

## FORMULA INDEX.

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

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

The compounds are arranged—

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

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

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

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

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

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

- CH<sub>4</sub>** Methane, pure, preparation of, 941; movement of flame in mixtures of air and, 1996; oxidation of, 933.  
**CO** Carbon monoxide, catalytic action of hydrogen on flames of, 129.  
**CO<sub>2</sub>** Carbon dioxide, catalytic combustion of oxygen and, on platinum, 1544.  
**CCl<sub>4</sub>** Carbon tetrachloride, dielectric polarisation of hydrogen chloride in, 43.  
**CS<sub>2</sub>** Carbon disulphide, equilibrium of, with ethylene dichloride, 2915.

#### 1 II

- CHN** Hydrocyanic acid, studies on, 2793; metallic salts, solutions of, 1940.  
**CH<sub>2</sub>O** Formaldehyde, decomposition of, 1518; condensation of, with aliphatic ketones, 2667; action of, on ammonium sulphide, 2087; action of, on ammonium and alkylammonium sulphides, 1142.  
**CH<sub>2</sub>O<sub>2</sub>** Formic acid, specific heat of aqueous solutions of, 2413; diamminocupric salt, 2862.  
**CH<sub>3</sub>F** Methyl fluoride, physical constants of, 2180.  
**COS<sub>2</sub>** Carbonyl sulphide, physical properties of, 660; hydrolysis of, 102.  
**COSe<sub>2</sub>** Carbonyl selenide, 652.

#### 1 III

- CHNS** Thiocyanic acid, equilibria in systems of metallic salts of, 2404; silver salt, solubility of, in ammonia, 835.  
**CH<sub>4</sub>N<sub>2</sub>S** Thiourea, action of, on aliphatic nitro-compounds, 534.  
**CO<sub>3</sub>N<sub>3</sub>K** Potassium nitroform, 542.

#### 1 V

- CH<sub>2</sub>O<sub>3</sub>ClIS** Chloriodomethanesulphonic acid, resolution of, and its salts, 2723.

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

- C<sub>2</sub>H<sub>2</sub>** Acetylene, slow combustion of, 686.  
**C<sub>2</sub>H<sub>4</sub>** Ethylene, combination of, with bromine at glass surfaces, 1747, 1758; reaction of, with bromine in carbon tetrachloride, 2911.  
**C<sub>2</sub>H<sub>6</sub>** Ethane, pure, preparation of, 941.

## 2 II

- $C_2H_4O_2$  Acetic acid, dissociation constants of, 2829; specific heat of aqueous solutions of, 2413.  
 $C_2H_4Cl_2$  Ethylene dichloride, equilibrium of, with carbon disulphide, 2915.  
 $C_2H_5I$  Ethyl iodide, kinetics of reaction of triethylamine with, 232.  
 $C_2H_5O$  Ethyl alcohol, surface composition of aqueous solutions of, 2089; effect of lithium chloride on surfaces of aqueous solutions of, 2097; kinetics of reaction of acetic anhydride with, 236.  
 $C_2H_5O_3$  Acetic anhydride, velocity of esterification of, 241.  
 $C_2H_6S$  Methyl sulphide, dipole moment of, 2819.

## 2 III

- $C_2H_3O_2Cl$  Chloroacetic acid, hydrolysis of, 101.  
 $C_2H_4O_4S$  Ethylene sulphate, 89.  
 $C_2H_5OCl$  Ethyl hypochlorite, addition of, 2062.  
 $C_2H_5ONa$  Sodium ethoxide, action of, on citraconic, itaconic, and mesaconic esters, 2568.  
 $C_2H_5OTl$  Thallium ethoxide, action of ethyl magnesium bromide on, 2862.  
 $C_2H_5BrMg$  Ethylmagnesium bromide, action of, on thallos chloride and ethoxide, 2862.

## 2 IV

- $C_2HO_2N_2Br_3$   $\alpha\alpha\beta$ -Tribromo- $\alpha\beta$ -dinitroethane, 1360.  
 $C_2H_4Cl_2Sb$  1-Chlorocyclo-2:5-dithia-3:4-dimethylenestibine, 1827.  
 $C_2H_5O_2FS$  Ethanesulphonyl fluoride, 485.  
 $C_2H_4N_2Cl_4Pd$  Ethylenediaminopalladic chloride, 1909.  
 $C_2H_4N_2Cl_2Pd$  Diamminoethylenediaminopalladous chloride, 1907.  
 $C_2H_4N_2Cl_2Pt$   $\beta$ -Diamminoethylenediaminoplatinous chloride, 2330.

## 2 V

- $C_2H_4O_2ClFS$   $\alpha$ -Chloroethanesulphonyl fluoride, 485.

C<sub>3</sub> Group.

- $C_3H_5O_2$  Propionic acid, specific heat of aqueous solutions of, 2413.  
 $C_3H_5S$  *n*-Propyl mercaptan, dipole moment of, 2812.

## 3 III

- $C_3H_3ON$  Acetonitrile, dipole moment of, 2812.  
 $C_3H_6O_4S$  Trimethylene sulphate, 90.

C<sub>4</sub> Group.

- $C_4H_4O_4$  Fumaric acid, diamminocupric salt, 2862.  
 Maleic acid, diamminocupric salt, 2862.  
 $C_4H_5O_3$  Acetic anhydride, kinetics of reaction of ethyl alcohol with, 236.  
 $C_4H_6O_4$  Succinic acid, diamminocupric salt, 2862.  
 $C_4H_6O_6$  Tartaric acid, and its sodium hydrogen salt, catalysis by, and their buffer mixtures, 2612; lanthanum salt, alkali solutions of, 196.  
 $C_4H_9O_2$  *n*-Butyric acid, specific heat of aqueous solutions of, 2413.  
 $C_4H_9O_4$  *l*-Erythrose, molecular weight of, 2973.  
 $C_4H_{10}S$  *n*-Butyl mercaptan, dipole moment of, 2812.

## 4 III

- $C_4H_4O_2Cl_4$  2:3:5:6-Tetrachlorodioxan, stereoisomeride of, 2666.  
 $C_4H_4O_4Br_2$  Dibromosuccinic acid, decomposition of, in aqueous solution, 100.

- C<sub>4</sub>H<sub>5</sub>ON<sub>3</sub>** Glyoxalinecarboxyamide, and its picrate, 2425.  
**C<sub>4</sub>H<sub>5</sub>O<sub>4</sub>Br** Bromosuccinic acid, conversion of, into malic acid, 2931.  
**C<sub>4</sub>H<sub>7</sub>ON<sub>3</sub>** Creatinine, 2047.  
**C<sub>4</sub>H<sub>7</sub>O<sub>4</sub>N** Aspartic acid, conversion of, into bromo- or chloro-succinic acid, 2931.  
**C<sub>4</sub>H<sub>7</sub>N<sub>2</sub>Br** Methylbromomalonamide, 2782.  
**C<sub>4</sub>H<sub>8</sub>Cl<sub>2</sub>S**  $\beta\beta'$ -Dichlorodiethyl sulphide, 589.  
**C<sub>4</sub>H<sub>9</sub>O<sub>4</sub>N** 2-Nitrobutane-1:4-diol, sodium salt, 752.  
**C<sub>4</sub>H<sub>10</sub>O<sub>3</sub>S**  $\beta\beta'$ -Dihydroxydiethyl sulphoxide, 971.  
**C<sub>4</sub>H<sub>11</sub>ON**  $\gamma$ -Hydroxy-*n*-butylamine, and its salts, 307.

## 4 IV

- C<sub>4</sub>H<sub>3</sub>ON<sub>2</sub>Br<sub>2</sub>** 2:5-Dibromoglyoxaline-4-carboxyamide, 2425.  
**C<sub>4</sub>H<sub>7</sub>O<sub>2</sub>S<sub>3</sub>Sb** *cyclo*-2:5-Dithia-3:4-dimethylenestibine-1-thiolacetic acid, pyridine salt, 1827.  
**C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>NCl** 2-Chloro-2-nitrobutane-1:4-diol, 753.  
**C<sub>4</sub>H<sub>16</sub>N<sub>4</sub>Cl<sub>4</sub>Pd<sub>2</sub>** Bisethylenediaminopalladium chloropalladite, 1904.  
**C<sub>4</sub>H<sub>16</sub>N<sub>4</sub>Cl<sub>6</sub>Pd<sub>2</sub>** Bisethylenediaminopalladous chloropalladate, 1909.

## 4 V

- C<sub>4</sub>H<sub>10</sub>ONSAs** Carbamylmethyl dimethylthioarsinite, 1369.

C<sub>5</sub> Group.

- C<sub>5</sub>H<sub>10</sub>** Amylene, oxidation of, 677.  
**C<sub>5</sub>H<sub>12</sub>** Pentanes, oxidation of, 661, 676, 679.

## 5 II

- C<sub>5</sub>H<sub>4</sub>O<sub>2</sub>** Furfural, formation of, from methylated pentoses, 2621.  
**C<sub>5</sub>H<sub>5</sub>N** Pyridine, dehydrogenation of, by ferric chloride, 20.  
**C<sub>5</sub>H<sub>10</sub>O** Valeraldehyde, oxidation of, 678.  
**C<sub>5</sub>H<sub>12</sub>O<sub>2</sub>** Trimethylene glycol dimethyl ether, 90.  
**C<sub>5</sub>H<sub>13</sub>N** Dimethylisopropylamine, picrate of, 2610.  
 Methylbutylamines, and their salts, 1354.  
**C<sub>5</sub>H<sub>13</sub>As** Dimethyl-*n*-propylarsine, 2287.

## 5 III

- C<sub>5</sub>H<sub>6</sub>O<sub>2</sub>N<sub>2</sub>** Glyoxaline-1-acetic acid, 1811.  
**C<sub>5</sub>H<sub>7</sub>O<sub>2</sub>N** Ethyl cyanoacetate, conductivity of electrolytes in, 1512.  
**C<sub>5</sub>H<sub>8</sub>ON<sub>2</sub>** 1- $\beta$ -Hydroxyethylglyoxaline, 1811.  
**C<sub>5</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>** *N*-Acetylsarcosine amide, 2200.  
**C<sub>5</sub>H<sub>10</sub>NCl** 1-Chloropiperidine, action of, on phenylmagnesium bromide, 1745.  
**C<sub>5</sub>H<sub>11</sub>OH** *iso*Amyl alcohol, oxidation of, 679.  
**C<sub>5</sub>H<sub>11</sub>O<sub>4</sub>N** 3-Nitro-1-ethoxypropan-1-ol, 754.  
**C<sub>5</sub>H<sub>11</sub>O<sub>6</sub>N** 2-Nitro-2-hydroxymethylbutane-1:4-diol, 752.

## 5 IV

- C<sub>5</sub>H<sub>4</sub>NClHg** 3-Chloromercurypyridine, 1264.  
**C<sub>5</sub>H<sub>5</sub>NCl<sub>3</sub>As** 3-Pyridylchloroarsine hydrochloride, 1498.  
**C<sub>5</sub>H<sub>6</sub>O<sub>2</sub>N<sub>2</sub>S** 2-Thiolglyoxaline-1-acetic acid, 1811.  
**C<sub>5</sub>H<sub>6</sub>O<sub>3</sub>NAs** Pyridyl-3-arsonic acid, 1499.  
**C<sub>5</sub>H<sub>6</sub>N<sub>3</sub>Hg** Pyridine tri-iodomercuriate, 1264.  
**C<sub>5</sub>H<sub>8</sub>ON<sub>2</sub>S** 2-Thiol-1- $\beta$ -hydroxyethylglyoxaline, 1810.  
**C<sub>5</sub>H<sub>9</sub>O<sub>2</sub>N<sub>2</sub>Br** Ethylbromomalonamide, 2782.  
**C<sub>5</sub>H<sub>14</sub>N<sub>4</sub>Cl<sub>2</sub>Pt** Triaminopyridinoplatinous dichloride, 1014.

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

**C<sub>6</sub>H<sub>6</sub>** Benzene, vapour pressure and refractivity of binary mixtures of its polar derivatives with, 2658; dielectric polarisation of hydrogen chloride in, 43; compounds of, with picryl chloride and *s*-trinitrobenzene, 1530.

**C<sub>6</sub>H<sub>12</sub>** *cyclo*Hexane, dielectric polarisation of hydrogen chloride in, 43.

**C<sub>6</sub>H<sub>14</sub>** Hexane, oxidation of, 676.

**6 II**

**C<sub>6</sub>H<sub>6</sub>S** Thiophenol, dipole moment of, 2812.

**C<sub>6</sub>H<sub>8</sub>O<sub>2</sub>** Sorbic acid, addition of hypochlorous acid to, 2072.

**C<sub>6</sub>H<sub>8</sub>O<sub>5</sub>**  $\beta$ -Keto adipic acid, 2566.

**C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>** Phenylhydrazine, action of, on aliphatic nitro-compounds, 534.

**C<sub>6</sub>H<sub>9</sub>N** Hexanenitriles, 449.

**C<sub>6</sub>H<sub>10</sub>O<sub>4</sub>** 2:3-Ethylenedioxydioxan, 90.

**C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>**  $\gamma$ -Keto- $\beta$ -methyl-*n*-amyl alcohol, 2672.

**C<sub>6</sub>H<sub>12</sub>O<sub>3</sub>**  $\gamma$ -Keto- $\beta$ -hydroxymethyl- $\beta$ -methylbutyl alcohol, 2671.

**C<sub>6</sub>H<sub>12</sub>O<sub>5</sub>**  $\alpha$ -Methylxyloside, crystal structure of, 2535.

$\beta$ -Methylxyloside, X-ray structure of, 138.

**C<sub>6</sub>H<sub>12</sub>N<sub>4</sub>** Hexamethylenetetramine, reactions of, with phenolic compounds, 1987.

**C<sub>6</sub>H<sub>14</sub>S** *n*-Propyl sulphide, dipole moment of, 2819.

**C<sub>6</sub>H<sub>15</sub>N** Dimethyl-*sec.*-butylamine, picrate of, 2610.

Methylisoamylamine, and its hydrobromide, 1356.

Triethylamine, kinetics of reaction of ethyl iodide on, 232.

**6 III**

**C<sub>6</sub>H<sub>3</sub>O<sub>6</sub>N<sub>3</sub>** *s*-Trinitrobenzene, compound of, with benzene, 1530.

**C<sub>6</sub>H<sub>3</sub>O<sub>7</sub>N<sub>3</sub>** Picric acid, solubility of, in mixed solvents, 881.

**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>N** Nitrobenzene, physical properties of, 91; equilibrium of, with sulphuric acid and water, 1540.

**C<sub>6</sub>H<sub>5</sub>BrMg** Phenylmagnesium bromide, action of, on 1-chloropiperidine, 1745.

**C<sub>6</sub>H<sub>7</sub>O<sub>2</sub>Cl**  $\delta$ -Chloro- $\gamma$ -hydroxy- $\Delta\alpha$ -hexenoic lactone, 2076.

**C<sub>6</sub>H<sub>9</sub>O<sub>2</sub>N<sub>3</sub>** Acetylcreatine, and its salts, 2053.

**C<sub>6</sub>H<sub>9</sub>O<sub>2</sub>Cl** Chlorohexolactones, 2067.

**C<sub>6</sub>H<sub>9</sub>O<sub>3</sub>Cl**  $\gamma$ -Carbomethoxybutyryl chloride, 277.

**C<sub>6</sub>H<sub>11</sub>ON** Hexenoamides, 449.

$\alpha$ -Hydroxy-*n*-hexonitrile, 451.

**C<sub>6</sub>H<sub>11</sub>O<sub>3</sub>Cl**  $\beta$ -Hydroxy- $\beta$ - and  $\gamma$ -chloro-*n*-hexoic acids, 2067.

