophenylhydrazone, 152.  
**C<sub>16</sub>H<sub>21</sub>O<sub>2</sub>N<sub>3</sub>** Phellandral *p*-nitrophenylhydrazone, 152.

- C<sub>16</sub>H<sub>21</sub>O<sub>11</sub>Br** 1-Bromoacetyl tetra-acetylglucose, 1023.  
**C<sub>16</sub>H<sub>21</sub>O<sub>11</sub>I** 1-Iodoacetyl tetra-acetyl glucose, 1023.  
**C<sub>16</sub>H<sub>20</sub>O<sub>4</sub>N<sub>2</sub>** *l*-Tetrahydrocarvone 2:4-dinitrophenylhydrazone, 316.  
**C<sub>16</sub>H<sub>22</sub>N<sub>2</sub>Si** Di-*m*-aminodiphenyldiethylsilicane, 1091.  
**C<sub>16</sub>H<sub>25</sub>ON<sub>3</sub>** *s*-Di- $\Delta^1$ -cyclohexenylacetone semicarbazone, 983.  
**C<sub>16</sub>H<sub>25</sub>ON<sub>3</sub>** *s*-Di- $\beta$ -cyclopentylethyl ketone semicarbazone, 984.  
**C<sub>16</sub>H<sub>34</sub>S<sub>2</sub>Hg** Mercury di-*n* octylmercaptide, 1563.  
**C<sub>16</sub>H<sub>36</sub>N<sub>4</sub>Au<sub>2</sub>** Ethylenediaminetetra-*n*-propylidicyanodigold, 1029.

## 16 IV

- C<sub>16</sub>H<sub>8</sub>ON<sub>2</sub>Cl<sub>4</sub>** 2:3:4:5-Tetrachlorobenzeneazo- $\beta$ -naphthol, 1007.  
**C<sub>16</sub>H<sub>8</sub>O<sub>10</sub>N<sub>2</sub>S** 2:4:5-Trinitro-1-*m*-nitrobenzenesulphonaphthalide, 1594.  
**C<sub>16</sub>H<sub>10</sub>ON<sub>2</sub>Cl<sub>2</sub>** 3:5-Dichlorobenzeneazo- $\beta$ -naphthol, 1007.  
**C<sub>16</sub>H<sub>10</sub>ON<sub>2</sub>Br<sub>2</sub>** 3:5-Dibromobenzeneazo- $\beta$ -naphthol, 1007.  
**C<sub>16</sub>H<sub>10</sub>ON<sub>3</sub>Cl** 2:2'-Anhydro-2:5-diketo-3-(4'-chloro-2'-aminophenyl)isoindolinopyrazolidocoline, and its sulphate, 1802.  
**C<sub>16</sub>H<sub>10</sub>O<sub>2</sub>N<sub>3</sub>Cl** 4'-Chloro-2'-amino-3-phenylphthalaz-1-one-4-acetic acid lactam, 1807.  
**C<sub>16</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>Cl** 2:5-Diketo-3-(chloronitrophenyl)isoindolinopyrazolidocolines, 1801.  
**C<sub>16</sub>H<sub>10</sub>O<sub>6</sub>N<sub>2</sub>S** 2:4-Dinitro-1-*m*-nitrobenzenesulphon-naphthalide, 1593.  
**C<sub>16</sub>H<sub>11</sub>O<sub>6</sub>N<sub>2</sub>S** 5-Nitro-1-*m*-nitrobenzenesulphon-naphthalide, 1594.  
**C<sub>16</sub>H<sub>11</sub>N<sub>3</sub>BrS** 1-*p*-Bromophenyl-3-methyl-4:5-thionaphthenopyrazole, 473.  
**C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>Cl** 4'-Chloro-2'-acetamido-3-phenylphthalaz-1-one, 1806.  
 2-(4'-Chloro-2'-aminoanilino)isoindolinone-3-acetic acid lactam, 1803.  
 2:5-Diketo-3-(4'-chloro-2'-aminophenyl)isoindolinopyrazolidocoline, 1802.  
 1-Hydroxy-3-chloro-2'-aminophenyl-3:4-dihydrophthalazine-4-acetic acid lactam, 1805.  
**C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>S** *m*-Nitrobenzenesulphon-1-naphthalide, 1593.  
*m*-Nitrobenzenesulphon-naphthalides, and their salts, 1856.  
**C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>Cl** Benzo-4'-chloro-2'-nitrophenylhydrazide-2- $\beta$ -acrylic acid, 1800.  
 2-(Chloronitroanilino)isoindolinone-3-acetic acids, 1800.  
 1-Hydroxy-3-(4'-chloro-2'-nitrophenyl)-3:4-dihydrophthalazine-4-acetic acids, 1803.  
**C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>Br** 1-Hydroxy-3-(2'-bromo-4'-nitrophenyl)-3:4-dihydrophthalazine-4-acetic acid, 1135.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>Cl<sub>2</sub>Fe** Methoxyflavylium ferrichlorides, 87.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>NS** 4-Carboxy-2-nitrophenyl 4-acetoxy-*m*-tolyl sulphide, 1237.  
**C<sub>16</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>S** Benzaldehyde-2'-nitrophenylhydrazone- $\omega$ -sulphonic-2- $\beta$ -acrylic acid, sodium salt, 1800.  
 3-(2'-Nitrophenyl)-3:4-dihydrophthalazine-1-sulphonic-4-acetic acid, sodium hydrogen salt, 1803.  
**C<sub>16</sub>H<sub>14</sub>ON<sub>2</sub>Cl<sub>2</sub>**  $\beta$ -Chloroanilinoacetonechloroanilides, 114.  
**C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>N<sub>3</sub>Cl** 2-(4'-Chloro-2'-aminoanilino)isoindolinone-3-acetic acid, 1802.  
 1-Hydroxy-3'-(chloro-2'-aminophenyl)-3:4-dihydrophthalazine-4-acetic acids, 1805.  
**C<sub>16</sub>H<sub>14</sub>O<sub>2</sub>N<sub>3</sub>Br** 1-Hydroxy-3-(2'-bromo-4'-aminophenyl)-3:4-dihydrophthalazine-4-acetic acid, 1136.  
**C<sub>16</sub>H<sub>15</sub>O<sub>2</sub>NCl<sub>2</sub>** Acetyl derivative of *dl*-isodi-*o*-chlorophenylhydroxyethylamine, 1123.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>Si** Di-*m*-nitrodiphenyldiethylsilicane, 1091.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>Sb** Benzyltrimethylstibonium picrate, 399.  
**C<sub>16</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>As** Pimelani-*n*-propylamide-*p*-arsonic acid, and its sodium salt, 292.  
**C<sub>16</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>As** Ethyl *p*-arsonosuberanilate, and its sodium salts, 292.  
**C<sub>16</sub>H<sub>25</sub>O<sub>2</sub>N<sub>2</sub>As** Suberanilodimethylamide-*p*-arsonic acid, and its sodium salt, 293.  
 Suberaniloethylamide-*p*-arsonic acid, and its sodium salt, 293.  
**C<sub>16</sub>H<sub>36</sub>Cl<sub>2</sub>S<sub>2</sub>Pd** Bis(dibutylsulphide)palladium dichlorides, 1558.

## 16 V

- C<sub>16</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>Br<sub>2</sub>S** 2:4-Dibromo-1-*m*-nitrobenzenesulphon-naphthalide, 1594.  
**C<sub>16</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>BrS** 1-*p*-Bromophenyl-3-methyl-4:5-thionaphthenopyrazole dioxide, 473.  
**C<sub>16</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>BrS** 4-Bromo-1-*m*-nitrobenzenesulphon-naphthalide, 1594.  
**C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>ClS** Benzaldehydechloronitrophenylhydrazone- $\omega$ -sulphonic-2- $\beta$ -acrylic acids, sodium salts, 1800.  
 3-(4'-Chloro-2'-nitrophenyl)-3:4-dihydrophthalazine-1-sulphonic-4-acetic acid, sodium hydrogen salt, 1803.  
**C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>N<sub>3</sub>BrS** 3-(2'-Bromo-4'-nitrophenyl)-3:4-dihydrophthalazine-1-sulphonic-4-acetic acid, sodium hydrogen salt, 1135.  
**C<sub>16</sub>H<sub>13</sub>ON<sub>2</sub>BrS** 3-Hydroxy-2-acetyl-1-thionaphthen-*p*-bromophenylhydrazone, 473.  
**C<sub>16</sub>H<sub>36</sub>O<sub>2</sub>N<sub>2</sub>S<sub>2</sub>Pd** Bis(di-*n*-butylsulphide)palladium dinitrite, 1559.

C<sub>17</sub> Group.

- C<sub>17</sub>H<sub>12</sub>** 3:4-Benzfluorene, 1322.

## 17 II

- C<sub>17</sub>H<sub>10</sub>O<sub>3</sub>** 3'-Phenyl-7:6-furocoumarin, 815.  
**C<sub>17</sub>H<sub>12</sub>O<sub>4</sub>** 2-(3'-Carboxy-4'-hydroxybenzylidene)-1-hydrindone, 945.  
 7-Phenacyloxy coumarin, 815.  
**C<sub>17</sub>H<sub>12</sub>O<sub>5</sub>** Methoxychromenochromones, 7-hydroxy-, 994.  
**C<sub>17</sub>H<sub>14</sub>O<sub>4</sub>** 2:7-Dimethoxyphenanthrene-9-carboxylic acids, 1341.  
 7-( $\beta$ -Hydroxyethoxy)flavone, 1100.  
**C<sub>17</sub>H<sub>16</sub>O** 1-Hydroxy-1-phenyl-2:3-dimethylindene, 1161.  
 2-( $\beta$ -1'-Naphthylethyl)- $\Delta^2$ -cyclopentenone, 1571.  
**C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>** 2-Phenylbenzopyranol 4-ethyl ether, 1164.

- C<sub>17</sub>H<sub>16</sub>O<sub>4</sub>** 7-(β-Hydroxyethoxy)flavanone, 1100.  
 2-Hydroxy-4-(β-hydroxyethoxy)chalkone, 1100.  
**C<sub>17</sub>H<sub>14</sub>O<sub>5</sub>** *o*-Acetylphenyl 2:4-dimethoxybenzoate, 869.  
 2-Benzoyloxy-4-(β-hydroxyethoxy)acetophenone, 1099.  
 2:2'-Dihydroxy-4-(β-hydroxyethoxy)chalkone, 1101.  
**C<sub>17</sub>H<sub>16</sub>O<sub>7</sub>** Methoxyphenoxyacetic acid-2-resacetophenones, 994.  
**C<sub>17</sub>H<sub>18</sub>O<sub>2</sub>** 4-Methoxydimethyldeoxybenzoins, 1125.  
**C<sub>17</sub>H<sub>18</sub>O<sub>3</sub>** Ethyl (+)phenyl-*p*-tolylglycolate, 154.  
**C<sub>17</sub>H<sub>19</sub>N** *p*-isoPropylbenzylidenebenzylamine, 1849.  
**C<sub>17</sub>H<sub>20</sub>O<sub>3</sub>** 1-Keto-2-(*trans*-2'-carbomethoxycyclopentyl)tetrahydronaphthalene, 1539.  
**C<sub>17</sub>H<sub>21</sub>O<sub>12</sub>** Methyl *n*-pentane-αβγϵε-hexacarboxylate, 193.  
**C<sub>17</sub>H<sub>25</sub>N<sub>3</sub>** 8-(β-Diethylaminoethylmethylaminomethyl)quinoline, and its trihydrobromide, 1425.  
**C<sub>17</sub>H<sub>26</sub>O<sub>2</sub>** α-Santalylacetic acid, 313.  
**C<sub>17</sub>H<sub>26</sub>O<sub>3</sub>** Methyl γ-keto-ε-teresantalylhexoate, 314.  
**C<sub>17</sub>H<sub>26</sub>O<sub>5</sub>** Ethyl 3:7-dimethyl-[0:3:4-*bicyclo*]nonan-2-one 3:4-dicarboxylate, 479.  
**C<sub>17</sub>H<sub>28</sub>O<sub>2</sub>** Dihydro-α-santalylacetic acid, 314.

## 17 III

- C<sub>17</sub>H<sub>11</sub>ON** *N*-Phenyl-naphthastyril, 318.  
**C<sub>17</sub>H<sub>11</sub>O<sub>2</sub>N** Acetoxypropionitriles, 405.  
**C<sub>17</sub>H<sub>12</sub>O<sub>2</sub>S** Phenyl 8-carboxy-1-naphthyl sulphide, 318.  
**C<sub>17</sub>H<sub>12</sub>O<sub>3</sub>Cl<sub>2</sub>** Dichloroanthronylpropionic acids, 1103.  
**C<sub>17</sub>H<sub>12</sub>O<sub>3</sub>Br<sub>2</sub>** 6-Bromo-7-(β-bromoethoxy)flavone, 1100.  
**C<sub>17</sub>H<sub>12</sub>O<sub>3</sub>S** Phenyl 8-carboxy-1-naphthyl sulphoxide, 319.  
**C<sub>17</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>** 2-Nitro-4-benzamido-1-naphthol, 673.  
**C<sub>17</sub>H<sub>12</sub>N<sub>2</sub>Se** 1-Anilino-α-naphthasclelazole, 1766.  
**C<sub>17</sub>H<sub>12</sub>O<sub>5</sub>N<sub>2</sub>** 5-Keto-2-phenyl-4-(2'-nitro-5'-methoxybenzylidene)-4:5-dihydro-oxazole, 1267.  
**C<sub>17</sub>H<sub>13</sub>O<sub>2</sub>Br** 6-Bromo-7-(β-hydroxyethoxy)flavone, 1100.  
**C<sub>17</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** 3-Acetyloximino-2-phenylmethylindolenines, 1211.  
**C<sub>17</sub>H<sub>14</sub>O<sub>3</sub>N<sub>4</sub>** 2:3-Dimethylindene 2:4-dinitrophenylhydrazone, 1161.  
**C<sub>17</sub>H<sub>14</sub>O<sub>3</sub>S** Methyl-β-1-anthraquinonyloxyethylsulphone, 1237.  
**C<sub>17</sub>H<sub>14</sub>O<sub>6</sub>N<sub>2</sub>** 2-Nitro-α-benzamido-5-methoxycinnamic acid, 1267.  
**C<sub>17</sub>H<sub>14</sub>N<sub>2</sub>Se** *s*-Phenyl-β-naphthylselenourea, 1766.  
**C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>N** 3:6-Diacetyl-9-methylcarbazole, 742.  
 Phthalo-γ-phenylpropylimide, 1362.  
**C<sub>17</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** 2'-Acetamido-3-phenyl-4-methylphthalaz-1-one, 1808.  
 1-Keto-3-(2'-aminophenyl)-2-methyltetrahydrophthalazine-4-acetic acid lactam, 1804.  
**C<sub>17</sub>H<sub>15</sub>O<sub>4</sub>N<sub>3</sub>** 3:6-Diacetamidonaphthalomethylimide, 499.  
**C<sub>17</sub>H<sub>15</sub>O<sub>4</sub>Br<sub>3</sub>** 5-Bromo-2-hydroxy-4-(β-hydroxyethoxy)chalkone dibromide, 1100.  
**C<sub>17</sub>H<sub>15</sub>O<sub>5</sub>N** 4-Hydroxy-2-ethylacetophenone *p*-nitrobenzoate, 302.  
**C<sub>17</sub>H<sub>15</sub>O<sub>5</sub>N<sub>3</sub>** 1-Keto-3-(2'-nitrophenyl)-2-methyltetrahydrophthalazine-4-acetic acid, 1804.  
**C<sub>17</sub>H<sub>15</sub>O<sub>6</sub>N** Ethyl *r*-*o*-nitrobenzoylmandelate, 107.  
 2-Nitro-2-hydroxy-4-(β-hydroxyethoxy)chalkone, 1101.  
 2-Nitro-5-methoxy-α-(*m*-methoxyphenyl)cinnamic acid, 1541.  
**C<sub>17</sub>H<sub>16</sub>O<sub>4</sub>N<sub>4</sub>** 5-Methyl-α-tetralone 2:4-dinitrophenylhydrazone, 999.  
**C<sub>17</sub>H<sub>16</sub>O<sub>7</sub>N<sub>2</sub>** γ-*m*-Methoxyphenyl-*n*-propyl 3:5-dinitrobenzoate, 435.  
**C<sub>17</sub>H<sub>17</sub>ON** 2-(β-1'-Naphthylethyl)-Δ<sup>2</sup>-cyclopentanone oxime, 1571.  
 1:2:3:4-Tetrahydro-6-naphthanilide, 80.  
**C<sub>17</sub>H<sub>17</sub>O<sub>1</sub>N** 2-Amino-5-methoxy-α-(*m*-methoxyphenyl)cinnamic acid, 1541.  
*p*-*sec*-Butylphenyl *p*-nitrobenzoate, 140.  
 3:4-Diethylphenol *p*-nitrobenzoate, 302.  
**C<sub>17</sub>H<sub>19</sub>O<sub>2</sub>N<sub>3</sub>** *p*-*tert*-Butylbenzaldehyde *p*-nitrophenylhydrazone, 1848.  
 4-Methoxy-2-methyldeoxybenzoin semicarbazone, 1125.  
**C<sub>17</sub>H<sub>19</sub>O<sub>2</sub>N<sub>3</sub>** Di-*o*-methoxydeoxybenzoin semicarbazone, 1122.  
 Di-*o*-methoxyphenylacetaldehyde semicarbazone, 1122.  
**C<sub>17</sub>H<sub>20</sub>O<sub>2</sub>N<sub>4</sub>** 4:4'-Bisethylnitrosoaminodiphenylmethane, 57.  
**C<sub>17</sub>H<sub>20</sub>O<sub>6</sub>N<sub>2</sub>** Carvomenthyl dinitrobenzoates, 1140.  
**C<sub>17</sub>H<sub>20</sub>O<sub>6</sub>N** Carvomenthyl nitrobenzoates, 1140.  
**C<sub>17</sub>H<sub>20</sub>ON** Benzoyl-*l*-isocarvomenthylamine, 1143.  
**C<sub>17</sub>H<sub>20</sub>O<sub>2</sub>N** Lettoccine, and its salts, 734.  
**C<sub>17</sub>H<sub>20</sub>O<sub>6</sub>N** Ethyl α-cyano-1-carbomethoxycyclopentane-2-succinate, 476.  
**C<sub>17</sub>H<sub>20</sub>O<sub>2</sub>Br** Bromotetrahydrosantalylacetic acid, 314.  
**C<sub>17</sub>H<sub>31</sub>O<sub>3</sub>N<sub>3</sub>** Ethyl 1-*n*-octylcyclopentan-2-one-1-carboxylate semicarbazone, 1542.