**C<sub>6</sub>H<sub>13</sub>ON** Methyl  $\alpha$ -dimethylaminoethyl ketone, picrate of, 2610.

**C<sub>6</sub>H<sub>16</sub>IAs** Dimethyl-*n*-propylarsine methiodide, 2287.

**6 IV**

**C<sub>6</sub>H<sub>2</sub>OCl<sub>3</sub>I** 2:4:6-Trichloro-3-iodophenol, 2860.

**C<sub>6</sub>H<sub>2</sub>OBr<sub>3</sub>I** 2:4:6-Tribromo-3-iodophenol, 505.

**C<sub>6</sub>H<sub>2</sub>O<sub>2</sub>NBr<sub>3</sub>** 2:3:6-Tribromo-4-nitrophenol, 505.

**C<sub>6</sub>H<sub>2</sub>O<sub>2</sub>N<sub>3</sub>Cl** Picryl chloride, compound of, with benzene, 1530.

**C<sub>6</sub>H<sub>3</sub>OCl<sub>2</sub>I** 4:6-Dichloro-3-iodophenol, 2860.

**C<sub>6</sub>H<sub>3</sub>OBr<sub>2</sub>F** 3-Fluoro-4:6-dibromophenol, 275.

**C<sub>6</sub>H<sub>4</sub>OClI** Chloro-3-iodophenols, 2859.

**C<sub>6</sub>H<sub>4</sub>O<sub>2</sub>NCl** 2-Chlorobenzoquinone 4-oxime, silver salt, 868.

**C<sub>6</sub>H<sub>5</sub>O<sub>2</sub>NS** *m*-Nitrobenzenesulphonic acid, potassium salt, 1347.

**C<sub>6</sub>H<sub>7</sub>O<sub>4</sub>NS** Pyridine methylenesulphate, 90.

**C<sub>6</sub>H<sub>11</sub>O<sub>2</sub>FS** *cyclo*Hexanesulphonyl fluoride, 485.

- C<sub>6</sub>H<sub>13</sub>O<sub>2</sub>NS** Methanesulphonyl piperidide, 485.  
**C<sub>6</sub>H<sub>15</sub>O<sub>4</sub>NC<sub>6</sub>O** Hydroxocobaltotris-( $\beta$ -hydroxyethyl)amine, sodium salt, 2862.  
**C<sub>6</sub>H<sub>17</sub>O<sub>6</sub>NCu** Tris-(*p*-hydroxyethyl)aminocupric hydroxide, 2862.

## 6 V

- C<sub>6</sub>H<sub>2</sub>O<sub>3</sub>NBr<sub>2</sub>I** Dibromiodonitrophenols, 505.  
**C<sub>6</sub>H<sub>2</sub>O<sub>3</sub>NBr<sub>2</sub>F** 3-Fluorodibromonitrophenols, 274.  
**C<sub>6</sub>H<sub>4</sub>O<sub>4</sub>NFS** *o*-Nitrobenzenesulphonyl fluoride, 2046.  
**C<sub>6</sub>H<sub>6</sub>ONCl<sub>2</sub>As** 3-Amino-4-hydroxyphenyldichloroarsine, hydrochloride of, 2509.  
**C<sub>6</sub>H<sub>14</sub>O<sub>3</sub>NCIC<sub>6</sub>O** Chlorocobaltotris-( $\beta$ -hydroxyethyl)amine, 2861.  
**C<sub>6</sub>H<sub>14</sub>O<sub>3</sub>NBrCo** Bromocobaltotris-( $\beta$ -hydroxyethyl)amine, 2861.

## 6 VI

- C<sub>6</sub>H<sub>3</sub>O<sub>4</sub>NCIHS** 2-Iodo-5-nitrobenzenesulphonyl chloride, 2025.

C<sub>7</sub> Group.

- C<sub>7</sub>H<sub>5</sub>N** Benzonitrile, compounds of, with polyiodides, 2640.  
**C<sub>7</sub>H<sub>5</sub>Cl<sub>3</sub>** Benzotrichloride, action of metallic oxides on, 2808.  
**C<sub>7</sub>H<sub>5</sub>O** Benzaldehyde, action of ephedrine on, 1580.  
**C<sub>7</sub>H<sub>5</sub>N<sub>2</sub>** *p*-Aminophenyl isocyanide, 1416.  
**C<sub>7</sub>H<sub>5</sub>Cl<sub>2</sub>** Benzal chloride, action of metallic oxides on, 2808.  
**C<sub>7</sub>H<sub>7</sub>Cl** *p*-Chlorotoluene, quantitative nitration of, 1884.  
**C<sub>7</sub>H<sub>7</sub>Br** *p*-Bromotoluene, quantitative nitration of, 1884.  
**C<sub>7</sub>H<sub>5</sub>O<sub>6</sub>**  $\alpha$ -Methyloaconitic acid, 1093.  
**C<sub>7</sub>H<sub>12</sub>O<sub>2</sub>**  $\alpha\beta$ -Dimethylpentenoic acids, 2452.  
      $\alpha$ -Methylhexenoic acids, 2452.  
**C<sub>7</sub>H<sub>12</sub>O<sub>3</sub>**  $\gamma$ -Keto- $\beta$ -methylbutyl acetate, 2670.  
**C<sub>7</sub>H<sub>12</sub>O<sub>4</sub>** Bishydroxymethyltetrahydro- $\gamma$ -pyrone, 2670.  
**C<sub>7</sub>H<sub>14</sub>O<sub>3</sub>**  $\beta$ -Hydroxy- $\alpha$ -methyl-*n*-hexoic acid, 2458.  
      $\gamma$ -Keto- $\beta$ -hydroxymethyl- $\beta$ -methyl-*n*-amyl alcohol, 2672.  
**C<sub>7</sub>H<sub>14</sub>O<sub>6</sub>**  $\alpha$ -Methylglucofuranoside, 2256.  
**C<sub>7</sub>H<sub>17</sub>N**  $\beta$ -Dimethylaminopentane picrate, 2610.  
**C<sub>7</sub>H<sub>17</sub>As** Methyl-di-*n*-propylarsine, and its salts, 2285.

## 7 III

- C<sub>7</sub>H<sub>6</sub>BrI** *m*-Iodobenzyl bromide, 702.  
**C<sub>7</sub>H<sub>7</sub>OI** *m*-Iodophenylmethyl ether, 2859.  
**C<sub>7</sub>H<sub>7</sub>O<sub>4</sub>As** Benz-*p*-arsinic acid, 966.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>S<sub>2</sub>** Methyl benzenethiolsulphonate, 1822.  
**C<sub>7</sub>H<sub>5</sub>NI** *m*-Iodobenzylamine, and its salts, 702.  
**C<sub>7</sub>H<sub>9</sub>ON** *o*-Anisidine, sulphonation of, 715.  
**C<sub>7</sub>H<sub>5</sub>O<sub>3</sub>P** Benzaldehyde phosphate, 2921.  
**C<sub>7</sub>H<sub>10</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl glyoxaline-1-acetate, picrate of, 1812.  
**C<sub>7</sub>H<sub>11</sub>ON** 3-Methylcyclopentanonecyanohydrin, 1074.  
**C<sub>7</sub>H<sub>11</sub>O<sub>2</sub>Tl** Thallous dipropionylmethane, 2606.  
**C<sub>7</sub>H<sub>11</sub>O<sub>3</sub>Cl**  $\gamma$ -Carbethoxybutyryl chloride, 277.  
**C<sub>7</sub>H<sub>11</sub>O<sub>4</sub>Br**  $\alpha$ -Bromo- $\beta$ -methyl- $\beta$ -ethylsuccinic acid, 1223.  
     Bromotrimethylsuccinic acid, 1225.  
**C<sub>7</sub>H<sub>13</sub>O<sub>3</sub>N<sub>3</sub>**  $\gamma$ -Ketobutyl acetate semicarbazone, 2670.  
**C<sub>7</sub>H<sub>13</sub>O<sub>3</sub>Tl** Methyl (dimethylthalli)acetoacetate, 2738.  
**C<sub>7</sub>H<sub>13</sub>O<sub>4</sub>N** Bishydroxymethyltetrahydro- $\gamma$ -pyrone oxime, 2670.  
**C<sub>7</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** Ethylmalonbismethylamide, 2782.

- C<sub>7</sub>H<sub>15</sub>ON** Ethyl  $\alpha$ -dimethylaminoethyl ketone, picrate of, 2610.  
**C<sub>7</sub>H<sub>18</sub>IAs** Trimethyl-*n*-butylarsonium iodide, 2287.

7 IV

- C<sub>7</sub>H<sub>5</sub>O<sub>3</sub>N<sub>2</sub>Cl** Chlorophenylnitrolic acids, 40.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>FS** Benzaldehyde-*o*-sulphonyl fluoride, 2046.  
**C<sub>7</sub>H<sub>5</sub>O<sub>4</sub>N<sub>2</sub>Br** 2:4-Dibromo-6-nitroresorcinol 3-methyl ether, 274.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>Cl<sub>2</sub>S**  $\omega$ -Chloro-*o*-toluenesulphonyl chloride, 2045.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>NCl** 4-Chloro-3-nitroanisole, 1814.  
**C<sub>7</sub>H<sub>5</sub>O<sub>3</sub>NBr** Bromo-2-nitro-*p*-cresols, 2947.  
**C<sub>7</sub>H<sub>5</sub>O<sub>3</sub>Cl<sub>2</sub>S** 2-Chloroanisole-4-sulphonyl chloride, 717.  
**C<sub>7</sub>H<sub>5</sub>O<sub>3</sub>IAs** Benz-*p*-arsenious hydroxyiodide, 967.  
**C<sub>7</sub>H<sub>5</sub>O<sub>4</sub>NBr** Bromonitroresorcinol 3-methyl ether, 526.  
**C<sub>7</sub>H<sub>5</sub>OCl<sub>2</sub>I** *m*-Iodophenyl methyl ether iododichloride, 2859.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>N<sub>2</sub>Cl** 2-Chlorobenzoquinone 4-oxime-1-semicarbazone, 868.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>FS**  $\omega$ -Toluenesulphonyl fluoride, 486.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>FS**  $\omega$ -Hydroxytoluenesulphonyl fluorides, 2045.  
**C<sub>7</sub>H<sub>13</sub>O<sub>2</sub>NS** Acetylthiocarbimide, 1808.  
**C<sub>7</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>Br** Ethylbromomalonbismethylamide, 2782.

7 V

- C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>NFS** *o*-Cyanobenzenesulphonyl fluoride, 2046.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>CIFS**  $\omega$ -Chlorotoluenesulphonyl fluorides, 2044.  
**C<sub>7</sub>H<sub>5</sub>O<sub>2</sub>IFS**  $\omega$ -Iodotoluenesulphonyl fluorides, 2044.  
**C<sub>7</sub>H<sub>5</sub>O<sub>3</sub>NCIS** 2-Chloroanisole-4-sulphonamide, 717.  
**C<sub>7</sub>H<sub>14</sub>O<sub>3</sub>N<sub>2</sub>SCo** Thiocyanocobaltotris-( $\beta$ -hydroxyethyl)amine, 2861.

C<sub>8</sub> Group.

- C<sub>8</sub>H<sub>4</sub>N<sub>2</sub>** *p*-Diisocyanobenzene, 1418.  
**C<sub>8</sub>H<sub>6</sub>O<sub>4</sub>** Aldehydosalicylic acids, preparation of, 1987.  
**C<sub>8</sub>H<sub>5</sub>N** *o*-Toluonitrile, conductivity of electrolytes in, 1512.  
**C<sub>8</sub>H<sub>5</sub>O<sub>2</sub>** Methyl benzoate, compound of, with boron trifluoride, 1497.  
**C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>** 2:4-Dihydroxy-3-methylbenzaldehyde, 1691.  
 1-Methoxy-2:3-methylenedioxybenzene, 1282.  
**C<sub>8</sub>H<sub>8</sub>O<sub>8</sub>** Homoterpenylic acid, and its salts, 1428.  
**C<sub>8</sub>H<sub>9</sub>Cl** *d*- and *l*- $\alpha$ -Chloroethylbenzenes, formation of, 1232.  
**C<sub>8</sub>H<sub>10</sub>O** *l*-Phenylmethylcarbinol, conversion of, into *d*- and *l*- $\alpha$ -chloroethylbenzenes, 1232.  
**C<sub>8</sub>H<sub>10</sub>O<sub>4</sub>** 2-Carboxy- $\Delta^1$ -cyclopentylacetic acid, 2431.  
 $\alpha$ -Hydroxy-1-carboxycyclopentane-1-acetic anhydride, 1222.  
 $\alpha$ -Hydroxy-1-carboxycyclopentane-1-acetolactone, 1222.  
 1-Hydroxycyclopentane-1-malonolactone, 1226.  
**C<sub>8</sub>H<sub>10</sub>O<sub>5</sub>**  $\alpha$ -Keto-1-carboxycyclopentane-1-acetic acid, 1222.  
**C<sub>8</sub>H<sub>12</sub>O<sub>2</sub>** 3-Methylcyclopentylideneacetic acid, 1075.  
**C<sub>8</sub>H<sub>12</sub>O<sub>4</sub>**  $\alpha$ -Carboxy- $\alpha$ -methyl- $\Delta\beta$ -hexenoic acids, 2453.  
**C<sub>8</sub>H<sub>12</sub>O<sub>5</sub>**  $\beta$ -Ethoxy- $\Delta^{\alpha}$ -butene- $\alpha\delta$ -dicarboxylic acid, 2566.  
 $\alpha$ -Hydroxy-1-carboxycyclopentane-1-acetic acid, 1222.  
**C<sub>8</sub>H<sub>12</sub>O<sub>7</sub>**  $\alpha$ -Methylglucofuranoside 5:6-monocarbonate, 2256.  
**C<sub>8</sub>H<sub>14</sub>O<sub>3</sub>** 3-Methylcyclopentan-1-ol-1-acetic acid, 1075.  
**C<sub>8</sub>H<sub>16</sub>O<sub>4</sub>**  $\gamma$ -Keto- $\beta\delta$ -bishydroxymethyl- $\beta$ -methyl-*n*-amyl alcohol, 2673.  
**C<sub>8</sub>H<sub>17</sub>As** *cyclo*Hexyldimethylarsine, 2287.

$C_8H_{18}S$  *n*-Butyl sulphide, dipole moment of, 2819.

$C_8H_{19}As$  Diethyl-*n*-butylarsine, 2289.

## 8 III

$C_8H_6O_6N_4$  5:7-Dinitroisatin-3-oxime, 782.

$C_8H_5O_2N_4$  4-Nitro-5-(3-pyridyl)pyrazole, and its salts, 2768.

$C_8H_5O_4N_4$  5:7-Dinitro-2-aminoindole, 782.

$C_8H_7O_2I$  *m*-Iodophenyl acetate, 2858.

$C_8H_7O_5N$  3-Nitro-2-hydroxy-4-methoxybenzaldehyde, 526.

2-Nitro-6-methoxybenzoic acid, 1795.

6-Nitrovanillin, 1237.

$C_8H_7O_6N$  6-Nitroisovanillic acid, 1372.

$C_8H_5O_2N_2$  *o*-Tolylmethylnitrolic acid, 40.

$C_8H_5O_4N_2$  *o*-Methoxyphenylmethylnitrolic acid, 40.

*m*-Tolylidinitromethane, 39.

$C_8H_9O_4N_4$  3-Carbethoxy-1-carbamyl-4-cyanopyrazolone, 1092.

$C_8H_9ON$  Acetanilide, action of phosphorus pentachloride on, 1140; compound of, with boron trifluoride, 1496.

$C_8H_9OI$  *m*-Iodophenylethyl ether, 2859.

$C_8H_9O_2N$  Anhydro-2:6-dihydroxy-3-( $\beta$ -hydroxyethyl)-4-methylpyridine, 2021.

*m*-Anisaldoxime, and its salts, 702.

*m*-Methoxybenzamide, 702.

$C_8H_9O_3N$  2-Amino-6-methoxybenzoic acid, 1795.

Nitrophenetoles, reduction and hydrolysis of, 2955.

$C_8H_{10}O_2N_2$  Nitrosomethyl-*p*-anisidine, 1814.

$C_8H_{10}O_2S_2$  Phenylsulphonylmethylthiomethane, 1823.

$C_8H_{10}BrAs$  *p*-Bromophenyldimethylarsine, 2287.

$C_8H_{11}ON$  *m*-Methoxybenzylamine, and its salts, 702.

$C_8H_{11}OAs$  Phenyldimethylarsenoxide, 968.

$C_8H_{11}O_2N_3$  3-Nitro-4-aminodimethylaniline, and its salts, 2977.

$C_8H_{11}O_3N_3$  Diacetylcreatine, 2054.

$C_8H_{11}O_4Br$   $\alpha$ -Bromo-1-carboxycyclopentane-1-acetic acid, 1221.

$C_8H_{11}O_6P$  Anisaldehyde phosphate, 2921.

$C_8H_{12}O_2N_2$  2:4-Diaminoresorcinol dimethyl ether, hydrochloride of, 2878.

$C_8H_{13}ON$  Keto-octahydropyrrocolines, 2972.

$C_8H_{13}O_4Cl$  Chloroacetoxyhexoic acid, 2069.

$C_8H_{15}ON$   $\beta$ -Ethoxy-*n*-hexonitrile, 452.

$C_8H_{15}O_2Tl$  Dimethylthallium propionylacetone, 2606.

$C_8H_{15}O_3N_3$   $\gamma$ -Keto- $\beta$ -methylbutyl alcohol semicarbazone, 2670.

$C_8H_{16}O_2N$  Diacetyldimethylammonium chloride, 1935.