## 17 IV

- C<sub>17</sub>H<sub>12</sub>ON<sub>2</sub>Br<sub>2</sub>** 4:6-Dibromo-*m*-tolueneazo-β-naphthol, 1620.  
**C<sub>17</sub>H<sub>13</sub>ON<sub>2</sub>Br** 6-Bromo-*m*-tolueneazo-β-naphthol, 1620.  
**C<sub>17</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>S** 2-*o*-Nitroanilino-1-naphthyl methyl sulphide, 188.  
**C<sub>17</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>Cl** 4'-Chloro-2'-acetamido-3-phenyl-4-methylphthalaz-1-one, 1808.  
 1-Keto-3-(4'-chloro-2'-aminophenyl)-2-methyltetrahydrophthalazine-4-acetic acid lactam, 1804.  
**C<sub>17</sub>H<sub>13</sub>O<sub>5</sub>N<sub>2</sub>S** 2-Nitro-1-*p*-toluenesulphon-naphthalide, 1595.  
**C<sub>17</sub>H<sub>13</sub>O<sub>5</sub>N<sub>3</sub>Cl** 1-Keto-3-(chloro-2'-nitrophenyl)-2-methyltetrahydrophthalazine-4-acetic acids, 1804.  
**C<sub>17</sub>H<sub>13</sub>O<sub>6</sub>N<sub>3</sub>Br** 1-Keto-3-(2'-bromo-4'-nitrophenyl)-2-methyltetrahydrophthalazine-4-acetic acid, 1136.  
 Methyl 1-hydroxy-3-(2'-bromo-4'-nitrophenyl)-3:4-dihydrophthalazine-4-acetate, 1136.  
**C<sub>17</sub>H<sub>16</sub>O<sub>3</sub>N<sub>3</sub>Cl** 1-Keto-3-(4'-chloro-2'-aminophenyl)-2-methyltetrahydrophthalazine-4-acetic acid, 1804.

- C<sub>17</sub>H<sub>16</sub>O<sub>8</sub>N<sub>3</sub>S** 2:4:3'-Trinitro-4'-piperidinodiphenylsulphone, 538.  
**C<sub>17</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>S** Benzenesulphonylcytisine, 1054.  
**C<sub>17</sub>H<sub>20</sub>ONI** 4-Dimethylaminomethylbenzophenone methiodides, 895.

## 17 V

- C<sub>17</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>BrS** 3-Bromo-1:6-dinitro-2-*p*-toluenesulphon-naphthalide, 1596.  
**C<sub>17</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>BrS** 2-Bromonitro-*p*-toluenesulphon-naphthalides, 1594.  
**C<sub>17</sub>H<sub>14</sub>O<sub>2</sub>NBrS** 3-Bromo-2-*p*-toluenesulphon-naphthalide, 1595.  
**C<sub>17</sub>H<sub>14</sub>O<sub>2</sub>NIS** 1-Iodo-2-*p*-toluenesulphon-naphthalide, 1596.  
**C<sub>17</sub>H<sub>15</sub>O<sub>2</sub>N<sub>2</sub>BrS** 3-Bromo-2-*p*-toluenesulphon-1:2-naphthylenediamine, 1595.

C<sub>18</sub> Group.

- C<sub>18</sub>H<sub>16</sub>** 9-Methyl-1:2-*cyclopentenophenanthrene*, 444.  
**C<sub>18</sub>H<sub>18</sub>** 2-Methyl-1-allyl-3:4-dihydrophenanthrene, 1635.  
 2-Methyl-1-*n*-propylphenanthrene, 1633.  
**C<sub>18</sub>H<sub>20</sub>** 4:5-Benzhydrindene-1-*spirocyclohexane*, 1637.  
**C<sub>18</sub>H<sub>22</sub>**  $\alpha\alpha$ -Diphenyl- $\beta$ -methylpentane, 1219.  
**C<sub>18</sub>H<sub>21</sub>** Dodecahydro-1:2-benzanthracene, 769.  
 1-( $\beta$ -5'-Tetraylethyl)- $\Delta^1$ -*cyclohexene*, 1636.

## 18 II

- C<sub>18</sub>H<sub>8</sub>O<sub>2</sub>** 8:11-Ketobenzanthrone, 575.  
**C<sub>18</sub>H<sub>8</sub>O<sub>3</sub>** 11-Hydroxybenzanthrone-8-carboxylolactone, 575.  
**C<sub>18</sub>H<sub>10</sub>O<sub>3</sub>** 1:9-Benzanthrone-8-carboxylic acid, 572.  
**C<sub>18</sub>H<sub>12</sub>O<sub>4</sub>** 8-(*o*-Carboxyphenyl)-1-naphthoic acid, 572.  
**C<sub>18</sub>H<sub>14</sub>O<sub>2</sub>**  $\omega$ - $\beta$ -Naphthyl-*o*-toluic acid, 1031.  
**C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>** 1-Acetoxy-3-phenyl-2-methylindene, 1160.  
**C<sub>18</sub>H<sub>16</sub>O<sub>5</sub>** 4'-Methoxy-7-( $\beta$ -hydroxyethoxy)flavone, 1101.  
**C<sub>18</sub>H<sub>16</sub>O<sub>7</sub>** *apo*Toxicarol, constitution of, 681.  
**C<sub>18</sub>H<sub>18</sub>O<sub>2</sub>** 2-Phenyl-3-methylbenzopyranol 2-ethyl ether, 1164.  
**C<sub>18</sub>H<sub>18</sub>O<sub>3</sub>** 1-Keto-6:7-dimethoxy-2-phenyltetrahydronaphthalene, 1416.  
 4'-Methoxy-2-phenylbenzopyranol 4-ethyl ether, 1164.  
**C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>** 2-Hydroxy-4-( $\beta$ -hydroxyethoxy)-4'-methoxychalkone, 1100.  
 $\beta$ -Veratroyl- $\alpha$ -phenylpropionic acid, 1415.  
**C<sub>18</sub>H<sub>18</sub>O<sub>3</sub>** *O*-Trimethyleyanomachrin, 754.  
**C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>** 4:5-Dimethoxyphenoxyacetic acid-2-phloracetophenone, 683.  
**C<sub>18</sub>H<sub>20</sub>O** 7-Hydroxy-1-methyl-1:2:3:4-tetrahydro-1:2-*cyclopentenophenanthrene*, 455.  
**C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>** 3-Keto-7-methoxyhexahydro-1:2-*cyclopentenophenanthrene*, 1288.  
**C<sub>18</sub>H<sub>20</sub>O<sub>1</sub>**  $\alpha$ -Phenyl- $\gamma$ -veratrylbutyric acid, 1416.  
**C<sub>18</sub>H<sub>22</sub>O**  $\alpha\alpha$ -Diphenyl- $\beta$ -methyl-*n*-amyl alcohol, 1218.  
 5-Ketodecahydro-1:2-benzanthracene, 768.  
**C<sub>18</sub>H<sub>22</sub>O<sub>2</sub>** Dodecahydro-5:6:7:8-dibenz-1:4-naphthaquinone, 1106.  
**C<sub>18</sub>H<sub>22</sub>O<sub>3</sub>**  $\beta$ -6-*as*-Octahydrophenanthroylpropionic acid, 768.  
**C<sub>18</sub>H<sub>22</sub>O<sub>4</sub>** 3:3'-Dimethoxyhydrobenzoin  $\alpha\alpha'$ -dimethyl ether, 1537.  
**C<sub>18</sub>H<sub>21</sub>N** Benzylidene-*p*-*tert*-butylbenzylamine, 1848.  
*p*-*tert*-Butylbenzylidenebenzylamine, 1848.  
**C<sub>18</sub>H<sub>22</sub>S** Di-( $\alpha$ -benzylethyl) sulphide, 1084.  
 (-) $\beta$ -Phenylisopropyl disulphide, 1083.  
**C<sub>18</sub>H<sub>21</sub>O<sub>2</sub>**  $\gamma$ -6-*as*-Octahydrophenanthrylbutyric acid, 768.  
**C<sub>18</sub>H<sub>21</sub>O<sub>4</sub>** Carvomenthyl hydrogen phthalates, 1140.  
**C<sub>18</sub>H<sub>21</sub>O<sub>12</sub>** Methyl *cyclohexane*-1:1:4:4:5-hexacarboxylate, 192.  
**C<sub>18</sub>H<sub>26</sub>O<sub>3</sub>**  $\alpha$ - and  $\beta$ -Santalylmalonic acids, 313.  
**C<sub>18</sub>H<sub>27</sub>N<sub>3</sub>** 8-( $\beta$ -Diethylaminodiethylaminomethyl)quinoline, and its salts, 1425.  
**C<sub>18</sub>H<sub>28</sub>O<sub>2</sub>**  $\beta$ -Keto- $\delta$ -hydroxy- $\theta$ -(2:2:6-trimethyl- $\Delta^6$ -*cyclohexenyl*)- $\zeta$ -methyl- $\Delta^{\epsilon\gamma}$ -octadiene, 587.  
**C<sub>18</sub>H<sub>28</sub>O<sub>3</sub>** Licanic acids, 1632.  
**C<sub>18</sub>H<sub>30</sub>O<sub>3</sub>** 2-( $\beta$ -Carbomethoxypropionyl)-1-*n*-octyl- $\Delta^1$ -*cyclopentene*, 1543.  
**C<sub>18</sub>H<sub>30</sub>O<sub>6</sub>** Ethyl 1-carbethoxy-4-methyl*cyclohexane*-2-succinate, 479.  
**C<sub>18</sub>H<sub>30</sub>O<sub>8</sub>** Ethyl  $\beta$ -methylpentane- $\beta\delta\delta\epsilon$ -tetracarboxylate, 1128.  
**C<sub>18</sub>H<sub>32</sub>O<sub>1</sub>** 1:2-*cyclo*Hexanediol-1-menthoxyacetates, 1271.  
**C<sub>18</sub>H<sub>40</sub>Pb** Di-*n*-butyldiamyl-lead, 42.  
**C<sub>18</sub>H<sub>40</sub>Sn** *n*-Propyltri-*n*-amyltin, 41.

## 18 III

- C<sub>18</sub>H<sub>10</sub>O<sub>7</sub>N<sub>4</sub>** 3-Nitro-6-dinitrophenylphenoxazine, 1313.  
**C<sub>18</sub>H<sub>10</sub>O<sub>11</sub>N<sub>6</sub>** 2':4'-Dinitro-2-picrylamino-diphenyl ether, 1311.  
**C<sub>18</sub>H<sub>11</sub>O<sub>5</sub>N<sub>5</sub>** *O**N*-Bis-2:4-dinitrophenyl-*o*-aminophenol, 1313.  
**C<sub>18</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** 5-Keto-2-phenyl-4-(2'-nitro-5'-acetoxybenzylidene)-4:5-dihydro-oxazole, 1267.  
**C<sub>18</sub>H<sub>14</sub>O<sub>3</sub>N<sub>2</sub>**  $\gamma$ - and (-)-*o*- $\beta$ -Naphtholazomandelic acids, 107.  
**C<sub>18</sub>H<sub>14</sub>O<sub>3</sub>S** 1-Antraquinonyl  $\beta$ -acetoxyethyl sulphoxide, 1237.  
**C<sub>18</sub>H<sub>14</sub>O<sub>3</sub>S** 1-Antraquinonyl- $\beta$ -acetoxylethylsulphone, 1236.  
**C<sub>18</sub>H<sub>15</sub>O<sub>7</sub>Br** *cis*- $\beta$ -*p*-Bromophenyl- $\alpha$ -1-hydroxyhydrindene-2-propionolactones, 16.  
**C<sub>18</sub>H<sub>15</sub>O<sub>3</sub>N** 3:6:9-Triacetylcarbazole, 742.  
**C<sub>18</sub>H<sub>15</sub>O<sub>3</sub>N<sub>3</sub>** 2:5-Diketo-3-(2'-acetamidophenyl)isoindolinopyrazolidocoline, 1801.

- C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>N<sub>4</sub>** 1-Ketotetrahydrocarbazole *p*-nitrophenylhydrazone, 976.  
**C<sub>18</sub>H<sub>17</sub>O<sub>2</sub>Br** *trans*- $\beta$ -*p*-Bromophenyl- $\alpha$ -1-hydroxyhydrindene-2-propionic acid, 16.  
**C<sub>18</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** Methyl 1-keto-3-(2'-nitrophenyl)-2-methyltetrahydrophthalazine-4-acetate, 1804.  
**C<sub>16</sub>H<sub>17</sub>O<sub>2</sub>N** Nitro- $\beta$ -veratroyl- $\alpha$ -phenylpropionic acid, 1415.  
**C<sub>18</sub>H<sub>18</sub>O<sub>2</sub>Cl<sub>4</sub>** 2:3-Bisdichloroacetyl benzylidene  $\alpha$ - and  $\beta$ -methylglucosides, 1180.  
**C<sub>18</sub>H<sub>13</sub>ON<sub>3</sub>** 2-( $\beta$ -1'-Naphthylethyl)- $\Delta^2$ -cyclopentenone semicarbazone, 1571.  
**C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>** Dibenzylisobutylenediamine, 843.  
**C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>**  $\beta$ -*p*-Anisidinoacrotono-*p*-anisidine, 113.  
**C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>S** Ethyl *d*-(+)- $\beta$ -*p*-toluenesulphinoxy- $\beta$ -phenylpropionate, 1666.  
**C<sub>16</sub>H<sub>21</sub>ON** 4-Diethylamino-3-methylbenzophenone, 896.  
**C<sub>18</sub>H<sub>21</sub>O<sub>2</sub>N**  $\alpha$ -Acetamidodi-(*o*-methoxybenzyl), 1122.  
**C<sub>18</sub>H<sub>21</sub>O<sub>2</sub>N** Acetyl derivative of *isodi*-*o*-methoxyphenylhydroxyethylamine, 1121.  
**C<sub>18</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl phenylenebis- $\beta$ -aminocrotonates, 1569.  
**C<sub>18</sub>H<sub>23</sub>O<sub>2</sub>N** Retrorsine, and its salts, 13.  
**C<sub>18</sub>H<sub>26</sub>O<sub>2</sub>N<sub>4</sub>** 1:3-Di-( $\alpha$ -methyl- $\Delta^2$ -pentenyl)-7-methylxanthine, 1366.  
**C<sub>18</sub>H<sub>27</sub>O<sub>2</sub>N** Ethyl benzyl- $\beta$ -dimethylaminoethylmalonate, hydrochloride of, 724.  
**C<sub>18</sub>H<sub>27</sub>O<sub>2</sub>N<sub>3</sub>**  $\beta$ -Keto- $\delta$ -tercasantalylbutylmalonic acid semicarbazone, 313.  
**C<sub>18</sub>H<sub>29</sub>O<sub>2</sub>N<sub>3</sub>** Methyl  $\gamma$ -keto- $\epsilon$ -tercasantalylhexoate semicarbazone, 314.

## 18 IV

- C<sub>18</sub>H<sub>8</sub>ON<sub>2</sub>Br<sub>2</sub>** 3:5-Dibromobenzeneazophenols, 1006.  
**C<sub>18</sub>H<sub>10</sub>ON<sub>2</sub>Cl<sub>4</sub>** 3:5:3':5'-Tetrachloro-2:4-bisbenzeneazophenol, 1006.  
**C<sub>18</sub>H<sub>10</sub>ON<sub>2</sub>Br<sub>4</sub>** 3:5:3':5'-Tetrabromo-2:4-bisbenzeneazophenol, 1006.  
**C<sub>18</sub>H<sub>10</sub>ON<sub>2</sub>S** Thiolhydroxyphenanthrapyrimidazine, 469.  
**C<sub>18</sub>H<sub>11</sub>O<sub>2</sub>N<sub>5</sub>S** 2-Nitro-2'-picrylamidodiphenyl sulphoxide, 186.  
**C<sub>18</sub>H<sub>14</sub>O<sub>2</sub>N<sub>3</sub>Cl** 2:5-Diketo-3-(4'-chloro-2'-acetamidophenyl)*isodolin*opyrazolidocoline, 1802.  
**C<sub>18</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>S<sub>2</sub>** 2-Nitro-2'-benzenesulphonylaminodiphenyl sulphide, 184.  
**C<sub>18</sub>H<sub>14</sub>O<sub>4</sub>N<sub>4</sub>As** 5:5'-Arsenocarboxymethylbenzimidazole, 156.  
**C<sub>18</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>S<sub>2</sub>** 2-Nitro-2'-benzenesulphonamidodiphenylsulphone, 185.  
**C<sub>18</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>Br** 1-Acetoxy-3-(2'-bromo-4'-nitrophenyl)-3:4-dihydrophthalazine-4-acetic acid, 1136.  
**C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>N<sub>6</sub>As<sub>2</sub>** 5:5'-Arsenocarbonylmethylbenzimidazole, 157.  
**C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>N<sub>3</sub>Br** 1-Acetoxy-3-(2'-bromo-4'-aminophenyl)-3:4-dihydrophthalazine-4-acetic acid, 1136.  
**C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>Cl** Methyl 1-keto-3-(chloro-2'-nitrophenyl)-2-methyltetrahydrophthalazine-4-acetates, 1804.  
**C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>N<sub>3</sub>Br** Methyl 1-keto-3-(2'-bromo-4'-nitrophenyl)-2-methyltetrahydrophthalazine-4-acetate, 1136.  
**C<sub>18</sub>H<sub>16</sub>N<sub>2</sub>Cl<sub>4</sub>Fe** Quinolinium ferrocchloride (+ 2H<sub>2</sub>O), 116.  
**C<sub>18</sub>H<sub>16</sub>N<sub>2</sub>Br<sub>2</sub>Fe** Quinolinium ferrobromide (+ 2H<sub>2</sub>O), 116.  
**C<sub>18</sub>H<sub>17</sub>O<sub>3</sub>NCl<sub>2</sub>** Diacetamide derivative of *dl*-*isodi*-*o*-chlorophenylhydroxyethylamine, 1123.  
**C<sub>16</sub>H<sub>19</sub>ON<sub>2</sub>I** *p*-Acetamidobenzyltrimethylammonium iodide, 872.  
**C<sub>18</sub>H<sub>19</sub>ON<sub>2</sub>Si** Tri-*m*-aminotriphenylsilicic, 1087.  
**C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>Se<sub>2</sub>** Bis-*o*-urethanophenyl diselenide, 1765.  
**C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>N<sub>3</sub>As** Benzyltrimethylallylarsonium picrate, 398.  
**C<sub>18</sub>H<sub>22</sub>O<sub>2</sub>N<sub>3</sub>As** Benzyltrimethyl-*n*-propylarsonium picrate, 397.  
 Benzylmethyldiethylarsonium picrate, 398.  
**C<sub>18</sub>H<sub>22</sub>O<sub>2</sub>N<sub>3</sub>As** Benzylmethyldiethylarsonium styphnate, 398.  
**C<sub>18</sub>H<sub>23</sub>O<sub>2</sub>NS** *p*-Toluenesulphonyl- $\beta$ -anilino- $\gamma$ -methylbutane, 1280.  
**C<sub>18</sub>H<sub>28</sub>N<sub>2</sub>Cl<sub>2</sub>Pt** *meso*-Stilbenediaminoisobutylenediaminoplatinous chlorides, 843.  
**C<sub>18</sub>H<sub>28</sub>N<sub>2</sub>I<sub>2</sub>Pt** *meso*-Stilbenediaminoisobutylenediaminoplatinous iodides, 843.  
**C<sub>18</sub>H<sub>30</sub>O<sub>2</sub>N<sub>4</sub>Pt** Stilbenediaminoisobutylenediaminoplatinous hydroxide, salts, resolution of, 839.  
**C<sub>18</sub>H<sub>36</sub>N<sub>2</sub>S<sub>2</sub>Ni** Nickel *N,N*-di-*n*-butyldithiocarbamate, 624.  
**C<sub>18</sub>H<sub>32</sub>Cl<sub>2</sub>P<sub>2</sub>Pd** Bis(tri-*n*-propylphosphine)palladium dichloride, 1560.  
**C<sub>18</sub>H<sub>32</sub>Cl<sub>2</sub>As<sub>2</sub>Pd** Bis(tri-*n*-propylarsine)palladium dichloride, 1561.  
**C<sub>18</sub>H<sub>32</sub>Br<sub>2</sub>As<sub>2</sub>Pd** Bis(tri-*n*-propylarsine)palladium dibromide, 1561.

## 18 V

- C<sub>18</sub>H<sub>14</sub>O<sub>4</sub>N<sub>4</sub>Cl<sub>2</sub>Ni** Nickel *p*-chlorophenylmethylglyoxime, 623.  
**C<sub>18</sub>H<sub>24</sub>O<sub>4</sub>N<sub>2</sub>P<sub>2</sub>Pd** Bis(tri-*n*-propylphosphine)palladium dinitrite, 1560.

## 18 VI

- C<sub>16</sub>H<sub>13</sub>O<sub>4</sub>N<sub>2</sub>ClSHg** 2-*o*-Nitrophenylbenzenesulphonamidophenyl mercuricchloride, 187.

C<sub>19</sub> Group.

- C<sub>19</sub>H<sub>14</sub>** 2-Methylnaphthacene, 80.  
**C<sub>19</sub>H<sub>16</sub>** Triphenylmethane, parachor of, 207.  
**C<sub>19</sub>H<sub>18</sub>** 9:3'-Dimethyl-1:2-*cyclopenten*ophenanthrene, 445.  
 2-Methyl-1:2:3:4-tetrahydronaphthacene, 82.  
**C<sub>19</sub>H<sub>20</sub>** 2-Methyl-1- $\Delta^7$ -butenyl-3:4-dihydrophenanthrene, 1635.  
**C<sub>19</sub>H<sub>22</sub>** 1:9-Dimethyl-1:2-*cyclopentano*-1:2:3:4-tetrahydrophenanthrene, 444.  
 2-Methyl-( $\beta$ -1'-naphthylethyl)- $\Delta^1$ -*cyclohexene*, 671.  
 Methyloctahydrochrysenec, 671.

## 19 II

- C<sub>19</sub>H<sub>12</sub>O<sub>3</sub>** Methyl benzanthrone-8-carboxylate, 574.  
**C<sub>19</sub>H<sub>14</sub>O** Substance, from  $\alpha$ -hydrindene and 1-bromo-2-naphthylmagnesium iodide, 771.



- $C_{19}H_{13}O_3$  2-Hydroxynaphthylideneacetophenone, 1164.  
 $C_{19}H_{14}O_3$  1-Acetyl-2-naphthyl benzoate, 870.  
 $\alpha$ -Naphthoflavone, 870.  
 $C_{19}H_{14}O_4$  Methyl hydrogen 8-(*o*-carboxyphenyl)-1-naphthoate, 572.  
 $C_{19}H_{14}O_5$  Stictic acid, 1380.  
 $C_{19}H_{16}O_5$  Ethyl 2-(3'-carboxy-4'-hydroxybenzylidene)-1-hydrindone, 945.  
 $C_{19}H_{16}O_5$  7-( $\beta$ -Acetoxyethoxy)flavone, 1100.  
 $C_{19}H_{16}O_5$  5:7:8'-Trimethoxychromenochromone, 996.  
 $C_{19}H_{16}O_{10}$  Stictic acid, 1381.  
 $C_{19}H_{18}O$  7-Methoxymethyl-1:2-cyclopentenophenanthrenes, 450, 453.  
 $C_{19}H_{18}O_2$  1:4-Dimethylanthranilpropionic acid, 1103.  
 1-*cis*- $\gamma$ -Phenyl- $\alpha$ -1-hydroxyhydrindene-2-butyrolactones, 15.  
 $C_{19}H_{18}O_3$  1:4-Dimethylanthranilpropionic acid, 1103.  
 $C_{19}H_{18}O_3$  2-Hydroxy-4-( $\beta$ -acetoxyethoxy)chalkone, 1100.  
 $C_{19}H_{18}O_5$  2'-Hydroxy-4'-( $\beta$ -acetoxyethoxy)flavylium hydroxide, and its salts, 1100.  
 $C_{19}H_{18}O_7$  *O*-Trimethylpeltogynic acid, 751.  
 $C_{19}H_{20}O$  6-Benzoyl-2:7-dimethyl-1:2:3:4-tetrahydronaphthalene, 82.  
 6-(2':4'-Dimethyl)benzoyl-1:2:3:4-tetrahydronaphthalene, 80.  
 $C_{19}H_{20}O_3$  *trans*- $\gamma$ -Phenyl- $\alpha$ -1-hydroxyhydrindene-2-butyric acid, 15.  
 $C_{19}H_{20}O_4$   $\alpha\gamma$ -Dianisoylpropane, 856.  
 $C_{19}H_{20}O_5$  Methyl  $\beta$ -veratroyl- $\alpha$ -phenylpropionate, 1415.  
 $C_{19}H_{20}O_6$  *O*-Trimethylpeltogynol, 749.  
 $C_{19}H_{20}O_6$  6-Methoxyphenoxyacetic acid-2-*O*-dimethylphloracetophenones, 996  
 $C_{19}H_{22}O_2$  Equilin methyl ether, 451.  
 2-Keto-10-methoxydecahydrochrysene, 1287.  
 $C_{19}H_{22}N_3$   $\alpha$ -Diethylamino- $\delta$ -aminopentane, and its dipicrate, 1409.  
 $C_{19}H_{24}O$   $\alpha$ -Methoxy- $\alpha\alpha$ -diphenyl- $\beta$ -methylpentane, 1218.  
 $C_{19}H_{26}O_6$  Ethyl  $\delta$ -phenyl-*n*-butene- $\alpha\beta\gamma$ -tricarboxylate, 1360.  
 $C_{19}H_{27}N_3$  8-( $\beta$ -Piperidinodimethylaminomethyl)quinoline, trihydrobromide of, 1426.  
 $C_{19}H_{30}O_3$  Ethyl  $\beta$ -hydroxy- $\zeta$ -(2:2:6-trimethyl- $\Delta^9$ -cyclohexenyl)- $\delta$ -methyl- $\Delta^{7\epsilon}$ -hexadiene- $\alpha$ -carboxylate, 586.  
 Methyl licanate, 1633.  
 $C_{19}H_{32}O_6$  Ethyl 1-carbethoxy-4-methylcyclohexane-2- $\alpha$ -glutarate, 478.  
 Ethyl 1-carbethoxy-4-methylcyclohexane-2- $\alpha'$ -methylsuccinate, 479.

## 19 III

- $C_{19}H_{12}O_2N_4$  2':4'-Dinitro-2-hydroxydiphenylamine *o*-nitrobenzoate, 1311.  
 2':4'-Dinitro-2-*o*-nitrobenzoylamino-diphenyl ether, 1311.  
 $C_{19}H_{13}ON$  2-Benzoylcarbazole, 744.  
 $C_{19}H_{15}OAs$  10-Phenyl-2-methylphenoxarsine, 1052.  
 $C_{19}H_{19}O_2N_4$  4-Methoxycinnamylidenepyrvic acid 2:4-dinitrophenylhydrazine, 1053.  
 $C_{19}H_{17}ON$  4-Benzoyldimethyl- $\alpha$ -naphthylamine, 896.  
 3:6-Dimethyl-2-naphthanilide, 79.  
 $C_{19}H_{17}O_2N$  3:11-Dimethoxyoxyprotoberberine, 294.  
 $C_{19}H_{17}O_2N$  6:7:3':4'-Bismethylenedioxy-8:6'-methylene-1:2:3:4-tetrahydroprotopapaverine, 666.  
 $C_{19}H_{17}O_2N$  3-Keto-6:7-methylenedioxy-2- $\beta$ -piperonyl-ethyl-1:2:3:4-tetrahydroisoquinoline, 665.  
 $C_{19}H_{18}ON_2$  4-Benzoyldimethyl- $\alpha$ -naphthylamine oxime, 896.  
 $C_{19}H_{18}O_2N_2$  6- $\beta$ -Piperonyl-ethylaminomethylhomopiperonylonitrile, 665.  
 $C_{19}H_{18}O_2N_2$   $\zeta$ -Phenyl- $\Delta^a$ -hexenol 3:5-dinitrobenzoates, 432.  
 $C_{19}H_{18}O_2Br_2$  Bromocyanidin tetramethyl ether bromide, 428.  
 $C_{19}H_{18}O_2B_2$  Methylnaphthazarin diboroacetate, 335.  
 $C_{19}H_{19}O_2N$  Phthal-*p*-*tert*-butylbenzylimide, 1848.  
 $C_{19}H_{19}O_2N$  6:7:3':4'-Bismethylenedioxy-2- and 6'-methyl-1:2:3:4-tetrahydroprotopapaverines, and their picrates, 666.  
 5-Methoxyhomophthal- $\beta$ -*m*-methoxyphenylethylimide, 294.  
 $C_{19}H_{19}O_2N$  6-Methylhomopiperonyl- $\beta$ -piperonyl-ethylamine, 666.  
 $C_{19}H_{19}O_2Cl$  *O*-Tetramethylfisetidin chloride, 751.  
 $C_{19}H_{19}O_2N$  6-Hydroxymethylhomopiperonyl- $\beta$ -piperonyl-ethylamine, 665.  
 $C_{19}H_{21}O_3N$  Dibenzoylvalinol, 414.  
 $C_{19}H_{21}O_3N$  5-Methoxyhomophthal- $\beta$ -*m*-methoxyphenylethylamic acid, 294.  
 $C_{19}H_{22}O_2N_2$  Apoquinidine, 969.  
 isoApoquinine, and its salts, 967.  
 $C_{19}H_{22}N_2Br$  3-Bromo-9- $\beta$ -diethylaminoethylaminophenanthridine, and its salts, 1409.  
 $C_{19}H_{24}O_2N_2$  Hydroxydihydroapoquinine, 968.  
 $C_{19}H_{24}O_2N_4$  3-Methylaltrosazone, 1200.  
 5-Methyl glucosazone, 1400.  
 $C_{19}H_{20}O_2N$  Ethyl 1-carbethoxy-4-methylcyclohexane-2- $\alpha$ -cyanosuccinate, 479.  
 $C_{19}H_{31}O_3N_3$  Licanic acid semicarbazones, 1633.

## 19 IV

- $C_{19}H_{11}O_2N_4Cl$  5-Chloro-2':4'-dinitro-2-hydroxydiphenylamine nitrobenzoates, 1312.  
 4-Chloro-2':4'-dinitro-2-nitrobenzamidodiphenyl ethers, 1312.  
 $C_{19}H_{11}O_2N_4Br$  5-Bromo-2':4'-dinitro-2-hydroxydiphenylamine nitrobenzoates, 1311.  
 4-Bromo-2':4'-dinitro-2-nitrobenzamidodiphenyl ethers, 1312.  
 $C_{19}H_{11}O_2N_4I$  5-Iodo-2':4'-dinitro-2-hydroxydiphenylamine *o*-nitrobenzoate, 1311.