$C_8H_{16}O_2N_2$  1-Hydroxycyclohexylacetic acid hydrazide, 1782.

$C_8H_{17}ON$   $\alpha$ -Dimethylaminoethyl *n*-propyl ketone, picrate of, 2610.

$C_8H_{19}OAs$  Diethyl-*n*-butylarsine oxide, 2289.

$C_8H_{20}IAs$  Trimethylamylarsonium iodides, 2287.

## 8 IV

$C_8H_2O_2Cl_2I$  4:6-Dichloro-3-iodophenyl acetate, 2860.

$C_8H_5O_3NS$  2-Nitro-3-hydroxy-1-thionaphthen, and its sodium salt, 2887.

$C_8H_6OCIBr$   $\omega$ -Chloro-*m*-bromoacetophenone, 1931.

$C_8H_6O_2CII$  6-Chloro-3-iodophenyl acetate, 2859.

$C_8H_6O_5NBr$  Nitrobromo-2-hydroxy-4-methoxybenzaldehydes, 526.

$C_8H_6ONCl$  *N*-Chloroacetanilide, intramolecular change of, 1920.

- C<sub>8</sub>H<sub>7</sub>ON<sub>3</sub>Br** *m*-Bromobenzaldehyde semicarbazone, 703.  
**C<sub>8</sub>H<sub>7</sub>O<sub>2</sub>IAs** *p*-Carboxyphenylmethyliodoarsine, 967.  
**C<sub>8</sub>H<sub>7</sub>O<sub>2</sub>NBr** Bromo-2-nitro-*p*-tolyl methyl ethers, 2947.  
**C<sub>8</sub>H<sub>7</sub>ON<sub>2</sub>Cl** Carbamido-*m*-chlorobenzylamine, 701.  
**C<sub>8</sub>H<sub>7</sub>ON<sub>2</sub>Br** Carbamidophthalo-*m*-bromobenzylimide, 701.  
**C<sub>8</sub>H<sub>7</sub>ON<sub>2</sub>I** Carbamido-*m*-iodobenzylamine, 702.  
**C<sub>8</sub>H<sub>7</sub>O<sub>2</sub>N<sub>2</sub>As** *N*-Phenylglycineamide-*p*-arsenoxide, 2507.  
**C<sub>8</sub>H<sub>7</sub>O<sub>2</sub>ClS** 4-Chlorophenylsulphonylmethylthiomethane, 1825.  
**C<sub>8</sub>H<sub>7</sub>O<sub>4</sub>NS** *o*-Nitrophenylethylsulphone, 1449.  
**C<sub>8</sub>H<sub>10</sub>O<sub>5</sub>NAs** 6-Nitro-*p*-xylyl-2-arsonic acid, 502.  
**C<sub>8</sub>H<sub>12</sub>O<sub>5</sub>NAs** 6-Amino-*p*-xylyl-2-arsonic acid, 502.  
**C<sub>8</sub>H<sub>13</sub>ONSe** Selenotropinone, 2486.  
**C<sub>8</sub>H<sub>13</sub>O<sub>2</sub>NS<sub>2</sub>** Methyleneethylsulphinebenzenesulphonylimine, 972.  
**C<sub>8</sub>H<sub>19</sub>O<sub>2</sub>N<sub>2</sub>SI** 8-Benzenesulphonylethylamino-1-methylquinolinium iodide, 2213.

### C<sub>9</sub> Group.

- C<sub>9</sub>H<sub>8</sub>N<sub>4</sub>** 7:8-Triazolquinoline, 2197.  
**C<sub>9</sub>H<sub>7</sub>N** *n*- and *iso*-Quinolines, dipole moments of, 2810.  
**C<sub>9</sub>H<sub>7</sub>O<sub>2</sub>** Cinnamic acid, addition of bromine to, in acetic acid, 979.  
**C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>** 2-Hydroxy-4-methoxy-3-methylbenzaldehyde, 1691.  
     *γ*-Phenylmethoxyacetic acid, resolution of, 338.  
**C<sub>9</sub>H<sub>10</sub>O<sub>4</sub>** 2-Hydroxy-4-methoxy-3-methylbenzoic acid, 1691.  
**C<sub>9</sub>H<sub>11</sub>Cl** 2:5-Dimethylbenzyl chloride, 2525.  
**C<sub>9</sub>H<sub>12</sub>O<sub>2</sub>** Resorcinol *isopropyl* ether, 870.  
**C<sub>9</sub>H<sub>12</sub>O<sub>3</sub>** Glycerol *α*-phenyl ether, 1973.  
**C<sub>9</sub>H<sub>12</sub>O<sub>4</sub>** 2-Carbethoxy-*Δ*<sup>1</sup>-cyclopentenylpropionic acid, 2431.  
     2-Carboxy-*Δ*<sup>1</sup>-cyclohexenylacetic acid, 2432.  
     *α*-Hydroxy-1-carboxycyclohexane-1-acetic anhydride, 1220.  
     *α*-Hydroxy-1-carboxycyclohexane-1-acetolactone, 1220.  
     1-Hydroxycyclohexane-1-malonolactone, 1226.  
**C<sub>9</sub>H<sub>12</sub>O<sub>5</sub>** *α*-Keto-1-carboxycyclohexane-1-acetic acid, 1221.  
**C<sub>9</sub>H<sub>13</sub>As** Tolyldimethylarsines, 2287.  
**C<sub>9</sub>H<sub>13</sub>O<sub>2</sub>** *δ*-Hydroxy-*ββ*-dimethyl-*Δ*<sup>7</sup>-heptenolactone, 1082.  
     1:1:4-Trimethylcyclohexane-3:5-dione, 1081.  
**C<sub>9</sub>H<sub>14</sub>O<sub>4</sub>** *dl*-3-Carboxy-1:1-dimethylcyclopropane-2-propionic acids, 1427.  
     Ethyl glutaconate, preparation of, 2666.  
**C<sub>9</sub>H<sub>14</sub>O<sub>5</sub>** *α*-Hydroxy-1-carboxycyclohexane-1-acetic acid, 1220.  
**C<sub>9</sub>H<sub>15</sub>N** *m*-Dimethylaminobenzylamine, and its salts, 702.  
     *iso*Norlupinene, 2968.  
**C<sub>9</sub>H<sub>16</sub>O<sub>3</sub>** *γ*-Propionyl-*ββ*-dimethylbutyric acid, 1082.  
**C<sub>9</sub>H<sub>16</sub>O<sub>4</sub>** Diisopropylmalonic acid, sodium salt, 1766.  
**C<sub>9</sub>H<sub>16</sub>O<sub>6</sub>** Trimethyl galactonolactone, 2484.  
**C<sub>9</sub>H<sub>17</sub>N** Octahydropyridocolines, 2965.  
**C<sub>9</sub>H<sub>18</sub>O<sub>3</sub>** Ethyl *β*-hydroxy-*α*-methyl-*n*-hexoate, 2458.  
**C<sub>9</sub>H<sub>19</sub>N** 2-*n*-Butylpiperidine, 2964.  
**C<sub>9</sub>H<sub>20</sub>N<sub>2</sub>** 2:3:4:5:6-Pentamethylpiperazines, and their salts, 1339.  
**C<sub>9</sub>H<sub>21</sub>As** Methyl dibutylarsines, 2285.

### 9 III

- C<sub>9</sub>H<sub>6</sub>O<sub>4</sub>N<sub>2</sub>** 3-Nitroindole-2-carboxylic acid, 783.  
**C<sub>9</sub>H<sub>6</sub>O<sub>5</sub>N<sub>4</sub>** 6:8-Dinitro-3-amino-2-hydroxyquinoline, 783.



- C<sub>9</sub>H<sub>7</sub>O<sub>6</sub>N** 6-Nitro-3-hydroxy-4-methoxyphthalide, 1372.  
**C<sub>9</sub>H<sub>7</sub>N<sub>2</sub>Cl** 8-Chloro-5-aminoquinoline, 2106.  
**C<sub>9</sub>H<sub>7</sub>N<sub>2</sub>Br** 8-Bromo-5-aminoquinoline, 2106.  
**C<sub>9</sub>H<sub>8</sub>O<sub>2</sub>N<sub>4</sub>** Substance, and its salts, from methylation of 4-nitro-5-(3-pyridyl)-pyrazole, 2770.  
**C<sub>9</sub>H<sub>9</sub>OI** *ω*-Iodo-*p*-methylacetophenone, 1154.  
*m*-Iodophenyl allyl ether, 2859.  
**C<sub>9</sub>H<sub>9</sub>O<sub>2</sub>I** *ω*-Iodo-*p*-methoxyacetophenone, 1154.  
**C<sub>9</sub>H<sub>9</sub>O<sub>3</sub>I** *m*-Iodophenyl ethyl carbonate, 2859.  
**C<sub>9</sub>H<sub>10</sub>OS** 2-Methylthiolacetophenone, 230.  
**C<sub>9</sub>H<sub>11</sub>ON** Methylacetanilide, compound of, with boron trifluoride, 1496.  
**C<sub>9</sub>H<sub>11</sub>O<sub>2</sub>N** Aceto-*o*-anisidine, sulphonation of, 715.  
**C<sub>9</sub>H<sub>11</sub>O<sub>2</sub>N** *m*-Nitrophenyl isopropyl ether, 872.  
 6-Nitroso-3-isopropoxyphenol, 871.  
**C<sub>9</sub>H<sub>11</sub>O<sub>3</sub>N<sub>3</sub>** *ω*-Nitro-*α*-hydroxypropaldehyde phenylhydrazone, 753.  
**C<sub>9</sub>H<sub>11</sub>O<sub>4</sub>N** Nitro-3-isopropoxyphenols, 871.  
**C<sub>9</sub>H<sub>11</sub>S<sub>2</sub>Sb** 1-*p*-Tolylcyclo-2:5-dithia-3:4-dimethylenestibine, 1828.  
**C<sub>9</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** Nitrobenzylidimethylamines, 64.  
**C<sub>9</sub>H<sub>12</sub>O<sub>3</sub>N<sub>2</sub>** 4-Nitro-3-aminophenyl isopropyl ether, 872.  
 9-*o*-Nitrobenzoylcarbazole, 2189.  
 Nitrodimethyl-*p*-anisidines, and their salts, 1814.  
**C<sub>9</sub>H<sub>12</sub>O<sub>4</sub>S<sub>2</sub>** *p*-Tolylsulphonylmethylsulphonylmethane, 1823.  
**C<sub>9</sub>H<sub>12</sub>O<sub>3</sub>S<sub>3</sub>** Phenylsulphonylbis(methylsulphonyl)methane, 1825.  
**C<sub>9</sub>H<sub>12</sub>NBr** Bromobenzylidimethylamines, picrates of, 63.  
**C<sub>9</sub>H<sub>12</sub>NI** Iodobenzylidimethylamines, salts of, 64.  
**C<sub>9</sub>H<sub>13</sub>ON** *m*-Aminophenyl isopropyl ether, and its hydrochloride, 872.  
*α*-*m*-Hydroxyphenylethylamine, resolution of, and its salts, 2513.  
**C<sub>9</sub>H<sub>13</sub>O<sub>2</sub>N** β-3:4-Dihydroxy-β-phenylethylmethylamine, oxidation of, with silver oxide, 546.  
 4-Methylaminoveratrole, 549.  
**C<sub>9</sub>H<sub>13</sub>O<sub>4</sub>Br** *α*-Bromo-1-carboxycyclohexane-1-acetic acid, 1219.  
**C<sub>9</sub>H<sub>13</sub>Br<sub>2</sub>As** Tolyldimethylarsine dibromides, 2288.  
**C<sub>9</sub>H<sub>15</sub>ON** 4-Keto-octahydropyridicoline, 2965.  
**C<sub>9</sub>H<sub>15</sub>O<sub>4</sub>N** β-2-Carboxypiperidinopropionic acid, 2971.  
**C<sub>9</sub>H<sub>16</sub>ON<sub>2</sub>** *N*-Methylaztropinone, and its dipicrate, 2487.  
**C<sub>9</sub>H<sub>17</sub>O<sub>2</sub>Cl** *d*-β-Octyl chloroformate, conversion of, into β-chloro-octane, 108.  
**C<sub>9</sub>H<sub>17</sub>O<sub>2</sub>Tl** Dimethylthallium dipropionylmethane, 2606.  
**C<sub>9</sub>H<sub>17</sub>O<sub>3</sub>Tl** Methyl (diethylthalli)acetoacetate, 2738.  
**C<sub>9</sub>H<sub>19</sub>ON** δ-2-Piperidyl-*n*-butyl alcohol, 2965.  
**C<sub>9</sub>H<sub>19</sub>ON<sub>3</sub>** 1-Nitrosopentamethylpiperazine, 1340.  
**C<sub>9</sub>H<sub>20</sub>IAs** cycloHexyldimethylarsine methiodide, 2287.  
**C<sub>9</sub>H<sub>22</sub>IAs** Diethyl-*n*-butylarsine methiodide, 2289.

## 9 IV

- C<sub>9</sub>H<sub>7</sub>O<sub>3</sub>N<sub>4</sub>As** 7:8-Triazolquinoline-5-arsonic acid, 2197.  
**C<sub>9</sub>H<sub>7</sub>O<sub>6</sub>N<sub>2</sub>As** 6-Nitro-5-hydroxyquinoline-8-arsonic acid, 2107.  
**C<sub>9</sub>H<sub>8</sub>O<sub>3</sub>NBr** *m*-Nitrophenyl *α*-bromoethyl ketone, 1155.  
**C<sub>9</sub>H<sub>8</sub>O<sub>4</sub>NBr** Bromo-2-nitro-*p*-tolyl acetates, 2948.  
**C<sub>9</sub>H<sub>9</sub>OBr<sub>2</sub>I** *m*-Iodophenyldibromopropyl ether, 2859.  
**C<sub>9</sub>H<sub>9</sub>O<sub>3</sub>ClS** 4-Chlorophenylsulphonylacetone, 1825.  
**C<sub>9</sub>H<sub>9</sub>O<sub>3</sub>Cl<sub>2</sub>I** *m*-Iodophenyl ethyl carbonate iododichloride, 2859.

- C<sub>9</sub>H<sub>10</sub>ONI** Acetyl-*m*-iodobenzylamine, 702.  
**C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>NAs** *N*-Phenylglycine-*p*-arsenoxide methyl ester, 2507.  
**C<sub>9</sub>H<sub>11</sub>O<sub>3</sub>NS** 2-Acetamidoanisole-4-sulphinic acid, 719.  
 Nitrophenylpropylsulphones, 1448.  
**C<sub>9</sub>H<sub>12</sub>O<sub>4</sub>N<sub>2</sub>S** 2-Acetamidoanisole-4-sulphonamide, 718.  
**C<sub>9</sub>H<sub>12</sub>O<sub>3</sub>N<sub>3</sub>As** *p*-Arsonoanilinomalonamide, 2781.  
**C<sub>9</sub>H<sub>13</sub>O<sub>4</sub>NS** Dimethylaniline methylenesulphate, 91.

## 9 V

- C<sub>9</sub>H<sub>6</sub>O<sub>5</sub>N<sub>2</sub>ClAs** 5-Chloro-6-nitroquinoline-8-arsonic acid, 2107.  
**C<sub>9</sub>H<sub>7</sub>O<sub>3</sub>NClAs** Chloroquinolinearsonic acids, 2107.  
**C<sub>9</sub>H<sub>7</sub>O<sub>3</sub>NBrAs** 8-Bromoquinoline-5-arsonic acid, 2106.  
**C<sub>9</sub>H<sub>10</sub>O<sub>4</sub>NCIS** 2-Acetamidoanisole-4-sulphonyl chloride, 718.

C<sub>10</sub> Group.

- C<sub>10</sub>H<sub>16</sub>** Bornylene, effect of solvents on rotation of, 543.  
**C<sub>10</sub>H<sub>18</sub>** Menthene, effect of solvents on rotation of, 543.