- C<sub>19</sub>H<sub>12</sub>O<sub>3</sub>N<sub>3</sub>S** 3-Nitro-6-benzoylthiodiphenylamine, 342.  
**C<sub>19</sub>H<sub>12</sub>O<sub>3</sub>N<sub>3</sub>Br** 4-Bromo-2':4'-dinitro-2-benzamidodiphenyl ether, 1312.  
**C<sub>19</sub>H<sub>12</sub>O<sub>3</sub>N<sub>3</sub>S** 2-Benzamidophenyl picryl sulphide, 342.  
**C<sub>19</sub>H<sub>13</sub>O<sub>3</sub>NS** Benzenesulphonimidoxanthen, 532.  
**C<sub>19</sub>H<sub>13</sub>O<sub>3</sub>N<sub>3</sub>S** 2:4-Dinitro-2'-benzamidodiphenyl sulphide, 342.  
 2-Nitro-2'-*o*-nitrobenzoylaminodiphenyl sulphide, 184.  
**C<sub>19</sub>H<sub>14</sub>O<sub>3</sub>N<sub>3</sub>S** 2-Nitro-2'-benzamidodiphenyl sulphide, 341.  
**C<sub>19</sub>H<sub>14</sub>O<sub>3</sub>N<sub>3</sub>S** 2-Nitro-2'-benzamidodiphenylsulphone, 342.  
 5-Nitro-1-*p*-hydroxyphenyl-2-phenylbenzthiazoline *S*-dioxide, 1265.  
**C<sub>19</sub>H<sub>16</sub>O<sub>3</sub>N<sub>3</sub>S** 2-Aceto-*o*-nitroanilido-1-naphthyl methyl sulphide, 187.  
**C<sub>19</sub>H<sub>16</sub>O<sub>6</sub>N<sub>3</sub>S<sub>2</sub>** 2-*o*-Nitroanilinobenzenesulphonylphenylmethylsulphone, 186.  
 2-Nitro-2'-benzenesulphonylmethylaminodiphenylsulphone, 185.  
**C<sub>19</sub>H<sub>23</sub>ON<sub>2</sub>Cl**  $\alpha$ - and  $\alpha'$ -Chlorodihydrocinchonidines, and their salts, 1097.  
 $\alpha$ - and  $\alpha'$ -Chlorodihydrocinchonines, and their salts, 1096.  
**C<sub>19</sub>H<sub>24</sub>O<sub>3</sub>N<sub>2</sub>As<sub>2</sub>** Pimclanilido-*pp'*-diarsonic acid, and its disodium salt, 292.  
**C<sub>19</sub>H<sub>25</sub>O<sub>2</sub>NS** *p*-Toluenesulphonamido-*tert.*-hexylbenzene, 1281.

## 19 V

- C<sub>19</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>IS** 2-*o*-Nitrophenyl-1-phenylthiazolium iodide, 1264.  
**C<sub>19</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>BrS** 5-Bromo-2':4'-dinitro-2-hydroxydiphenylamine *p*-toluenesulphonate, 1311.  
**C<sub>19</sub>H<sub>16</sub>O<sub>2</sub>NIS** 3-Iodo-*p*-toluenesulphouamidodiphenyls, 1596.

C<sub>20</sub> Group.

- C<sub>20</sub>H<sub>14</sub>** Cholanthrene, synthesis of, 667, 770.  
**C<sub>20</sub>H<sub>16</sub>** 2:7-Dimethylnaphthacene, 77.  
**C<sub>20</sub>H<sub>18</sub>** 1:2:3:4-Dicyclopentenoanthracene, 1107.  
 3:4:3':4'-Tetrahydro-1:1'-dinaphthyl, 1107.  
**C<sub>20</sub>H<sub>20</sub>** 2:6- and 2:7-Dimethyl-1:2:3:4-tetrahydronaphthacenes, 82.  
**C<sub>20</sub>H<sub>24</sub>** 1:9:3'-Trimethyl-1:2-cyclopentano-1:2:3:4-tetrahydrophenanthrene, 444.  
**C<sub>20</sub>H<sub>26</sub>** 2:11-Dimethylchrysene, 1414.  
 Dodecahydrocholanthrene, 769.

## 20 II

- C<sub>20</sub>H<sub>12</sub>O<sub>4</sub>** 1:2-Benzanthraquinonyl-5-acetic acid, 771.  
**C<sub>20</sub>H<sub>14</sub>O<sub>2</sub>** 2:7-Dimethylnaphthacene-9:10-quinone, 80.  
**C<sub>20</sub>H<sub>14</sub>O<sub>3</sub>** 2'-Methoxy- $\beta$ -naphthoflavone, 870.  
**C<sub>20</sub>H<sub>16</sub>O<sub>2</sub>** 1:2:3:4-Dicyclopentenoanthraquinone, 1107.  
 $\beta$ -1-Hydrindyl- $\alpha$ -naphthoic acid, 771.  
**C<sub>20</sub>H<sub>16</sub>O<sub>4</sub>** 1-Acetyl-2-naphthyl *o*-methoxybenzoate, 870.  
 Methyl 8-(*o*-carboxymethoxyphenyl)-1-naphthoate, 571.  
**C<sub>20</sub>H<sub>16</sub>O** 2-*p*-Toluoyl-3:6-dimethylnaphthalene, 79.  
**C<sub>20</sub>H<sub>18</sub>O<sub>4</sub>** 2:11-Diketo-6:15-dimethoxyhexahydrochrysene-*a*, 1413.  
 2:11-Diketo-5:14-dimethoxyhexahydrochrysene-*b*, 1413.  
**C<sub>20</sub>H<sub>16</sub>O<sub>5</sub>** Anthronylidenedipropionic acid, 1103.  
**C<sub>20</sub>H<sub>18</sub>O<sub>6</sub>** 4'-Methoxy-7-( $\beta$ -acetoxyethoxy)flavone, 1101.  
**C<sub>20</sub>H<sub>16</sub>N<sub>3</sub>** *N*-Benzhydryl-*N'*-phenylformamidine, 1219.  
**C<sub>20</sub>H<sub>20</sub>O** 7-Methoxy-3:3'-dimethyl-1:2-cyclopentenophenanthrene, 450.  
**C<sub>20</sub>H<sub>20</sub>O<sub>2</sub>** Tetrahydro-1:2:3:4-dicyclopentenoanthraquinone, 1107.  
**C<sub>20</sub>H<sub>20</sub>O<sub>3</sub>** 2-( $\beta$ -Benzoyl-*o*-hydroxyphenylethyl)cyclopentanone, 1118.  
**C<sub>20</sub>H<sub>20</sub>O<sub>4</sub>** 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)naphthalene, 640.  
 1:2-cycloHexanediol dibenzoates, 1271.  
**C<sub>20</sub>H<sub>20</sub>O<sub>6</sub>** 2-Hydroxy-4-( $\beta$ -acetoxyethoxy)-4'-methoxychalkon, 1100.  
**C<sub>20</sub>H<sub>22</sub>O** *p*-Toluoyldimethyl-1:2:3:4-tetrahydronaphthalenes, 82.  
**C<sub>20</sub>H<sub>22</sub>O<sub>2</sub>** 1:1'-Dihydroxyoctahydro-1:1'-dinaphthyl, 1107.  
 6:15-Dimethoxyhexahydrochrysene, 1413.  
 5:14-Dimethoxyhexahydrochrysene-*b*, 1413.  
**C<sub>20</sub>H<sub>22</sub>O<sub>3</sub>** Ethyl 2- $\beta$ -naphthylmethylcyclohexanone-2-carboxylate, 1322.  
**C<sub>20</sub>H<sub>22</sub>O<sub>4</sub>** Butyl hydrogen diphenylsuccinates, 158.  
 5:8-Dihydro-5:6:7:8-dicyclopentenonaphthaquinyl diacetate, 1106.  
**C<sub>20</sub>H<sub>22</sub>O<sub>6</sub>**  $\beta\gamma$ -Dianisyladipic-*b* acid, 1413.  
 $\beta\gamma$ -Di-3-methoxyphenyladipic- $\alpha$  acid, 1413.  
*O*-Tetramethylpeltogynol, 749.  
**C<sub>20</sub>H<sub>22</sub>O<sub>9</sub>** 4:5-Dimethoxyphenoxyacetic acid-2-(2':4'-*O*-dimethyl)phloracetophenone, 684  
**C<sub>20</sub>H<sub>24</sub>O** Ketododecahydrocholanthrene, 769.  
 7-Methoxy-1:3'-dimethyl-1:2:3:4-tetrahydro-1:2-cyclopentenophenanthrene, 453.  
 1-( $\beta$ -6'-Methoxy-1'-naphthylethyl)-2:5-dimethyl- $\Delta^1$ -cyclopentene, 453.  
**C<sub>20</sub>H<sub>24</sub>O<sub>2</sub>** Dodecahydro-1:2-benzanthryl-5-acetic acid, 769.  
**C<sub>20</sub>H<sub>24</sub>O<sub>3</sub>** Methyl 2- $\beta$ -1'-naphthylethyl-1-methylcyclopentan-2-ol-1-carboxylate, 1531.  
**C<sub>20</sub>H<sub>26</sub>O** 2:5-Dimethyl-1- $\beta$ -(4-methyl-1-naphthyl)ethylcyclopentan-1-ol, 444.  
**C<sub>20</sub>H<sub>26</sub>O<sub>2</sub>**  $\alpha\zeta$ -Di-*p*-anisylhexane, 1092.  
**C<sub>20</sub>H<sub>26</sub>N<sub>3</sub>** 8-( $\beta$ -Piperidinoethylpropylaminomethyl)quinoline, and its trihydrobromide, 1426.  
**C<sub>20</sub>H<sub>44</sub>Pb** Tetra-*n*- and -*dl*-amyl-lead, 42.  
**C<sub>20</sub>H<sub>44</sub>Sn** Tetra-amylin, 41.

## 20 III

- C<sub>20</sub>H<sub>12</sub>O<sub>2</sub>Br<sub>2</sub>** 4:6-Dibromoresorcinol dibenzoate, 948.  
**C<sub>20</sub>H<sub>13</sub>O<sub>3</sub>N** 4-Benzoylnaphthalomethylimide, 499.  
**C<sub>20</sub>H<sub>13</sub>O<sub>3</sub>N<sub>3</sub>** 2-Nitro-1-hydroxynaphthalene-4-azo- $\beta$ -naphthol, 673.  
**C<sub>20</sub>H<sub>14</sub>O<sub>10</sub>N<sub>6</sub>** 2':4'-Dinitro-5-acetodinitroanilido-2-hydroxydiphenylamine, 198.  
**C<sub>20</sub>H<sub>15</sub>O<sub>4</sub>N** Nitrobenzoylphenyl *p*-tolyl ethers, 1238.  
**C<sub>20</sub>H<sub>15</sub>O<sub>5</sub>N<sub>5</sub>** 2-Nitro-5-benzoyloxybenzaldehyde 2:4-dinitrophenylhydrazonc, 1266.  
**C<sub>20</sub>H<sub>15</sub>N<sub>3</sub>Cl** 7-Chloro-2:3-diphenyl-5-ethylpyrimidazine, 1284.  
**C<sub>20</sub>H<sub>16</sub>O<sub>2</sub>N<sub>4</sub>** 1:2-*cyclo*Hexanediol bisdinitrobenzoates, 1271.  
**C<sub>20</sub>H<sub>16</sub>N<sub>2</sub>Se<sub>2</sub>** Bis-2-amino- $\alpha$ -naphthyl diselenide, 1766.  
**C<sub>20</sub>H<sub>17</sub>O<sub>3</sub>N<sub>3</sub>** 2-Nitro-5-benzoyloxybenzaldehyde phenylhydrazonc, 1266.  
**C<sub>20</sub>H<sub>17</sub>N<sub>3</sub>Cl** *N*-Benzhydryl-*N'*-*p*-chlorophenylformamidine, 1219.  
**C<sub>20</sub>H<sub>18</sub>O<sub>4</sub>Cu** Copper benzoylacetate, 733.  
**C<sub>20</sub>H<sub>18</sub>O<sub>5</sub>N<sub>2</sub>** 1:2-*cyclo*Hexanediol dinitrobenzoate-benzoates, 1271.  
**C<sub>20</sub>H<sub>19</sub>O<sub>2</sub>Br** *trans*- $\beta$ -*p*-Bromophenyl- $\alpha$ -1-acetoxyhydrindene-2-propionic acid, 16.  
**C<sub>20</sub>H<sub>19</sub>O<sub>6</sub>N** 5:6-Dimethoxyhomophthalo- $\beta$ -piperonylethylimide, 294.  
**C<sub>20</sub>H<sub>20</sub>O<sub>6</sub>N<sub>2</sub>**  $\zeta$ -Phenyl- $\delta$ -methyl- $\Delta^{\alpha}$ -hexen- $\delta$ -ol 3:5-dinitrobenzoate, 432.  
**C<sub>20</sub>H<sub>20</sub>O<sub>7</sub>N<sub>2</sub>**  $\zeta$ -*m*-Methoxyphenyl- $\Delta^{\alpha}$ -hexen- $\gamma$ -ol 3:5-dinitrobenzoate, 435.  
**C<sub>20</sub>H<sub>21</sub>O<sub>7</sub>N** 6-Methoxymethylhomopiperonyl- $\beta$ -piperonylethylamine, 665.  
**C<sub>20</sub>H<sub>21</sub>O<sub>7</sub>N** 5:6-Dimethoxyhomophthalo- $\beta$ -piperonylethylamic acid, 295.  
**C<sub>20</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl 4-acetamidodiphenyl-4'- $\beta$ -aminoacetate, 1570.  
**C<sub>20</sub>H<sub>22</sub>O<sub>3</sub>N<sub>2</sub>** Ethyl 4-(6'-nitro-3':4'-methylenedioxyphenyl)-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylate, 818.  
**C<sub>20</sub>H<sub>23</sub>O<sub>3</sub>N** Diacetyl derivative of *isodi-o*-methoxyphenylhydroxyethylamine, 1121.  
Methyl 5-methoxyhomophthalo- $\beta$ -*m*-methoxyphenylethylamate, 294.  
**C<sub>20</sub>H<sub>23</sub>O<sub>6</sub>N** Ethyl 4-(3':1'-methylenedioxyphenyl)-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylate, 818.  
**C<sub>20</sub>H<sub>23</sub>O<sub>6</sub>N<sub>5</sub>** *l*-Eseroline methopicate, 758.  
**C<sub>20</sub>H<sub>24</sub>ON**  $\beta$ -Xylidinoecrotonoxylidides, 113.  
**C<sub>20</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>** Apoquinidine methyl ether, and its salts, 971.  
 $\beta$ -*iso*Quinidine, 970.  
**C<sub>20</sub>H<sub>24</sub>O<sub>3</sub>N<sub>2</sub>**  $\beta$ -*p*-Phenetidinoecrotono-*p*-phenetide, 113.  
**C<sub>20</sub>H<sub>24</sub>O<sub>6</sub>N<sub>2</sub>** 2-Hydroxy-4-( $\beta$ -hydroxyethoxy)acetophenoneazine, 1099.  
**C<sub>20</sub>H<sub>24</sub>O<sub>8</sub>N<sub>2</sub>** Ethyl 4-(nitrohydroxy-3'-methoxyphenyl)-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylates, 817.  
**C<sub>20</sub>H<sub>25</sub>ON** 2-Methoxy-9- $\beta$ -diethylaminoethylaminophenanthridine, and its salts, 1409.  
**C<sub>20</sub>H<sub>25</sub>O<sub>2</sub>N** Methyl 2- $\beta$ -1'-naphthylethyl-1-methylcyclopentan-2-ol-1-carboxylamide, 1532.  
**C<sub>20</sub>H<sub>25</sub>O<sub>6</sub>N** Ethyl 4-(hydroxymethoxyphenyl)-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylates, 817.  
**C<sub>20</sub>H<sub>26</sub>N<sub>2</sub>Si** Di-*m*-acetamidodiphenyldiethylsilicane, 1091.  
**C<sub>20</sub>H<sub>26</sub>O<sub>11</sub>I** 1-( $\alpha$ -Iodoisohexoyl)tetra-acetyl glucose, 1024.  
**C<sub>20</sub>H<sub>27</sub>O<sub>3</sub>N** Ethyl 1-carbethoxy-4-methylcyclohexane-2-( $\alpha$ -cyano- $\alpha'$ -methylsuccinate), 478.  
Ethyl 1-carbethoxy-4-methylcyclohexane-2-( $\alpha$ -cyano- $\alpha'$ -methylsuccinate), 479.  
**C<sub>20</sub>H<sub>30</sub>N<sub>4</sub>Au** Diethyleyanogold, 1028.

## 20 IV

- C<sub>20</sub>H<sub>12</sub>O<sub>6</sub>N<sub>2</sub>S<sub>2</sub>** 3:3'-Dinitro-4:4'-dihydroxydinaphthyl disulphide, 673.  
**C<sub>20</sub>H<sub>16</sub>O<sub>4</sub>NS** Benzoylnitrophenyl 4-hydroxy-*m*-tolyl sulphides, 1238.  
**C<sub>20</sub>H<sub>16</sub>O<sub>5</sub>N<sub>2</sub>S** 2-*o*-Nitrobenzo-*o*-nitroanilidodiphenyl methyl sulphide, 188.  
2-Nitro-2'-methyl-*o*-nitrobenzamidodiphenyl sulphide, 185.  
**C<sub>20</sub>H<sub>16</sub>O<sub>6</sub>NS** Benzoylnitrophenyl-4-hydroxy-*m*-tolylsulphones, 1238.  
**C<sub>20</sub>H<sub>16</sub>O<sub>3</sub>N<sub>2</sub>S** 2-*o*-Nitrophenylbenzamidophenyl methyl sulphide, 342.  
**C<sub>20</sub>H<sub>16</sub>O<sub>6</sub>N<sub>2</sub>S** 2-*o*-Nitrophenylbenzamidophenylmethylsulphone, 342.  
**C<sub>20</sub>H<sub>18</sub>O<sub>14</sub>As** 10-Phenyl-2-methylphenoxarsine, 1052.  
**C<sub>20</sub>H<sub>22</sub>O<sub>6</sub>NCI** Ethyl 4-(6'-chloro-3':4'-methylenedioxyphenyl)-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylate, 818.  
**C<sub>20</sub>H<sub>22</sub>O<sub>6</sub>NBr** Ethyl 4-(6'-bromo-3':4'-methylenedioxyphenyl)-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylate, 818.  
**C<sub>20</sub>H<sub>23</sub>O<sub>2</sub>N<sub>2</sub>Cl**  $\alpha$ - and  $\alpha'$ -Chlorodihydroquinidines, and their salts, 1097.  
 $\alpha$ - and  $\alpha'$ -Chlorodihydroquinines, and their salts, 1095.  
**C<sub>20</sub>H<sub>26</sub>O<sub>8</sub>N<sub>2</sub>As<sub>2</sub>** Suberanilide-*pp'*-diarsonic acid, and its disodium salt, 293.  
**C<sub>20</sub>H<sub>26</sub>O<sub>2</sub>Cl<sub>2</sub>Hg** Bis-3-chlorocamphor-10-mercury, 536.  
**C<sub>20</sub>H<sub>26</sub>O<sub>2</sub>Br<sub>2</sub>Hg** Bis-3-bromocamphor-10-mercury, 536.  
**C<sub>20</sub>H<sub>26</sub>Cl<sub>2</sub>S<sub>2</sub>Pd** Bis(phenylbutylsulphide)palladium dichlorides, 1559.  
**C<sub>20</sub>H<sub>44</sub>Cl<sub>2</sub>S<sub>2</sub>Pd** Bis(di-*n*-amylsulphide)palladium dichloride, 1558.

## 20 V

- C<sub>20</sub>H<sub>44</sub>O<sub>4</sub>N<sub>2</sub>S<sub>2</sub>Pd** Bis(di-*n*-amylsulphide)palladium dinitrite, 1559.

C<sub>21</sub> Group.

- C<sub>21</sub>H<sub>14</sub>** 1:2:5:6-Dibenzfluorene, 1325.  
1':2'-Naphtha-2:3-fluorene, 1324.  
**C<sub>21</sub>H<sub>18</sub>** 5-*n*-Propyl-1:2-benzanthracene, 770.  
**C<sub>21</sub>H<sub>24</sub>** 2-Methyl-( $\beta$ -1'-acenaphthylethyl)- $\Delta^1$ -cyclohexene, 670.

## 21 II

- C<sub>21</sub>H<sub>12</sub>O** 1':2'-Naphtha-2:3-fluorenone, 1324.  
**C<sub>21</sub>H<sub>14</sub>O<sub>2</sub>** 2-Styryl-1:4- $\alpha$ -naphthapyrone, 870.  
 3-Styryl-1:4- $\beta$ - $\alpha$ -naphthapyrone, 868.  
**C<sub>21</sub>H<sub>16</sub>O<sub>2</sub>** 5-*n*-Propyl-1:2-benzanthracene, 770.  
 3-Styryl-2:3-dihydro-1:4- $\beta$ - $\alpha$ -naphthapyrone, 868.  
**C<sub>21</sub>H<sub>16</sub>O<sub>3</sub>** 2-Acetyl-1-naphthyl cinnamate, 870.  
 $\omega$ -Cinnamoyl-2-acetyl-1-naphthol, 870.  
**C<sub>21</sub>H<sub>17</sub>N<sub>3</sub>** 3-Benzeneazo-2-phenylmethylindoles, 1211.  
**C<sub>21</sub>H<sub>16</sub>O<sub>2</sub>** 2-Phenyl-naphthapyranol 4-ethyl ether, 1164.  
**C<sub>21</sub>H<sub>18</sub>O<sub>3</sub>** 3:4-Dibenzyl-oxylbenzaldehyde, 867.  
**C<sub>21</sub>H<sub>18</sub>O<sub>7</sub>**  $\beta$ -(3:4:5-Trimethoxybenzoyl)- $\alpha$ -(3':4'-methylenedioxybenzylidene)propiono- $\gamma$ -lactone, 1580.  
**C<sub>21</sub>H<sub>18</sub>O<sub>9</sub>** Trimethylstictic acid, 1381.  
**C<sub>21</sub>H<sub>19</sub>N** Benzhydrylidene- $\alpha$ -phenylethylamines, 1782.  
**C<sub>21</sub>H<sub>20</sub>O** 3-Keto-1-phenyl-11-methylhexahydrophenanthrene, 1287.  
**C<sub>21</sub>H<sub>20</sub>O<sub>3</sub>** Hexahydrocholanthrenecarboxylic acid, 670.  
**C<sub>21</sub>H<sub>20</sub>O<sub>6</sub>** 2-Acetoxy-4-( $\beta$ -acetoxyethoxy)chalkone, 1100.  
 $\beta$ -3:4-Dimethoxybenzoyl- $\alpha$ -(3':4'-dimethoxybenzylidene)propionic lactone, 640.  
 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)naphthalene-3-carboxylic acid, 640.  
**C<sub>21</sub>H<sub>20</sub>O<sub>7</sub>**  $\gamma$ -Di-(3:4-dimethoxyphenyl)itaconic anhydride, 641.  
 1-Keto-5:6-dimethoxy-3-(3':4'-dimethoxyphenyl)indene-2-acetic acid, 641.  
**C<sub>21</sub>H<sub>20</sub>O<sub>8</sub>**  $\beta$ -(3:4:5-Trimethoxybenzoyl)- $\alpha$ -(3':4'-methylenedioxybenzylidene)propionic acid, 1580.  
**C<sub>21</sub>H<sub>20</sub>N<sub>2</sub>** *N*-Benzhydryl-*N'*-*p*-tolylformamidinc, 1219.  
**C<sub>21</sub>H<sub>22</sub>O<sub>3</sub>** 2-( $\beta$ -Benzoyl- $\alpha$ -*o*-hydroxyphenylethyl)cyclohexanone, 1117.  
 11-Hydroxy-9-phenacylhexahydroxanthene, 1117.  
**C<sub>21</sub>H<sub>22</sub>O<sub>6</sub>** Diphenylglycerol triacetate, 85.  
**C<sub>21</sub>H<sub>22</sub>O<sub>7</sub>**  $\beta$ -3:4-Dimethoxybenzoyl- $\alpha$ -(3':4'-dimethoxybenzylidene)propionic acid, 640.  
 4-Keto-6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)-1:2:3:4-tetrahydronaphthalene-2-carboxylic acid, 641.  
**C<sub>21</sub>H<sub>22</sub>O<sub>8</sub>**  $\gamma$ -Di-(3:4-dimethoxyphenyl)itaconic acid, 641.  
**C<sub>21</sub>H<sub>24</sub>O<sub>4</sub>**  $\alpha$ -( $\beta'$ -1-Acenaphthylethyl)picmelic acid, 669.  
 $\alpha\gamma$ -Diphenetylpropane, 856.  
**C<sub>21</sub>H<sub>24</sub>O<sub>6</sub>** 5:6-Dimethoxy-3-(3':4'-dimethoxyphenyl)hydrindene-2-acetic acid, 641.  
 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)-1:2:3:4-tetrahydronaphthalene-2-carboxylic acid, 641.  
**C<sub>21</sub>H<sub>24</sub>O<sub>8</sub>** Bis-(3:4-dimethoxyphenyl)methylsuccinic acid, 641.  
**C<sub>21</sub>H<sub>28</sub>O<sub>3</sub>** Substance, from clovenic anhydride and magnesium phenyl bromide, 1298.  
**C<sub>21</sub>H<sub>31</sub>N<sub>3</sub>** 8-( $\beta$ -Piperidinoethyl)butylaminomethylquinolines, and their salts, 1426.

## 21 III

- C<sub>21</sub>H<sub>13</sub>O<sub>3</sub>Cl** 7-Hydroxy-3:4-coumareno(2'':3'')-flavylium chloride, 944.  
**C<sub>21</sub>H<sub>13</sub>O<sub>3</sub>Cl** 7:6'-Dihydroxy-4-phenyl-2:3-coumareno(3':2')-chromylium chloride, 943.  
**C<sub>21</sub>H<sub>14</sub>O<sub>3</sub>S** 1-Anthraquinonyl 4-hydroxy-*m*-tolyl sulphide, 1235.  
**C<sub>21</sub>H<sub>14</sub>O<sub>3</sub>S** 1'-Anthraquinonyl-4-hydroxy-*m*-tolylsulphone, 1236.  
 1-Anthraquinonyl 3-sulphino-*p*-tolyl ether, 1236.  
**C<sub>21</sub>H<sub>14</sub>N<sub>3</sub>S** 1:3-Diphenyl-4:5-thionaphthenopyrazole, 473.  
**C<sub>21</sub>H<sub>15</sub>O<sub>2</sub>N** Benzoylacetylcarbazoles, 744.  
**C<sub>21</sub>H<sub>15</sub>O<sub>2</sub>Cl** 7:4'-Dihydroxy-4-phenylflavylium chloride, 943.  
 7:8-Dihydroxy-4-phenylflavylium chloride, 944.  
 7-Hydroxy-4-*p*-hydroxyphenylflavylium chloride, 942.  
**C<sub>21</sub>H<sub>16</sub>OBr<sub>2</sub>** *p*-Bromophenyl  $\beta$ -*p*-bromophenyl- $\beta$ -phenylethyl ketone, 991.  
**C<sub>21</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>**  $\beta$ -1-Acenaphthylethyl 3:5-dinitrobenzoate, 669.  
**C<sub>21</sub>H<sub>17</sub>OCl** *p*-Chlorophenyl  $\beta\beta$ -diphenylethyl ketone, 991.  
**C<sub>21</sub>H<sub>18</sub>O<sub>4</sub>N<sub>4</sub>** 2'-Methyldeoxybenzoin 2:4-dinitrophenylhydrazone, 1125.  
**C<sub>21</sub>H<sub>18</sub>O<sub>5</sub>Br<sub>2</sub>** Dibromo-6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)naphthalene-3-carboxylic acid, 640.  
**C<sub>21</sub>H<sub>18</sub>O<sub>5</sub>N<sub>4</sub>** *dl*-1-Methylcyclohexane-1:2-diol bis-3:5-dinitrobenzoate, 1272.  
**C<sub>21</sub>H<sub>19</sub>ON**  $\omega$ -Anilino- $\omega$ -benzylacetophenone, 1032.  
 4-Benzylmethylaminobenzophenone, 896.  
**C<sub>21</sub>H<sub>19</sub>OCl** Triphenylmethyl  $\beta$ -chloroethyl ether, 140.  
**C<sub>21</sub>H<sub>19</sub>O<sub>2</sub>N** Ethyl 2-aldehydro-4-methoxyphenoxyacetate azlactone, 994.  
**C<sub>21</sub>H<sub>19</sub>O<sub>2</sub>Br** Bromo-6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)naphthalene-3-carboxylic acid, 640.  
**C<sub>21</sub>H<sub>19</sub>O<sub>2</sub>N** 2'-Nitro-2-acetoxy-4-( $\beta$ -acetoxyethoxy)chalkone, 1101.  
**C<sub>21</sub>H<sub>20</sub>ON<sub>2</sub>** *N*-Benzhydryl-*N'*-*p*-methoxyphenylformamidinc, 1219.  
**C<sub>21</sub>H<sub>20</sub>O<sub>2</sub>N<sub>4</sub>** 1-Keto-7-methoxyhexahydrophenanthrene 2:4-dinitrophenylhydrazone, 1291.  
**C<sub>21</sub>H<sub>20</sub>O<sub>14</sub>Br<sub>3</sub>** Hydroxydroserone diboroacetate, 335.  
**C<sub>21</sub>H<sub>21</sub>O<sub>2</sub>N** 6:7:3':4'-Bismethylenedioxy-8:6'-methyleneprotolaudanosine methine, and its salts, 666.  
**C<sub>21</sub>H<sub>21</sub>O<sub>2</sub>N** 2:3:1:1:2-Tetramethoxyoxyprotoberberine, 295.  
**C<sub>21</sub>H<sub>21</sub>O<sub>2</sub>N<sub>5</sub>** Piperidinomethylquinoline picrates, 1144.  
**C<sub>21</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** Strychnine, 935, 1291, 1685.  
**C<sub>21</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** 6:7:3':4'-Bismethylenedioxy-2-carbamyl-6'-methoxymethyl-1:2:3:4-tetrahydroprotopapaverine, 666.  
**C<sub>21</sub>H<sub>22</sub>O<sub>2</sub>Br<sub>2</sub>** Dibromo-6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)-1:2:3:4-tetrahydronaphthalene-2-carboxylic acid, 642.  
**C<sub>21</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>**  $\zeta$ -3-Methoxyphenyl- $\delta$ -methyl- $\Delta^a$ -hexen- $\delta$ -ol 3:5-dinitrobenzoate, 433.  
**C<sub>21</sub>H<sub>23</sub>O<sub>2</sub>N** 5:6-Dimethoxyhomophthalo- $\beta$ -veratrylethylimide, 295.  
**C<sub>21</sub>H<sub>23</sub>O<sub>7</sub>N** Methyl 5:6-dimethoxyhomophthalo- $\beta$ -piperonylethylamate, 295.

- C<sub>21</sub>H<sub>23</sub>O<sub>8</sub>S** 2-*p*-Toluenesulphonyl 4:6-benzylidene  $\alpha$ -methylglucoside, 1198.  
**C<sub>21</sub>H<sub>25</sub>O<sub>2</sub>N** 5:6-Dimethoxyhomophthalo- $\beta$ -veratrylethylamic acid, 295.  
**C<sub>21</sub>H<sub>26</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl 4-(nitro-3':4'-dimethoxyphenyl)-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylates, 818.  
**C<sub>21</sub>H<sub>27</sub>O<sub>2</sub>N** Ethyl  $\alpha$ -cyano- $\alpha$ -(*trans*-2-carbethoxycyclopentyl)- $\gamma$ -phenylbutyrate, 1538.  
**C<sub>21</sub>H<sub>27</sub>O<sub>2</sub>N** Ethyl 4-(3':4'-dimethoxyphenyl)-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylate, 818.  
**C<sub>21</sub>H<sub>28</sub>O<sub>4</sub>N<sub>4</sub>** Dinitro-4:4'-bisdiethylaminodiphenylmethane, 58.  
 Trimethylglucosazone, 1402.

## 21 IV

- C<sub>21</sub>H<sub>16</sub>O<sub>3</sub>N<sub>2</sub>S** 2-Nitro-2'-cinnamidodiphenyl sulphide, 1264.  
**C<sub>21</sub>H<sub>17</sub>ONCl<sub>2</sub>** Benzylidene*sodi*-*o*-chlorophenylhydroxyethylamine, 1123.  
**C<sub>21</sub>H<sub>17</sub>O<sub>2</sub>NCl<sub>2</sub>** Salicylidene*sodi*-*o*-chlorophenylhydroxyethylamine, 1123.  
**C<sub>21</sub>H<sub>22</sub>O<sub>4</sub>NI** 2:3:11:12-Tetramethoxyoxyprotoberberine iodide, 295.  
**C<sub>21</sub>H<sub>29</sub>O<sub>2</sub>NS** *p*-Toluenesulphonyl-*sec*.-octylaniline, 1282.

## 21 V

- C<sub>21</sub>H<sub>15</sub>O<sub>2</sub>N<sub>2</sub>IS** 2-*o*-Nitrophenyl-1-styrylthiazolinium iodide, 1264.

C<sub>22</sub> Group.

- C<sub>22</sub>H<sub>20</sub>** Methyltetrahydro-1:2:5:6-dibenzfluorene, 1325.  
 3- $\beta$ -Phenylethyl-2-methyl-4:5-benzindene, 1325.  
**C<sub>22</sub>H<sub>22</sub>** Octahydro-1:2:3:4-dibenzanthracene, 1684.