## 10 II

- C<sub>10</sub>H<sub>11</sub>N** 2:5-Dimethylbenzyl cyanide, 2525.  
**C<sub>10</sub>H<sub>11</sub>I** 1-Iodotetrahydronaphthalene, 283.  
**C<sub>10</sub>H<sub>11</sub>O<sub>3</sub>** 2-Hydroxy-4-methoxy-3-methylacetophenone, 1692.  
*cis*-3-Methylcyclopentanespirocyclopropane-2':3'-dicarboxylic anhydride, 1071.  
**C<sub>10</sub>H<sub>12</sub>O<sub>4</sub>** *iso*Rhizonic acid, 1677.  
**C<sub>10</sub>H<sub>13</sub>Br**  $\beta$ -2:5-Dimethylphenylethyl bromide, 2525.  
**C<sub>10</sub>H<sub>14</sub>O**  $\beta$ -2:5-Dimethylphenylethyl alcohol, 2525.  
**C<sub>10</sub>H<sub>14</sub>O<sub>2</sub>** 3-Methylcyclopentanespirocyclopentane-3':4'-dione, 1078.  
**C<sub>10</sub>H<sub>14</sub>O<sub>3</sub>** 1-Carboxycyclohexane-1- $\alpha$ -propionic anhydride, 1225.  
 1-Carboxymethylcyclohexane-1-acetic anhydrides, 1058, 1063.  
**C<sub>10</sub>H<sub>14</sub>O<sub>4</sub>**  $\alpha$ -Hydroxy-1-carboxycyclohexane-1- $\alpha$ -propionolactone, 1225.  
 $\alpha$ -Hydroxy-3-methylcyclopentane-1:1-diacetolactones, 1072.  
 3-Methylcyclopentanespirocyclopropane-2':3'-dicarboxylic acids, 1071.  
**C<sub>10</sub>H<sub>14</sub>O<sub>5</sub>** *aa'*-Dihydroxy-3-methylcyclopentane-1:1-diacetolactone, 1077.  
 $\alpha$ -Keto-3-methylcyclopentane-1:1-diacetic acid, 1073.  
**C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>** *dl*-6-Amino-4-methyl-1:2:3:4-tetrahydroquinoline, dipicrate of, 2624.  
 Nicotine, properties of, 1613, 1623.  
**C<sub>10</sub>H<sub>15</sub>N** Methylbenzyl dimethylamines, salts of, 66.  
**C<sub>10</sub>H<sub>15</sub>As**  $\beta$ -Phenylethyl dimethylarsine, 2288.  
 Xylyldimethylarsines, 2288.  
**C<sub>10</sub>H<sub>16</sub>O** Camphor, rotation of, in strong mineral acids, 2924; rotation-dispersion of, 1715.  
**C<sub>10</sub>H<sub>16</sub>O<sub>2</sub>** 1:1-Dimethyl-4-ethylcyclohexane-3:5-dione, 1083.  
**C<sub>10</sub>H<sub>16</sub>O<sub>2</sub>**  $\delta$ -Hydroxy- $\beta\beta$ -dimethyl- $\Delta^7$ -*isooctenolactone*, 1082.  
 5-Methoxy-1-methyl-1-ethyl- $\Delta^4$ -cyclohexen-3-one, 1086.  
 1:1:4:4-Tetramethylcyclohexane-3:5-dione, 1081.  
**C<sub>10</sub>H<sub>16</sub>O<sub>3</sub>** 1-Acetyl-3-methylcyclopentane-1-acetic acid, 1078.  
 1:1-Dimethyl-2- $\gamma$ -ketocyclopropane-3-carboxylic acids, 1427.  
**C<sub>10</sub>H<sub>16</sub>O<sub>4</sub>** 1-Carboxycyclohexane-1- $\alpha$ -propionic acid, 1224.  
 $\alpha$ -Carboxy- $\beta$ -hydroxy- $\beta$ -*n*-propylhexolactone, 1226.  
 1-Carboxymethylcyclohexane-1-acetic acids, 1058, 1063.  
**C<sub>10</sub>H<sub>16</sub>O<sub>5</sub>**  $\gamma$ -Keto- $\beta$ -hydroxymethyl- $\beta$ -methylbutyl acetate, 2671.  
**C<sub>10</sub>H<sub>17</sub>Br** 9-Bromodecalin, 1782.

- C<sub>10</sub>H<sub>16</sub>O** Borneol, effect of solvents on rotation of, 343.  
**C<sub>10</sub>H<sub>18</sub>O<sub>3</sub>**  $\gamma$ -Butyryl- $\beta\beta$ -dimethylbutyric acids, 1082, 1083.  
**C<sub>10</sub>H<sub>20</sub>O<sub>3</sub>** Ethyl  $\beta$ -ethoxyhexoate, 2457.  
**C<sub>10</sub>H<sub>20</sub>O<sub>6</sub>** 2:3:5:6-Tetramethyl glucofuranose, 2257.  
 Tetramethyl glucopyranose, 2282.  
**C<sub>10</sub>H<sub>21</sub>N** 1-Methyl-2-*n*-butylpiperidine, and its salts, 2964.  
**C<sub>10</sub>H<sub>22</sub>N<sub>2</sub>** 1:2:3:4:5:6-Hexamethylpiperazines, and their salts, 1340.  
**C<sub>10</sub>H<sub>23</sub>As** Di-*n*-propyl-*n*-butylarsine, 2289.  
 Ethyldi-*n*-butylarsine, 2289.  
**C<sub>10</sub>H<sub>23</sub>Sb** Ethyl-di-*n*-butylstibine, 1815.
- 10 III**
- C<sub>10</sub>H<sub>5</sub>O<sub>6</sub>N** 6-Nitrocoumarin-3-carboxylic acid, 784.  
**C<sub>10</sub>H<sub>5</sub>O<sub>7</sub>N<sub>3</sub>** 6:8-Dinitrocarbostyryl-3-carboxylic acid, 782.  
**C<sub>10</sub>H<sub>6</sub>O<sub>6</sub>N<sub>2</sub>** 6-Nitro-2:3-dihydroxyquinoline-4-carboxylic acid, 784.  
**C<sub>10</sub>H<sub>7</sub>O<sub>5</sub>Sb**  $\beta$ -Naphthylstibinous oxide, 1817.  
**C<sub>10</sub>H<sub>7</sub>NBr<sub>2</sub>** 1:3-Dibromo-*p*-naphthylamine, 2733.  
**C<sub>10</sub>H<sub>8</sub>O<sub>2</sub>N<sub>2</sub>** Nitromethoxyquinolines, and their salts, 2625.  
**C<sub>10</sub>H<sub>8</sub>Cl<sub>5</sub>Sb**  $\beta$ -Naphthylchloroantimonic acid, ammonium salt, 1817.  
**C<sub>10</sub>H<sub>9</sub>O<sub>3</sub>Sb**  $\beta$ -Naphthylstibonic acid, 1817.  
**C<sub>10</sub>H<sub>9</sub>O<sub>7</sub>N** Acetyl-6-nitroisovanillic acid, 1372.  
**C<sub>10</sub>H<sub>9</sub>N<sub>2</sub>Br** 4-Bromo-1-naphthylhydrazine, 2195.  
**C<sub>10</sub>H<sub>10</sub>ON<sub>2</sub>** Aminomethoxyquinolines, and their salts, 2625.  
**C<sub>10</sub>H<sub>11</sub>O<sub>2</sub>N** 5-Phenyl-4-methyl-2-oxazolidone, 1137.  
**C<sub>10</sub>H<sub>11</sub>O<sub>3</sub>N** 4-Amino- $\omega$ -acetoxyacetophenone, 1441.  
**C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>S<sub>2</sub>** Phenylsulphonylmethylthioacetone, 1823.  
**C<sub>10</sub>H<sub>13</sub>O<sub>3</sub>N<sub>3</sub>** Nitro-*p*-dimethylaminoacetanilides, and their salts, 2977.  
**C<sub>10</sub>H<sub>13</sub>O<sub>3</sub>Br**  $\alpha$ -Bromo-1-carboxycyclohexane-1- $\alpha$ -propionic anhydride, 1225.  
**C<sub>10</sub>H<sub>13</sub>O<sub>4</sub>N<sub>3</sub>** Triacetylcreatinine, 2054.  
**C<sub>10</sub>H<sub>14</sub>ON<sub>2</sub>** 5-Aminomethoxy-1:2:3:4-tetrahydroquinolines, 2625.  
**C<sub>10</sub>H<sub>14</sub>O<sub>2</sub>S** Phenyl-*n*-butylsulphone, 1448.  
**C<sub>10</sub>H<sub>14</sub>O<sub>4</sub>Br<sub>2</sub>**  $\alpha\alpha'$ -Dibromo-3-methylcyclopentane-1:1-diacetic acid, 1073.  
**C<sub>10</sub>H<sub>14</sub>O<sub>6</sub>S<sub>3</sub>** *p*-Tolylsulphonylbis(methylsulphonyl)methane, 1825.  
**C<sub>10</sub>H<sub>15</sub>ON** Ephedrine, action of, on benzaldehyde, 1580.  
*dl*- $\alpha$ -*m*-Methoxyphenylethylmethylamine, and its hydrochloride, 2515.  
**C<sub>10</sub>H<sub>15</sub>OBr** Bromopiperitone, 1422.  
**C<sub>10</sub>H<sub>15</sub>O<sub>2</sub>N** Oximinocamphor, rotation-dispersion of, 1715.  
**C<sub>10</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** *d*-Nor- $\psi$ -ephedrinoformylhydrazide, 1136.  
**C<sub>10</sub>H<sub>15</sub>O<sub>4</sub>Br**  $\alpha$ -Bromo-1-carboxycyclohexane-1- $\alpha$ -propionic acid, 1225.  
**C<sub>10</sub>H<sub>15</sub>Br<sub>2</sub>As** *p*-Xylyldimethylarsine dibromide, 2288.  
**C<sub>10</sub>H<sub>16</sub>O<sub>3</sub>N<sub>2</sub>** Camphor- $\psi$ -nitrole, 37.  
**C<sub>10</sub>H<sub>16</sub>O<sub>4</sub>S** Camphor- $\beta$ -sulphonic acid, rotatory dispersion and circular dichroism of, 2654.  
**C<sub>10</sub>H<sub>16</sub>IAS** Tolytrimethylarsonium iodides, 2288.  
**C<sub>10</sub>H<sub>17</sub>ON** *N*-Methylhomogranatone, and its salts, 1430.  
**C<sub>10</sub>H<sub>17</sub>O<sub>3</sub>N** 1:1-Dimethyl-2- $\gamma$ -ketobutylcyclopropane-3-carboxylic acid oximes, 1427.  
**C<sub>10</sub>H<sub>18</sub>ON** *N*-Methylhomogranatoline, and its picrate, 1432.  
**C<sub>10</sub>H<sub>18</sub>O<sub>2</sub>Tl** Diethylthallium propionylacetone, 2606.  
**C<sub>10</sub>H<sub>23</sub>OAs** Di-*n*-propyl-*n*-butylarsine oxide, 2289.  
 Ethyldi-*n*-butylarsine oxide, 2289.  
**C<sub>10</sub>H<sub>24</sub>IA** Dimethyldi-*n*-butylarsonium iodide, 2285.

10 IV

- $C_{10}H_8O_3N_2S$  2-Nitro-3-acetamido-1-thionaphthen, 2887.  
 $C_{10}H_9N_3ClAs$  Di-3-pyridylchloroarsine, 1500.  
 $C_{10}H_9O_2N_2As$  Di-3-pyridylarsonic acid, 1500.  
 $C_{10}H_9O_4NI_2$  Ethylene di-iodohydrin *p*-nitrobenzoates, 1976.  
 $C_{10}H_9O_4NS$  Quinoline methylenosulphate, 91.  
 $C_{10}H_{12}O_2N_2Pd$  Dipyridinopalladous hydroxide, 1908.  
 $C_{10}H_{13}O_2NS$  2-Acetamidoanisyl 4-methyl sulphide, 719.  
 $C_{10}H_{13}O_4NS$  2-Acetamidoanisyl-4-methylsulphone, 719.  
 Nitrophenyl-*n*-butylsulphones, 1448.  
 $C_{10}H_{14}O_4NAs$  6-Acetamido-*p*-xylyl-2-arsonic acid, 503.  
 $C_{10}H_{15}O_2NS_2$  Diethylsulphinebenzenesulphonylimine, 972.  
 $C_{10}H_{16}N_4Cl_2Pt$   $\beta$ -Diamminodipyridinoplatinous dichloride, 1012.  
 $C_{10}H_{16}N_4Cl_4Pd_2$  Diamminodipyridinopalladium chloropalladite, 1904.

10 V

- $C_{10}H_{12}O_5NS_2As$  Dicarboxymethyl-4-amino-3-hydroxyphenylthioarsinite, 1369.  
 $C_{10}H_{16}N_4Cl_4PdPt$  Diamminodipyridinopalladium chloroplatinite, 1905.

$C_{11}$  Group.

- $C_{11}H_{18}$  2-Methylene-*trans*-decalin, 2130.

11 II

- $C_{11}H_9Br$  4-Bromo-1-methylnaphthalene, 2016.  
 $C_{11}H_{15}O_2$  5-Keto-2-methoxy-5:6:7:8-tetrahydronaphthalene, 2314.  
 $C_{11}H_{15}O_4$  Acetylverninaldehyde, 1390.  
 $\beta$ -*m*-Methoxybenzoylpropionic acid, 2314.  
 $C_{11}H_{15}N_2$  2:4-Diamino-1-methylnaphthalene, 1832.  
 4:5-Diamino-1-methylnaphthalene, 2313.  
 $C_{11}H_{14}O_2$  2-Methoxy-6-methylpropiofenone, 1684.  
 $\gamma$ -Phenoxypropyl methyl ketone, 318.  
 $C_{11}H_{14}O_3$  *O*-Ethyleverninaldehyde, 1391.  
 $\gamma$ -*m*-Methoxyphenylbutyric acid, 2314.  
 4-Methylcyclohexanespirocyclopropane-2':3'-dicarboxylic anhydride, 1056.  
 $C_{11}H_{14}O_4$  *O*-Ethyleverninic acid, 1391.  
*cis*-3-Methylcyclopentanespiro-2'-methoxycyclopropane-2':3'-dicarboxylic anhydride, 1076.  
 $C_{11}H_{14}O_2$  1:1-Dimethyl-4-allylcyclohexane-3:5-dione, 1084.  
 $C_{11}H_{16}O_4$  Methylcyclohexanespirocyclopropane-2':3'-dicarboxylic acids, 1056, 1061.  
 $C_{11}H_{16}O_5$  *a*-Hydroxy-*a'*-methoxy-3-methylcyclopentane-1:1-diacetolactone, 1076.  
 $a$ -Ketomethylcyclohexane-1:1-diacetic acids, 1057, 1062.  
 3-Methylcyclopentanespiro-2'-methoxycyclopropane-2':3'-dicarboxylic acids, 1076.  
 $C_{11}H_{18}O_2$  1:1-Dimethyl-4-propylcyclohexane-3:5-diones, 1083.  
 $\delta$ -Hydroxy- $\beta$ -methyl- $\beta$ -ethyl- $\Delta^{\gamma}$ -isooctenoic lactone, 1086.  
 5-Propoxy-1:1-dimethyl- $\Delta^4$ -cyclohexen-3-ones, 1083.  
 1:4:4-Trimethyl-1-ethylcyclohexane-3:5-dione, 1086.  
 $C_{11}H_{18}O_3$  1-Propionylmethylcyclopentane-1-acetic acid, 1086.  
 $C_{11}H_{18}O_6$  *a*-Hydroxy-*a'*-methoxy-3-methylcyclopentane-1:1-diacetic acid, 1076.

- C<sub>11</sub>H<sub>20</sub>O<sub>3</sub>**  $\gamma$ -*iso*Butyryl- $\beta$ -methyl- $\beta$ -ethylbutyric acid, 1086.  
Ethyl  $\gamma$ -propionyl- $\beta\beta$ -dimethylbutyrate, 1082.  
**C<sub>11</sub>H<sub>22</sub>O<sub>6</sub>** 2:3:5:6-Tetramethyl  $\alpha$ -methylglucofuranoside, 2257.  
Tetramethyl methylglucopyranoside, 2281.  
**C<sub>11</sub>H<sub>25</sub>As** Methyl-di-*n*-amylarsine, 2285.