## 22 II

- C<sub>22</sub>H<sub>16</sub>O<sub>2</sub>** Benzoyloxyflavones, 868.  
 2-*p*-Methoxystyryl-1:4-*a*-naphthapyrone, 870.  
**C<sub>22</sub>H<sub>16</sub>O<sub>8</sub>** 6:7-Methylenedioxy-1-(3':4':5'-trimethoxyphenyl)naphthalene-2:3-dicarboxylic anhydride, 1581.  
**C<sub>22</sub>H<sub>16</sub>O<sub>2</sub>**  $\gamma$ -Hydroxy- $\alpha\gamma\gamma$ -triphenyl-*n*-butyrolactone, 1370.  
**C<sub>22</sub>H<sub>16</sub>O<sub>3</sub>** 7-Benzoyloxyflavanone, 867.  
 2-Hydroxy-4-benzoyloxyphenyl styryl ketone, 867.  
**C<sub>22</sub>H<sub>16</sub>O<sub>4</sub>** 2-Acetyl-1-naphthyl *p*-methoxycinnamate, 870.  
 2-Benzoyloxy-5-benzoyloxyacetophenone, 869.  
 2-Hydroxy-5-benzoyloxydibenzylmethane, 869.  
 $\omega$ -*p*-Methoxycinnamoyl-2-acetyl-1-naphthol, 870.  
**C<sub>22</sub>H<sub>16</sub>O<sub>7</sub>** 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)naphthalene-2:3-dicarboxylic anhydride, 640.  
 6:7-Methylenedioxy-1-(3':4':5'-trimethoxyphenyl)-2-hydroxymethylnaphthalene 3-carboxylic lactone, 1580.  
**C<sub>22</sub>H<sub>14</sub>N<sub>2</sub>**  $\beta$ -Benzhydrylamino- $\alpha$ -phenylacrylonitrile, 1219.  
**C<sub>22</sub>H<sub>16</sub>O<sub>2</sub>** 4-Hydroxy-2-methyldibenzyl benzoate, 1125.  
 Octahydro-1:2:3:4-dibenzanthraquinone, 1684.  
**C<sub>22</sub>H<sub>20</sub>O<sub>6</sub>** 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)-2-hydroxymethylnaphthalene-3-carboxylic lactone, 1580.  
 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)hydroxymethylnaphthalenecarboxylic lactones, 643.  
 Tetramethoxybenzo-3:4-fluorene-1-carboxylic acid, 1579.  
**C<sub>22</sub>H<sub>20</sub>O<sub>8</sub>** 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)naphthalene-2:3-dicarboxylic acid, 640.  
 $\beta$ :3:4:5-Trimethoxybenzoyl- $\alpha$ -(3':4'-methylendioxybenzylidene)- $\beta$ -methylenepropionic acid, 1580.  
**C<sub>22</sub>H<sub>22</sub>O** Octahydrodibenzanthrone, 1684.  
**C<sub>22</sub>H<sub>22</sub>O<sub>2</sub>** Decahydro-1:2:3:4-dibenzanthraquinone, 1107.  
**C<sub>22</sub>H<sub>22</sub>O<sub>3</sub>** *o*-Octahydrophenanthroylbenzoic acid, 1684.  
**C<sub>22</sub>H<sub>22</sub>O<sub>5</sub>** 2:3-Dimethylanthrondicpropionic acid, 1103.  
**C<sub>22</sub>H<sub>22</sub>O<sub>6</sub>** 2:11-Diketo-5:6:13:14-tetramethoxyhexahydrochrysene-*a*, 1414.  
**C<sub>22</sub>H<sub>22</sub>O<sub>7</sub>** 2-Acetoxy-4-( $\beta$ -acetoxyethoxy)-4'-methoxychalkone, 1100.  
 $\beta$ :3:4-Dimethoxybenzoyl- $\beta$ -(3':4'-dimethoxybenzylidene)- $\beta$ -methylenepropionic acid, 1579.  
**C<sub>22</sub>H<sub>21</sub>O<sub>2</sub>** Dodecahydro-1:2:3:4-dibenzanthraquinone, 1107.  
 $\omega$ -Octahydrophenanthryl-*o*-toluic acid, 1684.  
**C<sub>22</sub>H<sub>24</sub>O<sub>4</sub>** Ethyl 6:7-dimethoxy-2-phenyl-3:4-dihydronaphthyl-1-acetate, 1416.  
**C<sub>22</sub>H<sub>21</sub>O<sub>6</sub>** 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)-3-hydroxymethyl-1:2:3:4-tetrahydronaphthalene-2-carboxylic lactones, 642.  
**C<sub>22</sub>H<sub>21</sub>O<sub>7</sub>** 3-Benzoyl 4:6-benzylidene 2-methyl  $\alpha$ -methylaltroside, 1197.  
**C<sub>22</sub>H<sub>26</sub>O<sub>4</sub>** Decahydro-5:6:7:8-dibenznaphthaquinyl diacetate, 1106.  
 $\alpha\delta$ -Diphenetylbutane, 1093.  
 Ethyl 2-( $\beta$ -6'-methoxy-1'-naphthylethyl)methylcyclopentanone-2-carboxylates, 252.  
 5:6:13:14-Tetramethoxyhexahydrochrysene-*a*, 1414.  
**C<sub>22</sub>H<sub>26</sub>O<sub>6</sub>** Matairesinol dimethyl ether, 635.  
 Methyl  $\beta\gamma$ -dianisyl adipate-*b*, 1412.  
 Methyl  $\beta\gamma$ -di-3-methoxyphenyladipate-*a*, 1413.  
**C<sub>22</sub>H<sub>26</sub>O<sub>8</sub>** 4-Hydroxy-6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)-3-hydroxymethyl-1:2:3:4-tetrahydronaphthalene-2-carboxylic acid, 642.  
**C<sub>22</sub>H<sub>26</sub>N<sub>3</sub>**  $\delta$ -Diethylamino- $\alpha$ -methylbutylamino-9-phenanthridine, and its salts, 1409.  
**C<sub>22</sub>H<sub>30</sub>O<sub>2</sub>**  $\alpha\zeta$ -Di-*p*-phenetylhexane, 1093.  
**C<sub>22</sub>H<sub>34</sub>O<sub>4</sub>** Ethyl  $\alpha$ - and  $\beta$ -santalylmalonates, 313.  
**C<sub>22</sub>H<sub>48</sub>Pb** Di-*n*-amyl-di-*n*-hexyl-lead, 42.

## 22 III

- C<sub>22</sub>H<sub>15</sub>O<sub>2</sub>Cl** 7-Hydroxy-6'-methoxy-4-phenyl-2:3-coumareno(3':2')-chromylium chloride, 943.  
**C<sub>22</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>** 3-Benzoyloximino-2-phenylmethylindolenines, 1211.  
**C<sub>22</sub>H<sub>18</sub>O<sub>2</sub>N<sub>4</sub>** Peltogynol 2:4-dinitrophenylhydrazine, 750.  
**C<sub>22</sub>H<sub>19</sub>O<sub>2</sub>Cl** 6:7-Methylenedioxy-1-(3':4':5'-trimethoxyphenyl)-2-chloromethylnaphthalene-3-carboxylic acid, 1580.  
**C<sub>22</sub>H<sub>19</sub>O<sub>2</sub>Br** 4-Hydroxy-6:7-dimethoxy-1-(6'-bromo-3':4'-dimethoxyphenyl)-3-hydroxymethylnaphthalene-2-carboxylic lactone, 642.  
**C<sub>22</sub>H<sub>20</sub>O<sub>3</sub>Cl<sub>2</sub>** 4':5'-Dichloro-octahydrophenanthrolylbenzoic acid, 1684.  
**C<sub>22</sub>H<sub>20</sub>O<sub>3</sub>S<sub>3</sub>** *a-p*-Carboxyphenylsulphonyl-*a-p*-tolylsulphonyl-*a*-phenylthioethane, 20.  
**C<sub>22</sub>H<sub>21</sub>ON** 4-Benzylethylaminobenzophenone, 896.  
**C<sub>22</sub>H<sub>21</sub>O<sub>6</sub>Cl**  $\beta$ -3:4-Dimethoxybenzoyl-*a*-(3':4'-dimethoxybenzylidene)- $\beta$ -chloromethylpropionolactone, 1579.  
**C<sub>22</sub>H<sub>21</sub>O<sub>6</sub>Cl** 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)-2-chloromethylnaphthalene-3-carboxylic acid, 1579.  
**C<sub>22</sub>H<sub>22</sub>ON<sub>2</sub>** 4-Benzylethylaminobenzophenone oxime, 896.  
**C<sub>22</sub>H<sub>22</sub>O<sub>14</sub>N<sub>4</sub>** Tetranitromatairesinol dimethyl ether, 635.  
**C<sub>22</sub>H<sub>24</sub>O<sub>6</sub>Br<sub>2</sub>** Dibromomatairesinol dimethyl ether, 635.  
**C<sub>22</sub>H<sub>24</sub>O<sub>6</sub>N<sub>4</sub>** Ethyl  $\beta$ -*o*-toluoylthane- $\alpha\alpha$ -dicarboxylate 2:4-dinitrophenylhydrazine, 1000.  
**C<sub>22</sub>H<sub>24</sub>O<sub>10</sub>N<sub>4</sub>** Dinitromatairesinol dimethyl ether, 635.  
**C<sub>22</sub>H<sub>24</sub>N<sub>3</sub>Br<sub>3</sub>** Di(quinolyl-8-methyl)ethylamine hydrobromide, 1144.  
**C<sub>22</sub>H<sub>26</sub>O<sub>6</sub>S** 3-*p*-Toluenesulphonyl 4:6-benzylidene 2-methyl  $\alpha$ -methylaltroside, 1197.  
**C<sub>22</sub>H<sub>27</sub>O<sub>7</sub>N** Methyl 5:6-dimethoxyhomophthalo- $\beta$ -veratrylethylamate, 295.  
**C<sub>22</sub>H<sub>28</sub>N<sub>2</sub>Br** 3-Bromo-9- $\delta$ -diethylamino-*a*-methylbutylaminophenanthridine, and its salts, 1409.  
**C<sub>22</sub>H<sub>29</sub>ON<sub>3</sub>** *a*-Aldehyde- $\delta$ -(2:2:6-trimethyl- $\Delta^8$ -cyclohexenyl)- $\beta$ -methyl- $\Delta^{\alpha\gamma}$ -butadiene phenylsemicarbazone, 586.  
**C<sub>22</sub>H<sub>37</sub>OCl** *p*-Chlorophenyl cetyl ether, 1834.  
**C<sub>22</sub>H<sub>37</sub>OBr** *p*-Bromophenyl cetyl ether, 1834.

## 22 IV

- C<sub>22</sub>H<sub>18</sub>O<sub>3</sub>N<sub>2</sub>S** 2-Cinamo-*o*-nitrophenylamidophenyl methyl sulphide, 1264.  
**C<sub>22</sub>H<sub>17</sub>O<sub>4</sub>N<sub>4</sub>Br** 1-Hydroxy-3-(2'-bromo-4'-nitrophenyl)-3:4-dihydrophthalazine-4-acetanilide, 1136.

C<sub>23</sub> Group.

- C<sub>23</sub>H<sub>18</sub>O<sub>2</sub>** *a* $\beta$ -*endo*-9:10-Dihydroanthraquinyl-9:10- $\beta$ -phenylpropionic acid, 1103.  
 $\beta$ -Phenyl- $\beta$ -anthranilpropionic acid, 1103.  
**C<sub>23</sub>H<sub>18</sub>O<sub>4</sub>** 7-Benzoyloxy-4'-methoxyflavone, 868.  
**C<sub>23</sub>H<sub>20</sub>O<sub>2</sub>** 2:3-Diphenylbenzo-2-pyranol ethyl ether, 1165.  
**C<sub>23</sub>H<sub>20</sub>O<sub>4</sub>** 7-Benzoyloxy-4'-methoxyflavanone, 867.  
**C<sub>23</sub>H<sub>20</sub>O<sub>4</sub>** 2-Hydroxy-4-benzoyloxyphenyl 4-methoxystyryl ketone, 867.  
**C<sub>23</sub>H<sub>20</sub>O<sub>4</sub>** 7-Methoxy-4'-benzoyloxyflavanone, 867.  
**C<sub>23</sub>H<sub>20</sub>O<sub>10</sub>** Tetra-acetylcyanomaclurin, 754.  
**C<sub>23</sub>H<sub>22</sub>O<sub>6</sub>** Methyl tetramethoxybenzo-3:4-fluorene-1-carboxylate, 1579.  
**C<sub>23</sub>H<sub>24</sub>O<sub>2</sub>** Ethyl hexahydrocholanthrene-carboxylate, 670.  
**C<sub>23</sub>H<sub>24</sub>O<sub>7</sub>**  $\beta$ -3:4-Dimethoxybenzoyl-*a*-(3':4'-dimethoxybenzylidene)- $\beta$ -methoxymethylpropionolactone, 1579.  
 Ethyl 4-hydroxy-6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)naphthalene-2-carboxylate, 642.  
**C<sub>23</sub>H<sub>25</sub>N** Cevanthridine, and its salts, 124.  
**C<sub>23</sub>H<sub>26</sub>O<sub>3</sub>** Ethyl 2-( $\beta$ -1'-acenaphthylethyl)cyclohexanone-2-carboxylate, 669.  
**C<sub>23</sub>H<sub>26</sub>O<sub>7</sub>** Ethyl 4-keto-6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)-1:2:3:4-tetrahydronaphthalene-2-carboxylate, 641.  
**C<sub>23</sub>H<sub>26</sub>O<sub>8</sub>** 2:4-Dibenzoyl 3:6-dimethyl  $\beta$ -methylglucoside, 176.  
**C<sub>23</sub>H<sub>29</sub>O<sub>10</sub>** 4-Hydroxy-6:7-dimethoxy-2-carboxy-1-(3':4'-dimethoxyphenyl)-1:2:3:4-tetrahydronaphthalene-3-glycollic lactone, 643.  
**C<sub>23</sub>H<sub>28</sub>O<sub>4</sub>** Anhydrodigoxigenone, 1307.  
**C<sub>23</sub>H<sub>30</sub>O<sub>2</sub>**  $\alpha$ - and  $\beta$ -Anhydrodigitoxigenones, 1050.  
**C<sub>23</sub>H<sub>30</sub>O<sub>5</sub>** *ad*-Bis-(3-methoxy-4-ethoxyphenyl)-*a*-methylbutan- $\beta$ -one, 121.  
 $n$ - and *iso*-Digoxigenones, 1307.  
**C<sub>23</sub>H<sub>30</sub>O<sub>6</sub>** *iso*Digoxigenic acid, 1308.  
**C<sub>23</sub>H<sub>32</sub>O<sub>3</sub>**  $\alpha$ - and  $\beta$ -Anhydrodigitoxigenins, 1050.  
**C<sub>23</sub>H<sub>32</sub>O<sub>5</sub>** Dihydrodigoxigenone, 1307.  
**C<sub>23</sub>H<sub>34</sub>O<sub>5</sub>** Digoxigenin, constitution of, 1305.  
**C<sub>23</sub>H<sub>34</sub>O<sub>6</sub>** *iso*Digoxigenic acid, 1308.

## 23 III

- C<sub>23</sub>H<sub>15</sub>O<sub>2</sub>Cl** 7-Hydroxy-4(4'-hydroxy-3'-carboxyphenyl)-2:3-indeno(3':2')-chromylium chloride, 945.  
**C<sub>23</sub>H<sub>16</sub>OCl<sub>2</sub>** 1:5-Dichloro-10-cinnamylanthrone, 1104.  
**C<sub>23</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>** 5-Keto-2-phenyl-4-(2'-nitro-5'-benzoyloxybenzylidene)-4:5-dihydro-oxazole, 1266.  
**C<sub>23</sub>H<sub>17</sub>O<sub>2</sub>N** *m*-Methoxybenzylidenephenylisooxazolone, 1541.  
**C<sub>23</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** 2-Nitro-*a*-benzamido-5-benzoyloxy-cinnamic acid, 1266.  
**C<sub>23</sub>H<sub>19</sub>O<sub>2</sub>N** 2-Nitro-5-methoxy-*a*-(*m*-benzoyloxyphenyl)cinnamic acid, 1541.  
**C<sub>23</sub>H<sub>21</sub>ON** 1:2:3:4-Tetrahydro-6-naphthodiphenylamide, 80.  
**C<sub>23</sub>H<sub>21</sub>O<sub>2</sub>N** 2-Amino-5-methoxy-*a*-(*m*-benzoyloxyphenyl)cinnamic acid, 1541.  
**C<sub>23</sub>H<sub>22</sub>O<sub>2</sub>N<sub>4</sub>** 4-Methoxydimethyldeoxybenzoin 2:4-dinitrophenylhydrazones, 1125.