## 11 III

- C<sub>11</sub>H<sub>7</sub>O<sub>2</sub>Br** 8-Bromo-1-naphthoic acid, 178.  
**C<sub>11</sub>H<sub>7</sub>O<sub>6</sub>N<sub>3</sub>** 2:4:5-Trinitro-1-methylnaphthalene, 2313.  
**C<sub>11</sub>H<sub>8</sub>O<sub>4</sub>N<sub>2</sub>** Dinitro-1-methylnaphthalenes, 2312.  
**C<sub>11</sub>H<sub>9</sub>ON** 4-Amino-1-naphthaldehyde, 2312.  
**C<sub>11</sub>H<sub>9</sub>O<sub>2</sub>Cl** 3-Chloro-4:6-dimethylcoumarin, 1183.  
**C<sub>11</sub>H<sub>9</sub>O<sub>3</sub>N** 6-Nitro-2-methoxynaphthalene, 2717.  
**C<sub>11</sub>H<sub>9</sub>O<sub>2</sub>N** 6-Nitro-3-acetoxy-4-methoxyphthalide, 1372.  
**C<sub>11</sub>H<sub>10</sub>O<sub>6</sub>N<sub>2</sub>** Dinitrocannabinolactone, 1352.  
**C<sub>11</sub>H<sub>11</sub>O<sub>2</sub>N** 3:3-Dimethylindolenine-2-carboxylic acid, 301.  
**C<sub>11</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>** Benzoylcreatinine, and its salts, 2054.  
**C<sub>11</sub>H<sub>11</sub>O<sub>3</sub>N<sub>3</sub>** 1:1-Dimethyl-2- $\gamma$ -ketobutylcyclopropane-3-carboxylic acid semi-carbazones, 1427.  
**C<sub>11</sub>H<sub>11</sub>O<sub>4</sub>Cl** *O*-Acetyleverninoyl chloride, 1393.  
**C<sub>11</sub>H<sub>12</sub>ON<sub>2</sub>** Vasicine, 2742.  
**C<sub>11</sub>H<sub>12</sub>O<sub>4</sub>N<sub>4</sub>** 1-(2':4'-Dinitrophenyl)-3:4-dimethyl-4:5-dihydropyrazole, 2671.  
**C<sub>11</sub>H<sub>13</sub>O<sub>2</sub>N** 5:6-Dimethoxy-1-methylindole, 549.  
**C<sub>11</sub>H<sub>13</sub>O<sub>3</sub>N** 5:6-Dimethoxy-1-methyloxindole, 549.  
Ethyl  $\beta$ -2-pyridoylpropionate, 2965.  
**C<sub>11</sub>H<sub>14</sub>ON<sub>2</sub>** Cytisine, 2778.  
**C<sub>11</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** *p*-Nitrophenylpiperidine, preparation of, 1257.  
**C<sub>11</sub>H<sub>14</sub>O<sub>4</sub>N<sub>4</sub>** Methyl *n*-propyl ketone 2:4-dinitrophenylhydrazone, 2610.  
**C<sub>11</sub>H<sub>14</sub>O<sub>4</sub>S<sub>2</sub>** Ethyl phenylsulphonylmethylthioacetate, 1824.  
**C<sub>11</sub>H<sub>15</sub>ON**  $\alpha$ -Dimethylaminopropiophenone, and its picrate, 1937.  
**C<sub>11</sub>H<sub>15</sub>O<sub>2</sub>N** *m*-Acetamidophenyl isopropyl ether, 873.  
 $\alpha$ -2-Carbethoxy- $\Delta^1$ -cyclopentenylpropionitrile, 2430.  
 $\alpha$ -Ethoxypropionanilide, 2283.  
Ethyl  $\gamma$ -2-pyridylbutyrate, 2965.  
**C<sub>11</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** 2-Methoxy-4-methylacetophenone semicarbazone, 1683.  
2-Piperidyl-5-nitroaniline, 2773.  
**C<sub>11</sub>H<sub>15</sub>O<sub>4</sub>N<sub>3</sub>** 2:4-Dinitromethylisobutylaniline, 1355.  
**C<sub>11</sub>H<sub>15</sub>O<sub>4</sub>Br**  $\alpha$ -Bromo- $\alpha'$ -hydroxymethylcyclohexane-1:1-diacetic anhydrides, 1057, 1062.  
**C<sub>11</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>** 4-Nitroso-3-*isopropoxy*dimethylaniline, and its hydrochloride, 873.  
**C<sub>11</sub>H<sub>16</sub>O<sub>4</sub>Br**  $\alpha\alpha'$ -Dibromo-4-methylcyclohexane-1:1-diacetic acid, 1057.  
**C<sub>11</sub>H<sub>17</sub>ON** *m*-*isopropoxy*dimethylaniline, 873.  
**C<sub>11</sub>H<sub>17</sub>IAS**  $\beta$ -Phenylethyldimethylarsine methiodide, 2288.  
*m*-Xylyldimethylarsine methiodide, 2288.  
**C<sub>11</sub>H<sub>19</sub>O<sub>5</sub>N<sub>3</sub>**  $\gamma$ -Keto- $\beta$ -hydroxymethyl- $\beta$ -methylbutyl alcohol semicarbazone, 2671.  
**C<sub>11</sub>H<sub>21</sub>O<sub>2</sub>Tl** Diethylthallium dipropionylmethane, 2606.  
Dipropylthallium acetylacetone, 2606.  
**C<sub>11</sub>H<sub>21</sub>O<sub>5</sub>S**  $\kappa$ -Sulphoundecioic acid, and its sodium salt, 597.  
**C<sub>11</sub>H<sub>25</sub>N<sub>2</sub>I** Hexamethylpiperazine methiodide, 1339.  
**C<sub>11</sub>H<sub>26</sub>IAS** Di-*n*-propyl-*n*-butylarsine methiodide, 2289.  
Ethyl-di-*n*-butylarsine methiodide, 2289.

## 11 IV

- C<sub>11</sub>H<sub>8</sub>ONBr** 8-Bromo-1-naphthoamide, 178.  
**C<sub>11</sub>H<sub>9</sub>ON<sub>2</sub>Cl** 8-Chloro-5-acetamidoquinoline, 2107.  
**C<sub>11</sub>H<sub>9</sub>ON<sub>2</sub>Br** 8-Bromo-5-acetamidoquinoline, 2106.  
**C<sub>11</sub>H<sub>9</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>3</sub>** Carbethoxyglyoxal 2:4:5-trichlorophenylhydrazone, 1026.  
**C<sub>11</sub>H<sub>10</sub>ONCl** 4-Chloro-8-methoxyquinaldine (+ H<sub>2</sub>O), 1985.  
**C<sub>11</sub>H<sub>12</sub>O<sub>4</sub>NaS** *p*-Arsinoglutaranilic acid, 279.  
**C<sub>11</sub>H<sub>14</sub>O<sub>6</sub>NaS** *p*-Arsonoglutaranilic acid, 280.  
**C<sub>11</sub>H<sub>16</sub>O<sub>5</sub>N<sub>2</sub>AS** Glutaranilamide-*p*-arsonic acid, ammonium salt, 278.  
**C<sub>11</sub>H<sub>16</sub>ONBr** Dimethylaminomethyl benzyl ketone hydrobromide, 2610.  
**C<sub>11</sub>H<sub>16</sub>O<sub>5</sub>N<sub>3</sub>AS** *p*-Arsonoanilinomalonbismethylamide, 2781.  
**C<sub>12</sub>H<sub>17</sub>O<sub>4</sub>ClS** Methyl  $\alpha$ -chlorocamphor-10-sulphonate, 1741.  
**C<sub>11</sub>H<sub>17</sub>O<sub>4</sub>BrS** Methyl  $\alpha$ -bromocamphor-10-sulphonate, 1742.  
**C<sub>11</sub>H<sub>16</sub>O<sub>5</sub>NS<sub>2</sub>**  $\beta\beta'$ -Dihydroxydiethylsulphine-*p*-toluenesulphonylimine, 971.  
**C<sub>11</sub>H<sub>22</sub>O<sub>7</sub>ASb** Methyltriethylarsonium *d*-tartrate, 1818.

## 11 V

- C<sub>11</sub>H<sub>12</sub>O<sub>3</sub>NaSCl<sub>2</sub>** *p*-Dichloroarsinoglutaranilic acid, 280.  
**C<sub>11</sub>H<sub>12</sub>O<sub>5</sub>NSNa** Sodium 5:6-dimethoxy-1-methylindolyl 2-sulphite, 549.

C<sub>12</sub> Group.

- C<sub>12</sub>H<sub>10</sub>** Diphenyl, synthesis of, 1641.

## 12 II

- C<sub>12</sub>H<sub>9</sub>N** 5-Cyano-1-methylnaphthalene, 2722.  
**C<sub>12</sub>H<sub>9</sub>N<sub>3</sub>** Glyoxalyl-1'-quinolines, 1809.  
**C<sub>12</sub>H<sub>10</sub>O<sub>2</sub>** 6-Methyl-2-naphthoic acid, 1788.  
**C<sub>12</sub>H<sub>10</sub>O<sub>3</sub>** 7-Methoxy-1-naphthoic acid, 2716.  
**C<sub>12</sub>H<sub>11</sub>Br**  $\omega$ -Bromo-1:4-dimethylnaphthalene, 2019.  
**C<sub>12</sub>H<sub>12</sub>O<sub>2</sub>** 2:3-Dimethoxynaphthalene, and its picrate, 1487.  
 Trimethyl-1:4-benzopyrones, 1683.  
**C<sub>12</sub>H<sub>12</sub>O<sub>3</sub>** 7-Methoxy-2:8-dimethyl-1:4-benzopyrone, 1692.  
**C<sub>12</sub>H<sub>12</sub>O<sub>4</sub>** *cis*- $\alpha$ -Benzyl- $\Delta\alpha$ -propene- $\alpha\gamma$ -dicarboxylic acid, 2441.  
*cis*- $\alpha$ -Methyl- $\Delta\beta$ -propene- $\alpha\gamma$ -dicarboxylic acid, 2448.  
**C<sub>12</sub>H<sub>13</sub>N**  $\omega$ -Amino-1:4-dimethylnaphthalene, and its hydrochloride, 2018.  
**C<sub>12</sub>H<sub>13</sub>As**  $\beta$ -Naphthyldimethylarsine, 2289.  
**C<sub>12</sub>H<sub>14</sub>O<sub>3</sub>** 1-Keto-6:7-dimethoxy-1:2:3:4-tetrahydronaphthalene, 1486.  
 2-Methoxy- $\beta$ :4-dimethylcinnamic acid, 1683.  
 2-Methoxy- $\beta$ :5-dimethylcinnamic acid, 1181.  
**C<sub>12</sub>H<sub>14</sub>O<sub>4</sub>** Acetylisorhizonaldehyde, 1677.  
 2-Hydroxy-4-methoxy-3-methylbenzoylacetone, 1692.  
**C<sub>12</sub>H<sub>14</sub>O<sub>5</sub>** Acetylisorhizonic acid, 1677.  
 $\beta$ :3:4-Dimethoxybenzoylpropionic acid, 1486.  
**C<sub>12</sub>H<sub>14</sub>O<sub>7</sub>** Derric acid, 1387.  
**C<sub>12</sub>H<sub>16</sub>O<sub>2</sub>** Ethyl 2:5-dimethylphenylacetate, 2525.  
**C<sub>12</sub>H<sub>16</sub>O<sub>4</sub>**  $\gamma$ :3:4-Dimethoxyphenylbutyric acid, 1486.  
 Ethyl 1-*O*-ethylorsellinate, 1392.  
 Ethyl *isorhizonate*, 1678.  
 $\alpha$ -Hydroxy-2-carboxyhexahydrohydriene-2-acetolactones, 1223.  
 Methylcyclohexanespiro-2'-methoxycyclopropane-2':3'-dicarboxylic anhydrides, 1059, 1063.  
**C<sub>12</sub>H<sub>16</sub>O<sub>8</sub>** Methyl *cyclobutane*-1:2:3:4-tetracarboxylate, 1429.

- C<sub>12</sub>H<sub>16</sub>O<sub>9</sub>** 2:3-Diacetyl methylglucofuranoside 5:6-monocarbonate, 2256.  
**C<sub>12</sub>H<sub>17</sub>N** Aminophenylcyclohexanes, and their salts, 2649.  
*cyclo*Hexylaniline, and its hydrochloride, 2651.  
**C<sub>12</sub>H<sub>18</sub>O<sub>2</sub>** *trans*-Decahydronaphthylidene-2-acetic acids, 2129.  
 $\alpha$ -Methyl-*trans*-hexahydrohydrindylidene-2-acetic acid, 2162.  
 $\alpha$ -Methyl-*trans*-hexahydroindenyl-2-acetic acid, 2163.  
*cyclo*Pentanespiro-4:4-dimethylcyclohexane-3:5-dione, 1086.  
**C<sub>12</sub>H<sub>18</sub>O<sub>5</sub>**  $\alpha$ -Hydroxy-2-carboxyhexahydrohydrindene-2-acetic acids, 1223.  
Methylcyclohexanespiro-2'-methoxycyclopropane-2':3'-dicarboxylic acids, 1059, 1063.  
Methyl  $\alpha$ -keto-3-methylcyclopentane-1:1-diacetate, 1074.  
**C<sub>12</sub>H<sub>18</sub>O<sub>6</sub>** Methyl  $\alpha\alpha'$ -diacetyladipeate, 2959.  
**C<sub>12</sub>H<sub>19</sub>N** Dimethylamino- $\alpha$ -phenylbutanes, salts of, 1940.  
**C<sub>12</sub>H<sub>19</sub>As** Phenyl-di-*n*-propylarsine, 2289.  
**C<sub>12</sub>H<sub>20</sub>O<sub>2</sub>** 1:1-Dimethyl-4-butylcyclohexane-3:5-dione, 1084.  
**C<sub>12</sub>H<sub>20</sub>O<sub>3</sub>** 1-*iso*Butyrylmethylcyclopentane-1-acetic acid, 1087.  
Ethyl 1-acetyl-3-methylcyclopentane-1-acetate, 1078.  
Ethyl 4-*isopropyl*cyclohexan-1-one-2-carboxylate, 2799.  
2-Hydroxy-*trans*-decalin-2-acetic acids, 2129.  
2-Hydroxy- $\alpha$ -methyl-*trans*-hexahydrohydrindene-2-acetic acid, 2161.  
1-Propionylmethylcyclohexane-1-acetic acid, 1087.  
**C<sub>12</sub>H<sub>20</sub>O<sub>4</sub>** Ethyl hydrogen 3-methylcyclopentane-1:1-diacetate, 1070.  
Methyl 3-methylcyclopentane-1:1-diacetate, 1077.  
**C<sub>12</sub>H<sub>20</sub>O<sub>5</sub>** Ethyl  $\beta$ -ethoxy- $\Delta\alpha$ -butene- $\alpha\delta$ -dicarboxylate, 2566.  
Ethyl 3-ethoxy-3-methylcyclopropane-1:2-dicarboxylate, 2564.  
**C<sub>12</sub>H<sub>20</sub>N<sub>2</sub>** Tetramethyl-*m*-xylylenediamine, picrate of, 67.  
**C<sub>12</sub>H<sub>22</sub>O<sub>3</sub>** Ethyl  $\gamma$ -butyryl- $\beta\beta$ -dimethylbutyrates, 1082, 1083.  
**C<sub>12</sub>H<sub>22</sub>O<sub>7</sub>** 2:3:5:6:7-Pentamethyl  $\alpha$ -glucoheptono- $\gamma$ -lactone, 2483.  
**C<sub>12</sub>H<sub>24</sub>O<sub>6</sub>** 2:3:5:6-Tetramethyl  $\beta$ -ethylglucofuranoside, 2257.  
**C<sub>12</sub>H<sub>27</sub>As** Ethyl-di-*n*-amylarsine, 2289.  
**C<sub>12</sub>H<sub>27</sub>Sb** Ethyl-di-*n*-amylstibine, 1815.

## 12 III

- C<sub>12</sub>H<sub>9</sub>NCl<sub>4</sub>** 3:5:3':5'-Tetrachlorodiphenylamine, 1773.  
**C<sub>12</sub>H<sub>9</sub>O<sub>3</sub>N<sub>2</sub>** 6-Nitro-2-aminodiphenylene oxide, 2367.  
**C<sub>12</sub>H<sub>9</sub>ON** 3-Aminodiphenylene oxide, 2367.  
**C<sub>12</sub>H<sub>9</sub>OI** 2-Iododiphenyl ether, 282.  
3-Iododiphenyl ether, 2859.  
**C<sub>12</sub>H<sub>9</sub>O<sub>2</sub>Br** Methyl 8-bromo-1-naphthoate, 178.  
**C<sub>12</sub>H<sub>9</sub>O<sub>3</sub>Br** 8-Bromo-7-methoxy-1-naphthoic acid, 2716.  
**C<sub>12</sub>H<sub>9</sub>O<sub>5</sub>N** 3-Nitro-7-methoxy-1-naphthoic acid, 2717.  
**C<sub>12</sub>H<sub>9</sub>O<sub>7</sub>N<sub>3</sub>** Ethyl 6:8-dinitrocarbostyryl-3-carboxylate, 782.  
**C<sub>12</sub>H<sub>9</sub>NCl<sub>2</sub>** 3:5-Dichlorodiphenylamine, 1773.  
2:2'-Dichlorodiphenylamine, 1777.  
**C<sub>12</sub>H<sub>9</sub>N<sub>3</sub>S** 2'-Thioglyoxalanyl-1'-quinolines, 1809.  
**C<sub>12</sub>H<sub>10</sub>ON<sub>2</sub>** 2:6-Diaminodiphenylene oxide, 2366.  
**C<sub>12</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>** Dinitro-1:4-dimethylnaphthalene, 2019.  
**C<sub>12</sub>H<sub>10</sub>O<sub>6</sub>N<sub>4</sub>** 6-Nitro-2-hydroxy-4-ethoxyquinoline-3-carboxylic acid, 784.  
**C<sub>12</sub>H<sub>10</sub>O<sub>7</sub>N<sub>4</sub>** 6:8-Dinitro-2-hydroxyquinolyl-3-urethane, 783.  
**C<sub>12</sub>H<sub>11</sub>ON**  $\omega$ -Nitro-1:4-dimethylnaphthalene, 2017.  
**C<sub>12</sub>H<sub>11</sub>O<sub>4</sub>P** Diphenoxyphosphoric acid, creatinine salt of, 2054.