- C<sub>23</sub>H<sub>23</sub>O<sub>3</sub>N** Benzylidene*isodi-o*-methoxyphenylhydroxyethylamine, 1121.  
*α*-Salicylideneaminodi-(*o*-methoxybenzyl), 1123.  
**C<sub>23</sub>H<sub>23</sub>O<sub>3</sub>N** Salicylidene*isodi-o*-methoxyphenylhydroxyethylamine, 1121.  
**C<sub>23</sub>H<sub>23</sub>O<sub>6</sub>Cl** Methyl 6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)-2-chloromethylnaphthalene-3-carboxylate, 1579.  
**C<sub>23</sub>H<sub>26</sub>O<sub>2</sub>Br** Ethyl 4-hydroxy-6:7-dimethoxy-1-(6'-bromo-3':4'-dimethoxyphenyl)naphthalene-2-carboxylate, 642.  
**C<sub>23</sub>H<sub>24</sub>O<sub>7</sub>Br<sub>2</sub>** Ethyl 3-bromo-4-*keto*-6:7-dimethoxy-1-(6'-bromo-3':4'-dimethoxyphenyl)-1:2:3:4-tetrahydronaphthalene-2-carboxylate, 642.  
**C<sub>23</sub>H<sub>26</sub>O<sub>4</sub>N<sub>2</sub>** Brucine, 935, 1291, 1685.  
**C<sub>23</sub>H<sub>26</sub>O<sub>6</sub>N<sub>2</sub>** Dinitro-*αδ*-bis-(3-methoxy-4-ethoxyphenyl)-*α*-methylbutan-*β*-one, 122.  
**C<sub>23</sub>H<sub>30</sub>O<sub>3</sub>N<sub>2</sub>** Dihydrobrucidine, salts of, 1293.  
**C<sub>23</sub>H<sub>30</sub>O<sub>4</sub>N<sub>2</sub>** Anhydrodigoxigenone dioxime, 1307.  
**C<sub>23</sub>H<sub>31</sub>ON<sub>3</sub>** 2-Methoxy-9-*δ*-diethylamino-*α*-methylbutylaminophenanthridine, and its salts, 1410.  
**C<sub>23</sub>H<sub>31</sub>O<sub>6</sub>N** *n*- and *iso*-Digoxigenone oximes, 1307.  
**C<sub>23</sub>H<sub>31</sub>O<sub>6</sub>N<sub>3</sub>** *N*-Nitrosomethoxymethyl*chanodihydrostrychnic* acid, 939.  
**C<sub>23</sub>H<sub>33</sub>O<sub>6</sub>N<sub>2</sub>** Methoxymethyl*chanodihydrostrychnic* acid, 939.  
**C<sub>23</sub>H<sub>33</sub>O<sub>5</sub>N** Dihydrodigoxigenone oxime, 1307.

## 23 IV

- C<sub>23</sub>H<sub>17</sub>OF<sub>3</sub>B** 2:4:6-Triphenylpyrylium borofluoride, 1390.  
**C<sub>23</sub>H<sub>17</sub>O<sub>2</sub>Cl<sub>2</sub>Fe** 4-Phenacylflavylium ferrichloride, 87.  
**C<sub>23</sub>H<sub>36</sub>O<sub>6</sub>N<sub>2</sub>Br<sub>6</sub>** Pentabromomethoxymethyl*chanodihydrostrychnic* acid hydrobromide, 938.

C<sub>24</sub> Group.

- C<sub>24</sub>H<sub>20</sub>N<sub>2</sub>** *N*-Benzhydryl-*N'*-*β*-naphthylformamidine, 1219.  
**C<sub>24</sub>H<sub>22</sub>O<sub>6</sub>** Methyl 6:7-methylenedioxy-1-(3':4':5'-trimethoxyphenyl)naphthalene-2:3-dicarboxylate, 1581.  
**C<sub>24</sub>H<sub>22</sub>O<sub>10</sub>** *O*-Tetra-acetylpeltogynol, 748.  
**C<sub>24</sub>H<sub>24</sub>O<sub>2</sub>** Octahydrodibenzanthranyl acetate, 1684.  
**C<sub>24</sub>H<sub>24</sub>O<sub>2</sub>** Ethyl 2-(3'-phenanthrylmethyl)*cyclohexanone*-2-carboxylate, 1323.  
**C<sub>24</sub>H<sub>24</sub>O<sub>3</sub>** Dimethyl 6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)naphthalene-2:3-dicarboxylate, 640.  
**C<sub>24</sub>H<sub>24</sub>N<sub>4</sub>** 1:4-Bis-(8'-quinolylmethyl)piperazine, 1426.  
**C<sub>24</sub>H<sub>24</sub>O<sub>3</sub>** Ethyl *β*-cinnamyloxy-*α*-cinnamylcrotonate, 1364.  
 Ethyl dicinnamylacetoacetate, 1364.  
*p*-Phenylphenacyl-*γ*-*Δ*<sup>1</sup>-*cyclohexenyl*butyrate, 1638.  
**C<sub>24</sub>H<sub>26</sub>O<sub>8</sub>** Ethyl 3-aldehyde-4-*keto*-6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)-1:2:3:4-tetrahydronaphthalene-2-carboxylate, 642.  
**C<sub>24</sub>H<sub>26</sub>N<sub>4</sub>** *s*-Bis-(8-quinolylmethyl)dimethylethylenediamine, dihydrobromide of, 1426.  
**C<sub>24</sub>H<sub>30</sub>O<sub>4</sub>** Butyl diphenylsuccinates, 158.  
**C<sub>24</sub>H<sub>30</sub>O<sub>6</sub>** Matairesinol diethyl ether, 635.  
**C<sub>24</sub>H<sub>30</sub>O<sub>6</sub>** Methyl *βγ*-di-3:4-dimethoxyphenyladipate-*a*, 1414.  
**C<sub>24</sub>H<sub>30</sub>O<sub>6</sub>** Guaiaretic acid diethyl ethers, 122.  
**C<sub>24</sub>H<sub>32</sub>O<sub>4</sub>** Methyl *isodigoxigenate*, 1308.  
**C<sub>24</sub>H<sub>32</sub>O<sub>5</sub>** Dihydroguaiaretic acid diethyl ether, 122.  
**C<sub>24</sub>H<sub>34</sub>O<sub>4</sub>** Methyl *isodigoxigenate*, 1308.  
**C<sub>24</sub>H<sub>34</sub>O<sub>6</sub>** Methyl *isodigoxigenate*, 1308.  
**C<sub>24</sub>H<sub>36</sub>O<sub>6</sub>** Methyl *isodigoxigenate*, 1308.  
**C<sub>24</sub>H<sub>38</sub>O<sub>6</sub>** Methyl *isodigoxigenate*, 1308.  
**C<sub>24</sub>H<sub>52</sub>Sn** Tetra-*n*-hexyltin, 41.

## 24 III

- C<sub>24</sub>H<sub>14</sub>O<sub>3</sub>S** 1'-Anthraquinonyl-2-hydroxy-1-naphthylsulphone, 1236.  
 1-Anthraquinonyl-1-sulphino-2-naphthyl ether, 1236.  
**C<sub>24</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** Benzhydrylaminomethyleneacetoacetanilide, 1220.  
**C<sub>24</sub>H<sub>24</sub>N<sub>2</sub>Si** Tetra-*m*-aminotetraphenylsilicane, 1085.  
**C<sub>24</sub>H<sub>28</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl diphenylene-4:4'-bis-*β*-aminocrotonate, 1570.  
**C<sub>24</sub>H<sub>31</sub>O<sub>7</sub>N** *β*-Keto-*αδ*-bis-(3-methoxy-4-ethoxyphenyl)-*γ*-methylvaleramide, 121.  
**C<sub>24</sub>H<sub>32</sub>O<sub>2</sub>N<sub>2</sub>** *N*(*b*)-Methyl-*des*-dihydrobrucidines, 1688, 1693.  
**C<sub>24</sub>H<sub>32</sub>O<sub>2</sub>Br<sub>2</sub>** Dibromodihydroguaiaretic acid diethyl ether.  
**C<sub>24</sub>H<sub>32</sub>O<sub>3</sub>N<sub>2</sub>** Dinitrodihydroguaiaretic acid diethyl ether, 122.  
**C<sub>24</sub>H<sub>33</sub>O<sub>2</sub>N<sub>3</sub>** Methyl *γ*-keto-*ε*-teresanalyhexoate phenylsemicarbazone, 314.  
**C<sub>24</sub>H<sub>33</sub>O<sub>2</sub>N<sub>3</sub>** Digoxigenone semicarbazones, 1307.  
**C<sub>24</sub>H<sub>34</sub>O<sub>4</sub>N<sub>3</sub>** Hydroxymethyltetrahydrobrucidine, 1691.  
**C<sub>24</sub>H<sub>35</sub>O<sub>2</sub>N<sub>3</sub>** Dihydrodigoxigenone semicarbazone, 1307.

## 24 IV

- C<sub>24</sub>H<sub>13</sub>O<sub>3</sub>BrS** 1-Anthraquinonyl 6-bromo-2-hydroxy-1-naphthyl sulphide, 1236.  
**C<sub>24</sub>H<sub>13</sub>O<sub>3</sub>BrS** 1-Anthraquinonyl 1-sulphino-6-bromo-2-naphthyl ether, 1236.  
**C<sub>24</sub>H<sub>19</sub>O<sub>2</sub>Cl<sub>2</sub>Fe** 7-Methoxy-4-phenacylflavylium ferrichloride, 87.  
**C<sub>24</sub>H<sub>20</sub>Cl<sub>2</sub>S<sub>2</sub>Pd** Bis(diphenylsulphide)palladium dichloride, 1559.  
**C<sub>24</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>** 6:7:3':4'-Bismethylenedioxy-2-benzenesulphonyl-1:2:3:4-tetrahydroprotopaverine, 667.  
**C<sub>24</sub>H<sub>20</sub>O<sub>2</sub>Cl<sub>2</sub>Fe** 2-Hydroxy-4-methoxy-3-*iso*amylbenzaldehyde ferrichloride, 1372.  
**C<sub>24</sub>H<sub>33</sub>O<sub>3</sub>N<sub>2</sub>Cl** *N*(*b*)-Methyldihydrobrucidinium chlorides, 1691.  
**C<sub>24</sub>H<sub>33</sub>O<sub>3</sub>N<sub>2</sub>I** *N*(*b*)-Methyldihydrobrucidinium iodides, 1690.

- $C_{24}H_{54}Cl_2P_2Pd$  Bis(tri-*n*-butylphosphine)palladium dichloride, 1560.  
 $C_{24}H_{54}Cl_2As_2Pd$  Bis(tri-*n*-butylarsine)palladium dichloride, 1561.  
 $C_{24}H_{54}Br_2P_2Pd$  Bis(tri-*n*-butylphosphine)palladium dibromide, 1560.  
 $C_{24}H_{54}I_2P_2Pd$  Bis(tri-*n*-butyl phosphine)palladium di-iodide, 1560.

## 24 V

- $C_{24}H_{16}O_4N_4Cl_2S_2$  Bis-2-*p*-chloro-*o*-nitroanilinophenyl disulphide, 186.  
 $C_{24}H_{28}O_4N_4Cl_2Ni$  Nickel *p*-chlorophenyl-*n*-butylglyoxime, 623.

C<sub>25</sub> Group.

- $C_{25}H_{20}O_4$  4'-Methoxy-4-(*p*-methoxyphenacylidene)flavene, 89.  
 $C_{25}H_{22}O_4$  4'-Methoxy-4-(*p*-methoxyphenacyl)flavene, 89.  
 $C_{25}H_{24}O_5$  *o*-Hydroxybenzylidenedi-(*p*-methoxyacetophenone), 89.  
 $C_{25}H_{34}O_4$   $\alpha$ - and  $\beta$ -Anhydrodigitoxigenin acetates, 1050.  
 $C_{25}H_{36}O_{16}$  Trimethylsuerose penta-acetate, 651.

## 25 III

- $C_{25}H_{18}O_3N_4$  *p*-Phenylbenzophenone 2:4-dinitrophenylhydrazon, 1785.  
 $C_{25}H_{20}O_3N_2$  1-Methoxynaphthalene-2:4-dicarboxylanilide, 1063.  
 $C_{25}H_{22}O_{10}Cl_4$  4:6-Bis(dichloroacetyl 2:3-dibenzoyl  $\alpha$ -methylglucoside, 1181.  
 $C_{25}H_{24}O_3N_2$  Ethyl benzhydrolaminomethylenemalonanilide, 1219.  
 $C_{25}H_{26}O_6N_2$  1-( $\beta$ -5'-Tetraylethyl)cyclohexanol 3:5-dinitrobenzoate, 1636.  
 $C_{25}H_{30}O_7N_2$  Retrorsine phenylcarbamate, 13.  
 $C_{25}H_{34}O_2N_2$   $\alpha$ -Methyl- $\delta$ -isopropylpimelditoluidide, 316.  
 $C_{25}H_{34}O_2N_2$  Dimethyl-*des*-brucidine, 1690.  
 $C_{25}H_{36}O_2N_3$   $\beta$ -Keto- $\delta$ -hydroxy- $\theta$ -(2:2:6-trimethyl- $\Delta^4$ -cyclohexenyl)- $\zeta$ -methyl- $\Delta^{6,7}$ -octadiene phenylsemicarbazone, 587.

## 25 IV

- $C_{25}H_{16}O_3Cl_2Fe$  2:6-Diphenyl-4-(*o*-acetoxyphenyl)pyrylium ferrichloride, 88.  
 $C_{25}H_{20}O_3Cl_2Fe$  2:6-Diphenyl-4-(2':4'-dimethoxyphenyl)pyrylium ferrichloride, 87.  
 $C_{25}H_{24}O_4Cl_2Fe$  4'-Methoxy-4-(*p*-methoxyphenacyl)flavylum ferrichloride, 89.  
 $C_{25}H_{34}O_3N_2I$  *neo*Brucidine dimethiodide, 1292.

C<sub>26</sub> Group.

- $C_{26}H_{26}$   $\alpha\delta$ -Di-(4-methyl-1-naphthyl)butane, 444.

## 26 II

- $C_{26}H_{14}F_2$  2:2'-Difluorobisdiphenylene-ethylene, 989.  
 $C_{26}H_{17}N$  Benzylidene-*p*-phenylbenzhydrolamines, 1784.  
*p*-Phenylbenzhydrolidene-benzylamine, 1784.  
 $C_{26}H_{22}O_2$  2-Diphenylmethylol-6-phenyl-1:2:3:6-tetrahydrobenzolactone, 1370.  
 $C_{26}H_{26}O_4$  Decahydro-1:2:3:4-dibenzanthraquinyl diacetate, 1107.  
 $C_{26}H_{26}O_6$  5:8-Diacetoxydodecahydro-1:2:3:4-dibenzanthraquinone, 1107.  
 $C_{26}H_{28}O_8$  Diethyl 6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)naphthalene-2:3-dicarboxylate, 640.  
 $C_{26}H_{30}N_4$  Bis-(8-quinolylmethyl)- $\beta$ -diethylaminoethylamine, 1426.  
 $C_{26}H_{32}O_2$  Octahydrotetracyclopentenoanthraquinone, 1106.

## 26 III

- $C_{26}H_{12}O_8N_4$  2:2':7:7'-Tetranitrobisdiphenylene-ethylene, 1611.  
 $C_{26}H_{14}O_6N_2$  Dimethoxypiperylene-3:4:9:10-tetracarboxylic acid di-imides, 499.  
 $C_{26}H_{16}O_4S$  1-Anthraquinonyl 2-acetoxy-1-naphthyl sulphide, 1236.  
 $C_{26}H_{16}O_6S$  1'-Anthraquinonyl-2-acetoxy-1-naphthylsulphone, 1236.  
 $C_{26}H_{17}O_2N$  2:9-Dibenzoylcarbazole, 744.  
 $C_{26}H_{20}ON_2$  Benzophenoneoxime  $\alpha$ -phenyliminobenzyl ethers, 1228.  
 $C_{26}H_{20}O_7N_2$  *p*-Nitrobenzoyl-6:7:3':4'-bismethylenedioxy-8:6'-methylene-1:2:3:4-tetrahydroprotopaverine, 666.  
 $C_{26}H_{25}O_3N_4$  Apocinchene methyl ether picrate, 303.  
 $C_{26}H_{25}O_4N$  Tribenzoylvalinol, 414.  
 $C_{26}H_{26}O_6N_2$  2-Methyl-1-( $\beta$ -1'-naphthylethyl)cyclohexyl 3:5-dinitrobenzoate, 671.  
 $C_{26}H_{30}O_4N_2$  Ethyl 3:3'-dimethyldiphenylene-4:4'-bis- $\beta$ -aminocrotonate, 1569.  
 $C_{26}H_{32}O_6N_2$  Ethyl 3:3'-dimethoxydiphenylene-4:4'-bis- $\beta$ -aminocrotonate, 1569.  
 $C_{26}H_{36}O_5N_2$  Acetoxymethyltetrahydrobrucidine, 1691.

## 26 IV

- $C_{26}H_{11}O_4BrS$  1-Anthraquinonyl 6-bromo-2-acetoxy-1-naphthyl sulphide, 1236.  
 $C_{26}H_{15}O_6BrS$  1'-Anthraquinonyl-6-bromo-2-acetoxy-1-naphthylsulphone, 1236.  
 $C_{26}H_{21}O_4Cl_2Fe$  2:6-Diphenyl-4-(2'-acetoxy-4'- and -5'-methoxyphenyl) pyrylium ferrichlorides, 88.  
 $C_{26}H_{22}O_2N_4Cu$  Cupric 3-benzeneazo-*p*-tolylloxide, 1599.  
 $C_{26}H_{22}O_2N_4Ni$  Nickel 3-benzeneazo-*p*-tolylloxide, 1599.  
 $C_{26}H_{23}O_4F_4B$  2:4:6-Tri-*p*-methoxyphenylpyrylium borofluoride, 1390.



- $C_{26}H_{38}O_3N_2Cl_2$  *N*-(b)-Methyl-*des*-dihydrobrucidine dimethochlorides, 1689, 1693.  
 $C_{26}H_{36}O_3N_2I_2$  *N*-(b)-Methyl-*des*-dihydrobrucidine-*a* dimethiodides, 1689.  
 $C_{26}H_{39}O_4N_2I$  Methoxymethyltetrahydrobrucidine methosulphate, 1692.

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

- $C_{27}H_{10}$  *neo*Ergostatetraene, 467.

**27 II**

- $C_{27}H_{16}Br_2$   $\alpha\gamma$ -Di-(*p*-bromophenyl)- $\alpha\gamma$ -diphenylallene, 992.  
 $C_{27}H_{16}Cl$  *a-p*-Chlorophenyl- $\alpha\gamma\gamma$ -triphenylallene, 991.  
 $C_{27}H_{26}O_3$  2-Phenylacetyl-1-naphthyl cinnamate, 870.  
 $C_{27}H_{21}Cl$  *a-p*-Chlorophenyl- $\alpha\gamma\gamma$ -triphenyl- $\Delta^{\alpha}$ -propylene, 991.  
 $C_{27}H_{22}O$  2:2:4-Triphenylchroman, 1120.  
 $C_{27}H_{24}O_2$   $\alpha\alpha\gamma$ -Triphenyl- $\gamma$ -(*o*-hydroxyphenyl)-*n*-propyl alcohol, 1119.  
 $C_{27}H_{30}N_4$  1- $\beta$ -Bis-(8'-quinolyl methyl)aminoethylpiperidine, 1426.  
 $C_{27}H_{32}O_2$  Substance, from clovnic anhydride and magnesium phenyl bromide, 1298.  
 $C_{27}H_{33}N_3$  Tris- $\beta$ -phenylethyltrimethylenetriamine, 865.  
 $C_{27}H_{42}O_3$  *neo*Ergostatriol, 467.  
 $C_{27}H_{48}O$  Cholesterol, action of selenium on, 1391.

**27 III**

- $C_{27}H_{16}O_4N_2$  3-1-Antraquinonylamino-naphthalomethylimide, 498.  
 $C_{27}H_{22}OBr_2$   $\alpha\gamma$ -Di-(*p*-bromophenyl)- $\alpha\gamma$ -diphenylpropyl alcohol, 992.  
 $C_{27}H_{22}OCl$  *a-p*-Chlorophenyl- $\alpha\gamma\gamma$ -triphenylpropyl alcohol, 991.  
 $C_{27}H_{26}O_8N_4$  Apocinchene ethyl ether picrate, 303.  
 $C_{27}H_{42}O_8N$  Cevine, 124.  
 $C_{27}H_{56}N_4Au_4$  Di-*n*-propylcyanogold, 1029.

**C<sub>28</sub> Group.**

- $C_{28}H_{42}$  Lumistatetraene, 1223.

**28 II**

- $C_{28}H_{26}O_6$  2-Acetyl 6-trityl 3:4-anhydro- $\alpha$ -methylgalactoside, 688.  
 $C_{28}H_{36}O_2$  Hexadecahydro-5:6:7:8-dicyclopenteno-1:2:3:4-dibenzanthraquinone, 1106.  
 $C_{28}H_{50}O_5$  Lettoresinols, 1130.  
 $C_{28}H_{46}O_3$  Lumistadienetriol, 1222.  
 $C_{28}H_{60}Sn$  Tetra-*n*-heptyltin, 41.

**28 III**

- $C_{28}H_{26}O_9S$  Benzoyl-*p*-toluenesulphonyl 4:6-benzylidene  $\alpha$ -methylglucosides, 1197.  
 $C_{28}H_{32}O_{12}S_3$  2:3:4-Tri-*p*-toluenesulphonyl  $\beta$ -methylglucoside, 1181.

**28 IV**

- $C_{28}H_{20}O_{10}N_2S_2$  Di-(*p'*-carboxy-*o'*-nitrophenoxy-*m*-tolyl) disulphide, 1238.  
 $C_{28}H_{24}O_4N_2Ni$  Nickel dibenzoinoxime, 821.  
 $C_{28}H_{24}O_4N_2Pd$  Palladium dibenzoinoxime, 821.  
 $C_{28}H_{24}O_4N_2Pt$  Platinum dibenzoinoxime, 822.  
 $C_{28}H_{26}O_2N_2Cu$  Cupric 3-tolueneazo-*p*-tolylloxides, 1599.  
 $C_{28}H_{26}O_2N_2Ni$  Nickel 3-tolueneazo-*p*-tolylloxides, 1599.  
 $C_{28}H_{28}Cl_2S_2Pd$  Bis(dibenzylsulphide)palladium dichloride, 1559.

**28 V**

- $C_{28}H_{20}O_6N_4Cl_2S_2$  Bis-2-aceto-*p*-chloro-*o*-nitrophenylamidophenyl disulphide, 1264.  
 $C_{28}H_{26}O_4N_2Cl_2Cu$  Copper benzoinoxime dichloride, 821.

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

- $C_{29}H_{26}O_2$  4-( $\alpha$ -Phenylphenacylidene)flavene, 1117.  
 $C_{29}H_{24}O_2$  4-( $\alpha$ -Phenylphenacyl)flavene, 1117.  
 $C_{29}H_{24}O_2$  4-( $\beta$ -Hydroxy- $\beta\beta$ -diphenylethyl)flavene, 1120.  
 $C_{29}H_{24}O_3$   $\alpha\gamma$ -Dibenzoyl- $\beta$ -*o*-hydroxyphenyl- $\alpha$ -phenylpropane, 1117.  
 $C_{29}H_{24}O_4$  2-Hydroxy-4-benzyloxyphenyl 4-benzyloxystyryl ketone, 867.  
 $C_{29}H_{48}O$  Fucostenones, 1207.  
 $C_{29}H_{60}O$  Dihydrofucosterols, 1206.

**29 III**

- $C_{29}H_{21}O_{11}N_3$  6-Hydroxy-5:7-dimethoxy-4-phenylflavylium picrate, 946.  
 $C_{29}H_{27}O_{10}N$  Bis-(6-carboxymethylhomopiperonyl)- $\beta$ -piperonylethylamine, 665.

**29 IV**

- $C_{29}H_{21}O_2Cl_4Fe$  4-( $\alpha$ -Phenylphenacyl)flavylium ferrichloride, 1117.

**29 V**

- $C_{29}H_{19}O_4N_3IS_2$  2:2'-Di-*o*-nitrophenylthiocarbocyanine iodide, 1264.  
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**C<sub>30</sub> Group.**

- C<sub>30</sub>H<sub>22</sub>O<sub>2</sub>**  $\gamma$ -Hydroxy- $\alpha$ -phenyl- $\gamma\gamma$ - $\alpha$ -naphthyl-*n*-butyrolactone, 1370.  
**C<sub>30</sub>H<sub>40</sub>O<sub>2</sub>** Eicositetrahydrotetrabenzanthraquinone, 1106.  
**C<sub>30</sub>H<sub>44</sub>O<sub>2</sub>** Dehydrolumisteryl acetate, 1223.

**30 III**

- C<sub>30</sub>H<sub>26</sub>O<sub>10</sub>Cl<sub>2</sub>** 6-Dichloroacetyl 2:3:4-tribenzoyl  $\alpha$ -methylglucoside, 1181.

**30 IV**

- C<sub>30</sub>H<sub>28</sub>O<sub>11</sub>SCl<sub>2</sub>** 6-Dichloroacetyl 2:3-dibenzoyl 4-*p*-toluenesulphonyl  $\alpha$ -methylglucoside, 1182.  
**C<sub>30</sub>H<sub>32</sub>O<sub>13</sub>S<sub>2</sub>Cl<sub>2</sub>** 6-Dichloroacetyl 2:3:4-*p*-toluenesulphonyl  $\beta$ -methylglucoside, 1181.  
**C<sub>30</sub>H<sub>66</sub>Cl<sub>2</sub>P<sub>2</sub>Pd** Bis(tri-*n*-amylphosphine)palladium dichloride, 1560.  
**C<sub>30</sub>H<sub>66</sub>Cl<sub>2</sub>As<sub>2</sub>Pd** Bis(tri-*n*-amylarsine)palladium dichloride, 1561.

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

- C<sub>31</sub>H<sub>62</sub>O<sub>2</sub>** Dihydrofucosteryl acetates, 1206.

**31 IV**

- C<sub>31</sub>H<sub>38</sub>O<sub>3</sub>N<sub>2</sub>Cl<sub>2</sub>** Methylbenzylneobrucidinium dichloride, 1293.  
**C<sub>31</sub>H<sub>38</sub>O<sub>3</sub>N<sub>2</sub>I<sub>2</sub>** Methylbenzylneobrucidinium di-iodide, 1293.

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

- C<sub>32</sub>H<sub>22</sub>O<sub>4</sub>** 5:12-Dihydroxychromanorufan, 1404.  
**C<sub>32</sub>H<sub>30</sub>O<sub>2</sub>** *endo*-9:10-*o*-Phenylene-tetradeca-hydro-1:2:3:4-dibenznaphthacene quinone, 1107.  
**C<sub>32</sub>H<sub>32</sub>O<sub>4</sub>** Di-*o*-methoxyhydrobenzoin anhydride, 1122.  
**C<sub>32</sub>H<sub>36</sub>Sn** Tetra- $\beta$ -phenylethyltin, 41.  
**C<sub>32</sub>H<sub>50</sub>O<sub>5</sub>** Lumistadienetriol diacetate, 1222.  
**C<sub>32</sub>H<sub>48</sub>Sn** Tetra-*n*-octyltin, 41.

**32 III**

- C<sub>32</sub>H<sub>22</sub>O<sub>6</sub>S<sub>2</sub>** Di( $\beta$ -1-anthraquinonyloxyethyl) disulphide, 1237.

**32 IV**

- C<sub>32</sub>H<sub>22</sub>O<sub>2</sub>N<sub>4</sub>Cu** Cupric benzeneazonaphthoxides, 1599.  
**C<sub>32</sub>H<sub>22</sub>O<sub>2</sub>N<sub>4</sub>Ni** Nickel benzeneazonaphthoxides, 1600.  
**C<sub>32</sub>H<sub>36</sub>O<sub>2</sub>N<sub>4</sub>Si** Tetra-*m*-acetamidotetraphenylsilicane, 1086.  
**C<sub>32</sub>H<sub>32</sub>O<sub>2</sub>N<sub>4</sub>Ni** Nickel dibenzoinoxime diacetate, 821.

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

- C<sub>33</sub>H<sub>25</sub>N** 2-Phenyl-3-triphenylmethylindole, 1210.  
**C<sub>33</sub>H<sub>49</sub>N** Cholestanonetetrahydrocarbazole, 1392.

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

- C<sub>34</sub>H<sub>56</sub>O<sub>3</sub>** Lettoresinol diacetates, 1130.

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

- C<sub>35</sub>H<sub>50</sub>O<sub>4</sub>** Lumistadienetriol benzoate, 1222.

**35 III**

- C<sub>35</sub>H<sub>38</sub>O<sub>8</sub>S** 4-*p*-Toluenesulphonyl 6-trityl 2:3-dimethyl  $\alpha$ -methylglucoside, 687.  
**C<sub>35</sub>H<sub>46</sub>O<sub>8</sub>N<sub>2</sub>** Lumisteryl 3:5-dinitrobenzoate, 1222.  
**C<sub>35</sub>H<sub>62</sub>O<sub>3</sub>N<sub>4</sub>** Fucostenone 2:4-dinitrophenylhydrazones, 1207.

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

- C<sub>36</sub>H<sub>16</sub>O<sub>6</sub>** Dibenzanthronedicarboxylic acid, 572.  
**C<sub>36</sub>H<sub>30</sub>O<sub>6</sub>** 2-Hydroxy-4-benzyloxyphenyl 3:4-dibenzoyloxystyryl ketone, 867.  
**C<sub>36</sub>H<sub>32</sub>O<sub>6</sub>** *O*-Methylbebeerilene, 1389.

**36 III**

- C<sub>36</sub>H<sub>40</sub>N<sub>4</sub>Si** Tetra-*isopropyl*tetra-*m*-aminotetraphenylsilicane, 1086.  
**C<sub>36</sub>H<sub>61</sub>O<sub>11</sub>N** Veratridine, constitution of, 122.

**36 IV**

- C<sub>36</sub>H<sub>26</sub>O<sub>2</sub>N<sub>4</sub>Cu** Cupric 2:4-bisbenzeneazophenoxide, 1599.  
**C<sub>36</sub>H<sub>26</sub>O<sub>2</sub>N<sub>4</sub>Ni** Nickel 2:4-bisbenzeneazophenoxide, 1600.  
**C<sub>36</sub>H<sub>29</sub>O<sub>8</sub>NCl<sub>10</sub>** 7-Hydroxy-4-*p*-dimethylaminophenyl-2:3-indeno-(3':2')-chromylium chloride hydrochloride, 944.

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

- C<sub>38</sub>H<sub>44</sub>O<sub>6</sub>N<sub>2</sub>Cl<sub>2</sub>** Tubocurarine chloride, 1386.

**C<sub>39</sub> Group.****C<sub>33</sub>H<sub>33</sub>O<sub>3</sub>N<sub>6</sub>Co** Cobaltic 3-benzeneazo-*p*-tolylxide, 1600.**C<sub>40</sub> Group.****C<sub>40</sub>H<sub>48</sub>O<sub>6</sub>N<sub>2</sub>I<sub>2</sub>** *O*-Methyltubocurarine iodide, 1386.**C<sub>42</sub> Group.****C<sub>42</sub>H<sub>39</sub>O<sub>3</sub>N<sub>6</sub>Co** Cobaltic 3-tolueneazo-*p*-tolylxides, 1600.**C<sub>42</sub>H<sub>55</sub>O<sub>6</sub>N<sub>2</sub>I<sub>2</sub>** *O*-Methylbebeerinemethine methiodides, 1388.*O*-Methyltubocurarinemethine methiodides, 1387.**C<sub>43</sub> Group.****C<sub>43</sub>H<sub>28</sub>O<sub>10</sub>** Tetrabenzoylcyanomaclurin, 754.**C<sub>44</sub> Group.****C<sub>44</sub>H<sub>30</sub>O<sub>10</sub>** *O*-Tetrabenzoylpeltogynol, 749.**C<sub>47</sub> Group.****C<sub>47</sub>H<sub>42</sub>O<sub>10</sub>S** 4-*p*-Toluenesulphonyl-2:3-dibenzoyl 6-trityl  $\alpha$ -methylglucoside, 688.**C<sub>48</sub> Group.****C<sub>48</sub>H<sub>38</sub>O<sub>14</sub>** *O*-Tetra-anisoylpeltogynol, 749.**48 III****C<sub>48</sub>H<sub>26</sub>O<sub>6</sub>S<sub>2</sub>** 2- $\alpha$ -Anthraquinonyloxy-1-naphthyl disulphide, 1236.**C<sub>48</sub>H<sub>40</sub>O<sub>2</sub>N<sub>2</sub>** 5:12-Bis-*p*-dimethylaminophenylchromanorufan, 1404.**48 IV****C<sub>48</sub>H<sub>24</sub>O<sub>6</sub>Br<sub>2</sub>S<sub>2</sub>** 2- $\alpha$ -Anthraquinonyloxy-6-bromo-1-naphthyl disulphide, 1236**C<sub>48</sub>H<sub>33</sub>O<sub>3</sub>N<sub>6</sub>Co** Cobaltic benzeneazonaphthoxides, 1600.**C<sub>49</sub> Group.****C<sub>49</sub>H<sub>66</sub>O<sub>6</sub>N<sub>4</sub>** *N*(b)-Methyldihydrobrucidinium carbonate, 1687.**C<sub>52</sub> Group.****C<sub>52</sub>H<sub>104</sub>O<sub>2</sub>** Wax from *Cryptococcus fagi*, 392.**52 III****C<sub>52</sub>H<sub>72</sub>O<sub>12</sub>N<sub>4</sub>** *N*(a)*N*(b)-Dimethyldihydrobrucidinium dicarbonate, 1687.**C<sub>54</sub> Group.****C<sub>54</sub>H<sub>39</sub>O<sub>3</sub>N<sub>12</sub>Co** Cobaltic 2:4-bisbenzeneazophenoxide, 1600.