- C<sub>12</sub>H<sub>13</sub>O<sub>3</sub>N** 4-Hydroxy-8-ethoxyquinaldine (+ 2H<sub>2</sub>O), and its salts, 1985.  
**C<sub>12</sub>H<sub>13</sub>O<sub>3</sub>N** Phthalo- $\gamma$ -hydroxybutylimide, 308.  
**C<sub>12</sub>H<sub>13</sub>O<sub>4</sub>Cl** *O*-Acetylrhizonoyl chloride, 1679.  
**C<sub>12</sub>H<sub>13</sub>O<sub>5</sub>N**  $\gamma$ -Keto- $\beta$ -methylbutyl *p*-nitrobenzoate, 2671.  
**C<sub>12</sub>H<sub>13</sub>O<sub>5</sub>P** *p*-Phenoxyphenylphosphonic acid monohydrate, 2881.  
**C<sub>12</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** *N*-Methylcycitisamides, 2780.  
**C<sub>12</sub>H<sub>14</sub>O<sub>4</sub>N<sub>4</sub>** 1-(2':4'-Dinitrophenyl)-4-methyl-3-ethyl-4:5-dihdropyrazole, 2672.  
**C<sub>12</sub>H<sub>15</sub>ON** 5-Ethoxy-3:3-dimethylindolenine, and its salts, 303.  
**C<sub>12</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** 5-Keto-2-methoxy-5:6:7:8-tetrahydronaphthalene semicarbazone, 2314.  
**C<sub>12</sub>H<sub>15</sub>O<sub>3</sub>N** 1-Keto-6:7-dimethoxy-1:2:3:4-tetrahydronaphthalene oxime, 1487.  
**C<sub>12</sub>H<sub>15</sub>O<sub>4</sub>N**  $\beta$ -Aminoethyl ethyl phthalate and its salts, 316.  
**C<sub>12</sub>H<sub>15</sub>O<sub>4</sub>N<sub>3</sub>**  $\beta$ -*m*-Methoxybenzoylpropionic acid semicarbazone, 2314.  
**C<sub>12</sub>H<sub>15</sub>O<sub>4</sub>Br**  $\gamma$ -2-Bromo-4:5-dimethoxyphenylbutyric acid, 1486.  
**C<sub>12</sub>H<sub>16</sub>O<sub>3</sub>S<sub>2</sub>** *p*-Tolylsulphonylethylthioacetone, 1823.  
**C<sub>12</sub>H<sub>16</sub>Cl<sub>2</sub>Si** *cyclo*Hexylphenylsilicon dichloride, 2207.  
**C<sub>12</sub>H<sub>17</sub>ON**  $\alpha$ -Dimethylaminoisobutyrophenone, picrate of, 1937.  
**C<sub>12</sub>H<sub>17</sub>O<sub>2</sub>N**  $\alpha$ -2-Carbethoxy-*d*<sup>1</sup>-*cyclo*hexenylpropionitrile, 2432.  
**C<sub>12</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 2-Methoxy-6-methylpropiophenone semicarbazone, 1684.  
 $\gamma$ -Phenoxypropyl methyl ketone semicarbazone, 319.  
**C<sub>12</sub>H<sub>17</sub>O<sub>4</sub>Br**  $\alpha$ -Bromo-2-carboxy-*trans*-hexahydrohydrindene-2-acetic acid, 1223.  
 Ethyl hydrogen  $\alpha$ -bromo- $\alpha'$ -hydroxy-3-methyl*cyclopentane*-1:1-diacetolactone, 1073.  
**C<sub>12</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** *d*- and *l*-Miotines, and their hydrochlorides, 2519.  
**C<sub>12</sub>H<sub>18</sub>O<sub>2</sub>Si** *cyclo*Hexylphenylsilicanediol, 2207.  
**C<sub>12</sub>H<sub>18</sub>O<sub>4</sub>Br<sub>2</sub>** Ethyl hydrogen  $\alpha\alpha'$ -dibromo-3-methyl*cyclopentane*-1:1-diacetate, 1073.  
**C<sub>12</sub>H<sub>18</sub>NBr** Benzyl dimethylallylammonium bromide, 1938.  
**C<sub>12</sub>H<sub>19</sub>ON** *trans*-Decahydronaphthylidene-2-acetamides, 2129.  
 $\alpha$ -Methyl-*trans*-hexahydrohydrindylidene-2-acetamide, 2162.  
**C<sub>12</sub>H<sub>20</sub>O<sub>2</sub>N<sub>6</sub>** 3-Methyl*cyclopentane*spiro*cyclopentane*-3':4'-dione semicarbazone, 1078.  
**C<sub>12</sub>H<sub>21</sub>O<sub>3</sub>N<sub>3</sub>** *trans-cyclo*Hexane-2-acetone-1-acetic acid semicarbazone, 2131.  
**C<sub>12</sub>H<sub>21</sub>O<sub>4</sub>N** Ethyl 2-carbethoxypiperidinoacetate, 2973.  
**C<sub>12</sub>H<sub>24</sub>O<sub>2</sub>Si** *Dicyclo*hexylsilicanediol, 2208.  
**C<sub>12</sub>H<sub>26</sub>O<sub>4</sub>Se** Selenobisdiethylacetal, 2486.  
**C<sub>12</sub>H<sub>27</sub>OAs** Ethyl di-*n*-amylarsine oxide, 2289.  
**C<sub>12</sub>H<sub>27</sub>OSb** *Triisobutyl*stibine oxide, 1816.  
**C<sub>12</sub>H<sub>27</sub>N<sub>2</sub>I**  $\alpha$ -Hexamethylpiperazine ethiodide, 1342.  
**C<sub>12</sub>H<sub>27</sub>Cl<sub>2</sub>Sb** *Triisobutyl*stibine dichloride, 1816.  
**C<sub>12</sub>H<sub>27</sub>Br<sub>2</sub>Sb** *Triisobutyl*stibine dibromide, 1816.  
**C<sub>12</sub>H<sub>27</sub>I<sub>2</sub>Sb** *Triisobutyl*stibine di-iodide, 1816.  
**C<sub>12</sub>H<sub>28</sub>N<sub>2</sub>I<sub>2</sub>**  $\alpha$ -Hexamethylpiperazine dimethiodide, 1342.  
**C<sub>12</sub>H<sub>28</sub>IAs** Dimethyldi-*n*-amylarsonium iodide, 2285.  
 Di-*n*-propyl-*n*-butylarsine ethiodide, 2289.

12 IV

- C<sub>12</sub>H<sub>5</sub>O<sub>6</sub>N<sub>3</sub>Cl<sub>2</sub>** 4:4'-Dichloro-2:3':5'-trinitrodiphenyl, 296.  
**C<sub>12</sub>H<sub>6</sub>O<sub>4</sub>N<sub>2</sub>F<sub>2</sub>** 4:4'-Difluoro-2:2'-dinitrodiphenyl, 511.  
**C<sub>12</sub>H<sub>6</sub>OCl<sub>2</sub>I** 3-Iododiphenyl ether iododichloride, 2859  
**C<sub>12</sub>H<sub>6</sub>ONBr<sub>2</sub>** 1:3-Dibromoaceto-2-naphthalide, 2734.



- C<sub>12</sub>H<sub>9</sub>OCl<sub>2</sub>P** *p*-Phenoxyphenyldichlorophosphine, 2881.  
**C<sub>12</sub>H<sub>9</sub>O<sub>3</sub>N<sub>4</sub>Cl** 2-Chlorobenzoquinone-4-oxime-1-*p*-nitrophenylhydrazone, 868.  
**C<sub>12</sub>H<sub>9</sub>O<sub>4</sub>NS** 2-Nitrodiphenylsulphone, 1490.  
**C<sub>12</sub>H<sub>9</sub>O<sub>5</sub>NS** 2-Nitro-4'-hydroxydiphenylsulphone, 1490.  
**C<sub>12</sub>H<sub>10</sub>O<sub>4</sub>BrP** *p*-Bromo-*p*'-phosphonodiphenyl ether, 2881.  
**C<sub>12</sub>H<sub>12</sub>O<sub>4</sub>NCl** 4-Chloro-8-ethoxyquinaldine (+ H<sub>2</sub>O), 1985.  
**C<sub>12</sub>H<sub>12</sub>O<sub>2</sub>NBr** Phthalo- $\gamma$ -bromobutylimide, 308.  
**C<sub>12</sub>H<sub>14</sub>ONBr** 1:3-Dimethyl-3- $\beta$ -bromoethyl-2-indolinone, 320.  
**C<sub>12</sub>H<sub>14</sub>O<sub>2</sub>NBr** 5-Hydroxy-1:3-dimethyl-3- $\beta$ -bromoethyl-2-indolinone, 332.  
**C<sub>12</sub>H<sub>16</sub>O<sub>6</sub>NAs** Methyl *p*-arsonoglutaranilate, and its sodium salt, 277.  
**C<sub>12</sub>H<sub>17</sub>O<sub>5</sub>N<sub>2</sub>As** Glutaranilomethylamide-*p*-arsonic acid, and its sodium salt, 278.  
**C<sub>12</sub>H<sub>18</sub>N<sub>4</sub>Cl<sub>2</sub>Pd** Dipyrindinoethylenediaminopalladous chloride, 1907.  
**C<sub>12</sub>H<sub>19</sub>O<sub>4</sub>ClS** Ethyl  $\alpha$ -chlorocamphor-10-sulphonate, 1741.  
**C<sub>12</sub>H<sub>19</sub>O<sub>4</sub>BrS** Ethyl  $\alpha$ -bromocamphor-10-sulphonate, 1742.  
**C<sub>12</sub>H<sub>22</sub>O<sub>2</sub>NI** Methyl lupinate  $\alpha$ - and  $\beta$ -methiodides, 2967.  
**C<sub>12</sub>H<sub>24</sub>O<sub>7</sub>Psb** Tetraethylphosphonium antimonyl *d*-tartrate, 1818.  
**C<sub>12</sub>H<sub>24</sub>O<sub>7</sub>AsSb** Dimethyl-di-*n*-propylarsonium antimonyl *d*-tartrate, 1818.  
 Tetraethyl arsonium antimonyl *d*-tartrate, 1818.

## 12 V

- C<sub>12</sub>H<sub>8</sub>O<sub>5</sub>NCIS** Phenyl 2-chloro-5-nitrobenzenesulphonate, 2024.  
**C<sub>12</sub>H<sub>8</sub>O<sub>5</sub>NIS** Phenyl 2-iodo-5-nitrobenzenesulphonate, 2025.  
**C<sub>12</sub>H<sub>10</sub>O<sub>3</sub>NCIS** Phenyl 2-chloro-5-aminobenzenesulphonate, 2024.  
**C<sub>12</sub>H<sub>14</sub>O<sub>4</sub>NS<sub>2</sub>As** Dicarboxymethyl 4-acetamido-3-hydroxyphenylthioarsinite, 1369.  
**C<sub>12</sub>H<sub>18</sub>O<sub>5</sub>N<sub>2</sub>S<sub>2</sub>As** Di( $\beta$ -amino- $\beta$ -carboxyethyl)3-amino-4-hydroxyphenylthioarsinite, 2510.  
**C<sub>12</sub>H<sub>30</sub>O<sub>6</sub>N<sub>2</sub>Cl<sub>2</sub>Ni** Ditriss-( $\beta$ -hydroxyethyl)aminonickel chloride, 2862.

C<sub>13</sub> Group.

- C<sub>13</sub>H<sub>14</sub>** 1-*iso*Propylnaphthalene, and its picrate, 466.

## 13 II

- C<sub>13</sub>H<sub>10</sub>O<sub>2</sub>** Phenyl benzoate, saponification of, in aqueous ethyl alcohol, 2643.  
**C<sub>13</sub>H<sub>10</sub>N<sub>2</sub>** 9-Aminophenanthridine, 2229.  
**C<sub>13</sub>H<sub>10</sub>Cl<sub>2</sub>** 3:5-Dichloro-4-methyldiphenyl, 1470.  
**C<sub>13</sub>H<sub>11</sub>Cl<sub>3</sub>** 2:3:5-Trichloro-1-phenyl-4-methyl- $\Delta^{3:5}$ -cyclohexadiene, 1471.  
**C<sub>13</sub>H<sub>12</sub>O** 2-Hydroxy-5-methyldiphenyl, 1834.  
 5-Methyl-1-naphthyl methyl ketone, 2722.  
**C<sub>13</sub>H<sub>12</sub>O<sub>2</sub>** 6:7-Dimethyl-2-naphthoic acid, 2251.  
 Methyl 6-methyl-2-naphthoate, 1788.  
**C<sub>13</sub>H<sub>12</sub>O<sub>3</sub>** 8-Ethoxy-1-naphthoic acid, 2732.  
**C<sub>13</sub>H<sub>12</sub>N<sub>2</sub>** 2:6-Dimethylperimidine, 2313.  
**C<sub>13</sub>H<sub>12</sub>Cl<sub>2</sub>** 3:5-Dichloro-1-phenyl-4-methyl- $\Delta^{2:4}$ -cyclohexadiene, 1470.  
**C<sub>13</sub>H<sub>14</sub>O<sub>2</sub>** 6:7-Dimethoxy-1-methylnaphthalene, and its picrate, 1487.  
 2:5-Dimethyl-3-ethyl-1:4-benzopyrone, 1686.  
 4:6-Dimethyl-3-ethylcoumarin, 1182.  
**C<sub>13</sub>H<sub>14</sub>O<sub>4</sub>** *trans*- $\alpha$ -Benzyl- $\beta$ -methyl- $\Delta\alpha$ -propene- $\alpha\gamma$ -dicarboxylic acid, 2438.  
*trans*- $\alpha$ -Benzyl- $\gamma$ -methyl- $\Delta\beta$ -propene- $\alpha\gamma$ -dicarboxylic acid, 2443.  
 $\alpha$ -Phenyl- $\gamma$ -methyl- $\Delta\alpha$ -butene- $\beta\beta$ -dicarboxylic acid, 9.  
**C<sub>13</sub>H<sub>14</sub>O<sub>8</sub>** 2:4-Dicarbethoxyphloroglucinaldehyde, 2301.

- C<sub>13</sub>H<sub>16</sub>O<sub>3</sub>** 2-Methoxy- $\alpha$ : $\beta$ :4-trimethylcinnamic acid, 1685.  
 6-Phenyl-3-hydroxymethyl-3-methyltetrahydro- $\gamma$ -pyrone, 2671.  
 $\gamma$ -Propionyl- $\beta$ -phenylglutaric acid, 1084.  
**C<sub>13</sub>H<sub>16</sub>O<sub>6</sub>** Ethyl 2-aldehydo-4:5-dimethoxyphenoxyacetate, 1386.  
**C<sub>13</sub>H<sub>16</sub>O<sub>7</sub>** Rissic acid, 1386.  
**C<sub>13</sub>H<sub>15</sub>N** 4-Amino-3-cyclohexyltoluene, and its hydrochloride, 2651.  
*cyclo*Hexyl-*p*-toluidine, and its hydrochloride, 2652.  
**C<sub>13</sub>H<sub>20</sub>O** *trans*-Decahydronaphthylidene-2-acetone, 2136.  
 $\alpha$ -Methyl-*trans*-hexahydrohydrindylidene-2-acetone, 2163.  
 $\Delta^2$ -*trans*-Octahydronaphthyl-2-acetone, 2136.  
**C<sub>13</sub>H<sub>20</sub>O<sub>2</sub>** *trans*-Decahydronaphthylidene-2- $\alpha$ -propionic acid, 2143.  
 Ethyl *trans*-hexahydrohydrindylidene-2-acetate, 2155.  
*cyclo*Hexanespiro-4:4-dimethylcyclohexane-3:5-dione, 1088.  
 Methyl  $\alpha$ -methyl-*trans*-hexahydrohydrindylidene-2-acetate, 2162.  
 $\Delta^2$ -Octahydronaphthalene-2- $\alpha$ -propionic acid, 2142.  
**C<sub>13</sub>H<sub>20</sub>O<sub>4</sub>** Ethyl 2-carbethoxy- $\Delta^1$ -cyclopentenylpropionate, 2431.  
 Ethyl 2-carboxy- $\Delta^1$ -cyclohexenylacetate, 2433.  
**C<sub>13</sub>H<sub>20</sub>O<sub>5</sub>** Methyl  $\alpha$ -ketomethylcyclohexane-1:1-diacetates, 1058, 1062.  
**C<sub>13</sub>H<sub>22</sub>O<sub>3</sub>** 1-*iso*Butyrylmethylcyclohexane-1-acetic acid, 1088.  
 4:9-Dimethyl-2-decalol-6-carboxylic acid, 2753.  
 Ethyl 1-propionylmethylcyclopentane-1-acetate, 1087.  
 2-Hydroxy-*trans*-decalin-2- $\alpha$ -propionic acids, 2142.  
**C<sub>13</sub>H<sub>22</sub>O<sub>4</sub>** Ethyl hydrogen 4-methylcyclohexane-1:1-diacetate, 1055.  
**C<sub>13</sub>H<sub>22</sub>O<sub>6</sub>** Ethyl  $\alpha$ -carbethoxy- $\gamma$ -methylglutarate, 1038.  
**C<sub>13</sub>H<sub>22</sub>O<sub>7</sub>** Ethyl  $\alpha$ -methylcitrate, 1091.  
**C<sub>13</sub>H<sub>25</sub>As** Dicyclohexylmethylarsine, 2286.  
**C<sub>13</sub>H<sub>26</sub>O<sub>2</sub>** Malonbisamylamides, 2781.  
**C<sub>13</sub>H<sub>25</sub>As** Methyl-di-*n*-hexylarsine, 2285.

## 13 III

- C<sub>13</sub>H<sub>7</sub>O<sub>5</sub>N** 7-Nitro-3-methoxyacenaphthenquinone, 2717.  
**C<sub>13</sub>H<sub>7</sub>O<sub>6</sub>N** 6-Nitro-2-methoxynaphthalic anhydride, 2717.  
**C<sub>13</sub>H<sub>9</sub>O<sub>3</sub>I<sub>2</sub>** *m*-Iodophenyl phenyl carbonate, 2859.  
**C<sub>13</sub>H<sub>8</sub>O<sub>6</sub>N<sub>2</sub>** Dinitrophenoxybenzaldehydes, 955.  
**C<sub>13</sub>H<sub>8</sub>O<sub>7</sub>N<sub>4</sub>** Benzo-2:4:6-trinitroanilide, 2364.  
**C<sub>13</sub>H<sub>8</sub>NCl<sub>3</sub>** Benzo-3:5-dichloroanilide iminochloride, 1773.  
**C<sub>13</sub>H<sub>9</sub>O<sub>3</sub>I** *m*-Iodophenyl benzoate, 2858.  
**C<sub>13</sub>H<sub>9</sub>O<sub>4</sub>N** Nitrodiphenylcarboxylic acids, 1891.  
**C<sub>13</sub>H<sub>9</sub>O<sub>5</sub>As** 7-Hydroxyfluorenone-2-arsonic acid, and its sodium salt, 1640.  
**C<sub>13</sub>H<sub>9</sub>NCl<sub>2</sub>** *o*-Chlorobenzanilide imidochloride, 652.  
**C<sub>13</sub>H<sub>10</sub>O<sub>4</sub>N<sub>2</sub>** Dinitro-4-methyldiphenyl, 1891.  
 4:4'-Dinitro-3-methyldiphenyl, 2247.  
**C<sub>13</sub>H<sub>11</sub>ON<sub>3</sub>** 8-(Glyoxalanyl-1')-6-methoxyquinoline, 1810.  
**C<sub>13</sub>H<sub>11</sub>OI** *m*-Iodophenyl benzyl ether, 2858.  
**C<sub>13</sub>H<sub>11</sub>O<sub>4</sub>N** 4-Nitrocatechol 2-benzyl ether, 2879.  
**C<sub>13</sub>H<sub>11</sub>O<sub>4</sub>N<sub>3</sub>** 2:4-Dinitrophenylbenzylamine, 2364.  
**C<sub>13</sub>H<sub>11</sub>NCl<sub>2</sub>** 3:5-Dichloro-4'-amino-4-methyldiphenyl, 1471.  
**C<sub>13</sub>H<sub>11</sub>N<sub>2</sub>Cl** 7-Chloro-2:6-dimethylperimidine, 2313.  
**C<sub>13</sub>H<sub>12</sub>ON<sub>2</sub>** *o*-Xenylcarbamide, 2230.  
**C<sub>13</sub>H<sub>12</sub>O<sub>4</sub>N<sub>4</sub>** 2':4'-Dinitro-2-aminomethyldiphenylamines, 2359.  
**C<sub>13</sub>H<sub>13</sub>ON<sub>3</sub>** 1-Methyl-4-naphthaldehyde semicarbazone, 2016.

- C<sub>13</sub>H<sub>13</sub>OCl** 5-Chloro-1-phenyl-4-methyl- $\Delta^4$ -cyclohexen-3-one, 1470.  
**C<sub>13</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>** Benzylideneacetylcreatinine, and its potassium salt, 2052.  
**C<sub>13</sub>H<sub>13</sub>O<sub>4</sub>N** 5:6-Diacetamido-1-methylindole, 548.  
     *γ*-Phthalimido- $\alpha$ -methylbutyric acid, 317.  
**C<sub>13</sub>H<sub>15</sub>O<sub>2</sub>N** Ethyl 3:3-dimethylindolenine-2-carboxylate, 300.  
**C<sub>13</sub>H<sub>15</sub>O<sub>3</sub>N** 5-Ethoxy-3:3-dimethylindolenine-2-carboxylic acid, 302.  
**C<sub>13</sub>H<sub>15</sub>O<sub>5</sub>N**  $\gamma$ -Keto- $\beta$ -methyl-*n*-amyl *p*-nitrobenzoate, 2672.  
**C<sub>13</sub>H<sub>16</sub>IAs**  $\beta$ -Naphthylidimethylarsine methiodide, 2289.  
**C<sub>13</sub>H<sub>17</sub>O<sub>3</sub>N<sub>3</sub>** Ethyl benzoylpropionate semicarbazone, 2448.  
     Ethyl formylbenzylacetate semicarbazone, 2441.  
**C<sub>13</sub>H<sub>17</sub>O<sub>3</sub>Tl** Ethyl (dimethylthalli)benzoylacetate, 2738.  
**C<sub>13</sub>H<sub>17</sub>O<sub>4</sub>N** Ethyl 2-carbethoxy- $\Delta^1$ -cyclopentenylcyanoacetate, 2429.  
**C<sub>13</sub>H<sub>17</sub>O<sub>4</sub>N<sub>3</sub>** 9-Methyl- $\Delta^2$ -decalene-4:6-dione-2-carboxylic acid semicarbazone, 2755.  
**C<sub>13</sub>H<sub>18</sub>ON<sub>2</sub>** *dl*-Noresermethole, and its salts, 1437.  
**C<sub>13</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl 1-cyanocyclohexane-1- $\alpha$ -cyanopropionate, 1224.  
     5-Methoxy-1:3-dimethyl-3- $\beta$ -aminoethyl-2-indolinone, and its salts, 1436.  
**C<sub>13</sub>H<sub>18</sub>O<sub>3</sub>N<sub>2</sub>**  $\alpha$ -Keto- $\beta$ -methylbutyric acid *p*-ethoxyphenylhydrazine, 302.  
**C<sub>13</sub>H<sub>19</sub>O<sub>4</sub>N<sub>2</sub>** Methylcyclohexane-1:1-dicarbamylacetimides, 1054, 1060.  
**C<sub>13</sub>H<sub>19</sub>O<sub>5</sub>N** Ethyl 2-carboxy- $\Delta^1$ -cyclopentenylmalonamate, 2430.  
**C<sub>13</sub>H<sub>20</sub>ON<sub>2</sub>** 5-Methoxy-1:3-dimethyl-3- $\beta$ -aminoethylindoline, and its salts, 1436.  
**C<sub>13</sub>H<sub>21</sub>ON**  $\Delta^2$ -Octahydronaphthalene-2- $\alpha$ -propionamides, 2142.  
**C<sub>13</sub>H<sub>23</sub>O<sub>3</sub>N<sub>3</sub>** Ethyl 1-acetyl-3-methylcyclopentane-1-acetate semicarbazone, 1078.  
     *trans*-cycloHexane-1-acetic acid 2-methyl ethyl ketone semicarbazone, 2145.  
**C<sub>13</sub>H<sub>23</sub>O<sub>4</sub>N** Ethyl  $\alpha$ -2-carbethoxypiperidinopropionate, 2973.  
     Ethyl *p*-2-carbethoxypiperidinopropionate, 2971.  
**C<sub>13</sub>H<sub>25</sub>O<sub>2</sub>Tl** Dibutylthallium acetylacetone, 2606.  
     Dipropylthallium dipropionylmethane, 2606.  
**C<sub>13</sub>H<sub>31</sub>OSb** Methyltri*isobutyl*stibonium hydroxide, salts of, 1816.

## 13 IV

- C<sub>13</sub>H<sub>7</sub>O<sub>3</sub>N<sub>2</sub>Cl** 1-Chloro-4-nitroacridone, 2773.  
**C<sub>13</sub>H<sub>7</sub>O<sub>3</sub>N<sub>2</sub>Br** 1-Bromo-4-nitroacridone, 2773.  
**C<sub>13</sub>H<sub>8</sub>OCl<sub>3</sub>I** 2:4:6-Trichloro-3-iodophenyl benzyl ether, 2860.  
**C<sub>13</sub>H<sub>8</sub>O<sub>3</sub>Cl<sub>4</sub>I<sub>2</sub>** *m*-Iodophenyl phenyl carbonate bisiododichloride, 2859.  
**C<sub>13</sub>H<sub>9</sub>ONCl<sub>2</sub>** Benzo-3:5-dichloroanilide, 1773.  
**C<sub>13</sub>H<sub>9</sub>OCl<sub>2</sub>I** 4:6-Dichloro-3-iodophenyl benzyl ether, 2860.  
**C<sub>13</sub>H<sub>9</sub>O<sub>2</sub>NCl<sub>2</sub>** 3:5-Dichloro-4'-nitro-4-methyldiphenyl, 1471.  
**C<sub>13</sub>H<sub>9</sub>O<sub>2</sub>N<sub>2</sub>Cl** *p*-Nitrobenzanilide imidochloride, 651.  
**C<sub>13</sub>H<sub>9</sub>O<sub>2</sub>Cl<sub>2</sub>I** *m*-Iodophenyl benzoate iododichloride, 2858.  
**C<sub>13</sub>H<sub>9</sub>O<sub>4</sub>N<sub>2</sub>Cl** 2-Chloro-5-nitrodiphenylamine-6'-carboxylic acid, 2773.  
**C<sub>13</sub>H<sub>9</sub>O<sub>4</sub>N<sub>2</sub>Br** 2-Bromo-5-nitrodiphenylamine-6'-carboxylic acid, 2773.  
**C<sub>13</sub>H<sub>9</sub>O<sub>6</sub>N<sub>4</sub>Br** 2'-Bromo-2:4:6-trinitro-4'-methyldiphenylamine. 2364.  
**C<sub>13</sub>H<sub>9</sub>NClBr** *p*-Bromobenzanilide imidochloride, 652.  
**C<sub>13</sub>H<sub>10</sub>OClI** 6-Chloro-3-iodophenyl benzyl ether, 2860.  
**C<sub>13</sub>H<sub>10</sub>O<sub>2</sub>NI** *m*-Iodophenyl phenylcarbamate, 2859.  
**C<sub>13</sub>H<sub>11</sub>ON<sub>3</sub>S** 8-(Thioglyoxaliny-1'-)-6-methoxyquinoline, 1810.  
**C<sub>13</sub>H<sub>11</sub>O<sub>3</sub>NS** 4-Nitrophenyl 4-hydroxy-*m*-tolyl sulphide, 1491.  
**C<sub>13</sub>H<sub>11</sub>O<sub>3</sub>N<sub>3</sub>Br** *m*-Nitrophenacylpyridinium bromide, 1155.  
**C<sub>13</sub>H<sub>11</sub>O<sub>3</sub>IS** *m*-Iodophenyl *p*-toluenesulphonate, 2858.

- $C_{13}H_{11}O_5NS$  4-*p*-Nitrophenoxytoluene-3-sulphinic acid, 1491.  
 4-Nitrophenyl-4'-hydroxy-*m*-tolylsulphone, 1491.  
 $C_{13}H_{12}ONBr$  Phenacylpyridinium bromide, 1155.  
 $C_{13}H_{12}O_4N_2S$  *o*-Nitrobenzenesulpho-*p*-toluidide, 2775.  
 $C_{13}H_{14}ONBr$  *p*-Methoxybenzylpyridinium bromide, 2635.  
 $C_{13}H_{16}O_2NBr$  5-Methoxy-1:3-dimethyl-3- $\beta$ -bromoethyl-2-indolinone, 333.  
 $C_{13}H_{16}O_4NAS$  Ethyl *p*-arsinoglutaranilate, 279.  
 $C_{13}H_{18}O_6NAS$  Ethyl *p*-arsonoglutaranilate, and its sodium salt, 277.  
 $C_{13}H_{18}O_7NAS$  Ethyl *p*-arsonoanilinomalonate, 2782.  
 $C_{13}H_{19}O_5N_2AS$  Glutaranildimethylamide-*p*-arsonic acid, and its sodium salt, 278.  
 Glutaraniloethylamide-*p*-arsonic acid, and its sodium salt, 278.  
 $C_{13}H_{20}O_5N_3AS$  *p*-Arsonoanilinomalonbisethylamide, 2781.  
 $C_{13}H_{22}O_2N_2Br$  Bromomalonbisamylamide, 2782.

## 13 V

- $C_{13}H_9O_2NCl_2I$  *m*-Iodophenyl phenylcarbamate iododichloride, 2859.  
 $C_{13}H_9O_6N_4FS$  Benzaldehyde-*o*-sulphonyl fluoride 2:4-dinitrophenylhydrazone, 2046.  
 $C_{13}H_{11}O_3Cl_2IS$  *m*-Iodophenyl *p*-toluenesulphonate iododichloride, 2858.

 $C_{14}$  Group.

- $C_{14}H_{18}$  Octahydrophenanthrene, 2523.

## 14 II

- $C_{14}H_{12}O_3$  2:4-Dihydroxy-3-methylbenzophenone, 1693.  
 $C_{14}H_{12}O_4$  Methyl naphthalene-2:6-dicarboxylate, 1788.  
 $C_{14}H_{12}N_2$  3-Amino-9-methylphenanthridine, 2228.  
 $C_{14}H_{14}O$  6-Methyl-2-naphthyl ethyl ketone, 2249.  
 $C_{14}H_{14}O_2$  Methyl 6:7-dimethyl-2-naphthoate, 2251.  
 $C_{14}H_{14}O_3$  8-Propoxy-1-naphthoic acid, 2732.  
 $C_{14}H_{15}N$  Aminodimethyldiphenyls, 2393.  
 Benzylmethylaniline, picrate of, 1938.  
 $C_{14}H_{16}O_2$  Pyroguaicin methyl ether, and its picrate, 1488.  
 $C_{14}H_{16}O_5$  Bishydroxymethyltetrahydro- $\gamma$ -pyrone benzoate, 2670.  
 $C_{14}H_{17}N_3$  5-Amino-8-piperidinoquinoline, 2106.  
 $C_{14}H_{18}O$  2- $\beta$ -Phenylethylcyclohexanone, 2523.  
 $C_{14}H_{18}O_3$  1-Keto-6:7-dimethoxy-2:3-dimethyl-1:2:3:4-tetrahydronaphthalene, 1487.  
 2-Methoxy- $\beta$ :4-dimethyl- $\alpha$ -ethylcinnamic acid, 1687.  
 2-Methoxy- $\beta$ :5-dimethyl- $\alpha$ -ethylcinnamic acid, 1182.  
 $C_{14}H_{16}O_5$   $\beta$ :3:4-Dimethoxybenzoyl- $\alpha\beta$ -dimethylpropionic acid, 1487.  
 $C_{14}H_{18}O_6$  Methyl 3-methylcyclopentanespiro-3':4'-diketocyclopentane-2':5'-dicarboxylate, 1078.  
 $C_{14}H_{20}O$  2- $\beta$ -Phenylethylcyclohexanol, 2523.  
 $C_{14}H_{20}O_2$  1:1-Dimethyl-4:4-diallylcyclohexane-3:5-dione, 1084.  
 1-(4'-Methoxy-*m*-tolyl)cyclohexanol, 1834.  
 $C_{14}H_{22}O$  Ethyl *trans*-decahydronaphthylidene-2-acetates, 2133.  
 $\alpha$ -Methyl- $\Delta^2$ -*trans*-octahydronaphthyl-2-acetone, 2146.  
 $C_{14}H_{22}O_2$  Ethyl  $\alpha$ -methyl-*trans*-hexahydrohydrindylidene-2-acetate, 2164.  
 Ethyl  $\alpha$ -methyl-*trans*-hexahydroindanyl-2-acetate, 2164.

- $C_{14}H_{24}O_3$  Ethyl 1-*isobutyrylmethylcyclopentane*-1-acetate, 1087.  
 Ethyl 2-hydroxy- $\alpha$ -methyl-*trans*-hexahydrohydrindene-2-acetate, 2161.  
 Ethyl 1-propionylmethylcyclohexane-1-acetate, 1087.  
 $C_{14}H_{24}N_2$   $\beta\beta$ -Bisdimethylamino- $\alpha$ -phenylbutane, and its picrate, 1939.  
 $C_{14}H_{26}O_4$  Ethyl  $\gamma$ -*isopropyl*pimelate, 2799.  
 $C_{14}H_{27}As$  *Dicyclohexylethylarsine*, 2289.  
 $C_{14}H_{27}Sb$  *Ethylidicyclohexylstibine*, 1815.

## 14 III

- $C_{14}H_4O_2Cl_4$  Tetrachloroanthraquinone, 80.  
 $C_{14}H_5O_2Cl_3$  Trichloroanthraquinones, 80.  
 $C_{14}H_7O_3Cl_3$  4':4:5-Trichloro-2-benzoylbenzoic acid, 81.  
 $C_{14}H_9O_6N_2$  2:7-Dinitrofluorene-9-carboxylic acid, 2361.  
 $C_{14}H_9O_4N$  2-Nitrofluorene-9-carboxylic acid, 2361.  
 $C_{14}H_9O_6N_3$  2-Nitro-1:2-di-*p*-nitrophenylethylene, 1463.  
 2-Nitro-1-*p*-nitrophenyl-2-*m*-nitrophenylethylene, 1463.  
 $C_{14}H_{10}O_2N_2$  Nitro-9-methylphenanthridines, 2227.  
 $C_{14}H_{10}O_2S$  7-Hydroxy-1-methoxythioxanthone, 1797.  
 $C_{14}H_{10}O_4N_2$  2-Nitro-1-phenyl-2-*m*-nitrophenylethylene, 1462.  
 $C_{14}H_{10}O_4S$  1:8-Dihydroxy-4-methoxythioxanthone, 1796.  
 $C_{14}H_{10}O_7N_2$  2:2'-Dinitrobenzilic acid, 2360.  
 $C_{14}H_{11}O_2N$  2-Aminofluorene-9-carboxylic acid, 2362.  
 $C_{14}H_{11}O_2I$   $\omega$ -3'-Iodophenoxyacetophenone, 2859.  
 $C_{14}H_{11}O_6N_3$  *o*-2:4-Dinitrophenoxybenzaldoxime *O*-methyl ether, 956.  
 $C_{14}H_{11}O_8N_3$  *O*-*p*-Nitrobenzyl-4:5-dinitroguaiacol, 1238.  
 $C_{14}H_{12}O_2N_2$  2:7-Diaminofluorene-9-carboxylic acid, 2362.  
 $C_{14}H_{12}O_3N_2$  *m*-Nitro- $\omega$ -anilinoacetophenone, 1155.  
 $C_{14}H_{12}O_7N_4$  2:4:6-Trinitro-4'-ethoxydiphenylamine, 2364.  
 $C_{14}H_{12}NCl$  *m*-Chlorobenzylidenebenzylamine, 703.  
 $C_{14}H_{12}NBr$  *m*-Bromobenzylidenebenzylamine, 703.  
 $C_{14}H_{12}NI$  *m*-Iodobenzylidenebenzylamine, 704.  
 $C_{14}H_{13}OBr$  6-Methyl-2-naphthyl  $\alpha$ -bromoethyl ketone, 2249.  
 $C_{14}H_{13}O_2N$  Methyl *o*-xenylcarbamate, 2231.  
 Nitrodimethyldiphenyls, 2393.  
 $C_{14}H_{13}O_2As$  *p*-Carboxydiphenylmethylarsine, 967.  
 $C_{14}H_{13}O_3As$  *p*-Carboxydiphenyl methylarsenoxide, 968.  
 $C_{14}H_{13}O_4N_3$  2:4-Dinitromethylbenzylaniline, 1357.  
 Dinitrodimethyldiphenylamines, 2363.  
 2:4-Dinitro-5-methylphenylbenzylamine, 2364.  
 $C_{14}H_{13}O_6N$  Methyl- $\beta$ -phthalimidoethylmalonic acid, 316.  
 $C_{14}H_{14}ON_2$  Salicylaldehyde methylphenylhydrazine, 955.  
 $C_{14}H_{14}O_2N_2$  Benzyl hyponitrite, 2595.  
 $C_{14}H_{14}O_3N_2$  2:2'-Diaminobenzilic acid, 2361.  
 $C_{14}H_{15}ON$   $\omega$ -Acetamido-1:4-dimethylnaphthalene, 2018.  
 $C_{14}H_{15}OP$  *p*-Phenoxyphenyldimethylphosphine, 2882.  
 $C_{14}H_{15}O_2N_3$  Benzylideneacetylmethylcreatinine, 2053.  
 5-Nitro-8-piperidinoquinoline, 2105.  
 8-Nitropiperidinoquinolines, 1261.  
 8-Nitroquinolylpiperidine, 1261.  
 $C_{14}H_{15}O_3N$  2:6-Dihydroxy-3- $\beta$ -phenoxyethyl-4-methylpyridine, 2020.

- $C_{14}H_{18}O_2N_2$  Ethyl  $\alpha$ -cyano- $\beta$ -imino- $\gamma$ -phenylvalerate, 1831.  
 Ethyl 2:4-diamino-1-methylnaphthalene-3-carboxylate, 1831.  
 3-Keto-10-ethoxy-7-methyl-3:4:5:6-tetrahydro-4- $\psi$ -carboline, 315.  
 $C_{14}H_{18}N_2S_3$  2:2'-Diamino-5:5'-ditolyl disulphide, 1988.  
 $C_{14}H_{18}O_2N_2$  3-Keto-10-ethoxy-7-methyl-3:4:5:6:7:2-hexahydro-4-carboline, 315.  
 $C_{14}H_{19}O_4N$  Ethyl 2-carbethoxy- $\Delta^1$ -cyclohexenylcyanoacetate, 2432.  
 Ethyl  $\alpha$ -cyano- $\alpha$ -2-carbethoxy- $\Delta^1$ -cyclopentenylpropionate, 2430.  
 $C_{14}H_{19}O_6N$  Ethyl  $\alpha$ -cyano- $\gamma$ -methylaconitate, 1092.  
 $C_{14}H_{20}ON_2$  *dl*-Noreserethole, and its salts, 313.  
 $C_{14}H_{21}O_5N$  Ethyl 2-carboxy- $\Delta^1$ -cyclohexenylmalonamate, 2432.  
 $C_{14}H_{22}O_8N_2$  Triacetyl erythrosediacetamide, 2974.  
 $C_{14}H_{22}O_4Br_2$  Ethyl  $\alpha\alpha'$ -dibromo-3-methylcyclopentane-1:1-diacetate, 1072.  
 $C_{14}H_{23}ON_3$  *trans*-Decahydronaphthylidene-2-acetone semicarbazone, 2135.  
 $\alpha$ -Methyl-*trans*-hexahydrohydrindylidene-2-acetone semicarbazone, 2165.  
 $\Delta^2$ -*trans*-Octahydronaphthyl-2-acetone semicarbazone, 2136.  
 $C_{14}H_{23}O_4Br$  Ethyl  $\alpha$ -bromo-3-methylcyclopentane-1:1-diacetate, 1070.  
 $C_{14}H_{26}O_3S_2$   $\kappa$ -Xanthatoundecoic acid, 596.  
 $C_{14}H_{26}O_7Sb_2$  Methyltri-*n*-propylstibonium antimonyl *d*-tartrate, 1818.  
 $C_{14}H_{28}IAs$  Dicyclohexyldimethylarsonium iodide, 2286.

14 IV

- $C_{14}H_5O_4Cl_3S$  2:3-Dichloroanthraquinone-6-sulphonyl chloride, 78.  
 $C_{14}H_6O_5Cl_2S$  Dichloroanthraquinonesulphonic acids, and their potassium salts, 78.  
 $C_{14}H_6O_8Cl_2S_2$  2:6-Dichloroanthraquinonedisulphonic acid, 81.  
 $C_{14}H_7OCl_2Br$  1:4-Dichloro-10-bromoanthrone, 1457.  
 $C_{14}H_7O_6ClS_2$  2-Chloroanthraquinone-3:7-disulphonic acid, potassium salt, 82.  
 $C_{14}H_8O_7Cl_2S_2$  *pp'*-Bischlorosulphonylbenzoic anhydride, 2044.  
 $C_{14}H_9O_6NS_2$  Aminoanthraquinonedisulphonic acids, potassium salts, 78.  
 $C_{14}H_8NBrS$  2-Bromothionaphthindole, 229.  
 $C_{14}H_9O_6NS$  1-Amino-4-hydroxyanthraquinonesulphonic acids, sodium salts, 85.  
 1-Hydroxylaminoanthraquinonesulphonic acids, sodium salts, 85.  
 $C_{14}H_9O_7NS$  2-Nitro-7-sulphofluorene-9-carboxylic acid, and its potassium salt, 2362.  
 $C_{14}H_{10}ON_3Cl$  2'-Chloro-4'-amino-3-phenylphthalaz-1-one, 15.  
 $C_{14}H_{10}O_2N_2Cl_2$  *m*-Chlorobenzaldehyde peroxide, 40.  
 $C_{14}H_{10}O_4N_2Cl_2$  Glyoxime *NN'*-di-3-chloro-4-hydroxyphenyl ether, 1398.  
 $C_{14}H_{10}O_5NAS$  7-Formamidofluorenone-2-arsonic acid, and its sodium salt, 1637.  
 $C_{14}H_{11}ON_2Cl$  2'-Chloro-4'-amino-*N*-phenylphthalimidine, 16.  
 $C_{14}H_{11}O_5NS$  2-Amino-7-sulphofluorene-9-carboxylic acid, 2362.  
 $C_{14}H_{11}O_5N_2F$  4-Fluoro-2:3'-dinitro-4'-ethoxydiphenyl, 513.  
 $C_{14}H_{11}O_5N_2As$  7-Carbamidofluorenone-2-arsonic acid, and its sodium salt, 1638.  
 $C_{14}H_{12}ON_3Cl$  1-Keto-3-(2'-chloro-4'-aminophenyl)tetrahydrophthalazine, 16.  
 $C_{14}H_{12}O_2N_2S$  3-Oxy-1-thionaphthen 1-dioxide phenylhydrazone, 229.  
 $C_{14}H_{12}O_4Cl_2S$  3:3'-Dichloro-4:4'-dimethoxydiphenylsulphone, 718.  
 $C_{14}H_{12}N_2Cl_2Pb$   $\alpha$ -Pyridinoquinolinoplatinous chloride, 2220.  
 $C_{14}H_{13}O_2NS$  3:6-Dimethylthiodiphenylamine dioxide, 2776.  
 $C_{14}H_{13}O_4BrS$  3-Bromo-*p*-tolyl *p*-toluenesulphonate, 2948.  
 $C_{14}H_{13}O_5NS$  6-Nitro-*o*-tolyl *p*-toluenesulphonate, 1689.  
 $C_{14}H_{14}O_4NS$  *o*-Nitrobenzenesulpho-*p*-methyltoluide, 2775.  
 $o$ -Nitrophenyl-4-methylamino-*m*-tolylsulphone, 2776.  
 $p$ -Toluenesulphon-4'-nitro-*m*-tolylamide, 2359.

- $C_{14}H_{14}O_2N_2Cl_2$  Ethyl diketosuccinate 2:5-dichlorophenylhydrazine, 1024.  
 $C_{14}H_{16}O_3NS$  6-Amino-*o*-cresol *p*-toluenesulphonate, 1690.  
 $C_{14}H_{16}O_2N_2S$  3-*p*-Toluenesulphonamido-*p*-toluidine, 2359.  
 $C_{14}H_{16}O_2N_2S_2$  2:2'-Diaminodianisyl 4:4'-disulphide, and its dihydrochloride, 720.  
 $C_{14}H_{16}O_3NBR$  5-Acetoxy-1:3-dimethyl-3- $\beta$ -bromoethyl-2-indolinone, 332.  
 $C_{14}H_{16}O_5N_3As$  6-Nitro-5-piperidinoquinoline-8-arsonic acid, 2107.  
 $C_{14}H_{21}O_5N_3As$  Glutaranilo-*n*-propylamide-*p*-arsonic acid, and its sodium salt, 278.  
 $C_{14}H_{25}O_7AsSb$  Methyltri-*n*-propylarsonium antimonyl *d*-tartrate, 1818.

## 14 V

- $C_{14}H_{20}O_6N_3S_2As$  Di( $\beta$ -amino- $\beta$ -carboxyethyl) 4-acetamido-2-hydroxyphenylthioarsinite, 2509.  
 $C_{14}H_{21}O_5N_3S_2As$  Di( $\beta$ -amino- $\beta$ -carboxyethyl) phenylglycineamide-*p*-thioarsinite, 2508.

 $C_{15}$  Group.

- $C_{15}H_{12}$  Methylphenanthrenes, 1130.  
 $C_{15}H_{16}$  2:4:6-Trimethyldiphenyl, 2638.  
 $C_{15}H_{20}$  2-Methyloctahydrophenanthrene, 2524.

## 15 II

- $C_{15}H_{10}O_4$  6:7-Dihydroxy-3-phenylcoumarin, 2421.  
 $C_{15}H_{10}O_5$  7:8:4'-Trihydroxyflavone, 1109.  
 $C_{15}H_{10}O_6$  7:8:3':4'-Tetrahydroxyflavone, 1109.  
 $C_{15}H_{10}O_7$  Pentahydroxyflavones, 1110.  
 $C_{15}H_{11}N$  2-Phenylquinoline, preparation of, 2807.  
 $C_{15}H_{11}N_3$  Tripyridyls, 28.  
 $C_{15}H_{12}O_2$  2:3-Dimethyl-1:4-*a*-naphthapyrone, 930.  
 $C_{15}H_{12}O_4$  Aloe-emodinanthranol, 2581.  
 Methoxydibenzaldehydes, 2264.  
 $C_{15}H_{12}O_5$  Methoxydibenzoic acids, 2264.  
 $C_{15}H_{13}Br_3$  3:5:4'-Tribromo-2:4:6-trimethyldiphenyl, 2640.  
 $C_{15}H_{14}O$  1-Keto-9-methyl-1:2:3:4-tetrahydrophenanthrene, 2721.  
 4-Keto-7-methyl-1:2:3:4-tetrahydrophenanthrene, 1788.  
 Ketomethyltetrahydrophenanthrenes, 1132.  
 $C_{15}H_{14}O_3$  2-Hydroxy-4-methoxy-3-methylbenzophenone, 1693.  
 $\beta$ -(4-Methyl-1-naphthoyl)propionic acid, 2721.  
 $\beta$ -(6-Methyl-2-naphthoyl)propionic acid, 1787.  
 $\beta$ -Naphthoyl*isobutyric* acids, 1131.  
 $C_{15}H_{14}O_4$  Dihydroaloe-emodinanthranol, 2581.  
 $C_{15}H_{15}N$  *m*-Methylbenzylidenebenzylamine, 703.  
 $C_{15}H_{16}O$  4-Hydroxy-4-methyl-1:2:3:4-tetrahydrophenanthrene, 1131.  
 $C_{15}H_{16}O_2$  Methyl 6-*isopropyl*-2-naphthoate, 1791.  
 $\gamma$ -(2-Naphthyl-6-methyl)butyric acid, 1787.  
 $\gamma$ -Naphthyl- $\alpha$ -methylbutyric acids, 1132.  
 $C_{15}H_{16}O_3$  8-*l*-Menthoxy-1-naphthoic acid, 2732.  
 $C_{15}H_{17}As$  Dibenzylmethylarsine, 2286.  
 Diphenyl-*n*-propylarsine, 2290.  
 Di-*p*-tolylmethylarsine, 2286.  
 $C_{15}H_{18}O_2$  4-Benzyl-1:1-dimethylcyclohexane-3:5-dione, 1083.  
 1-Phenyl-4-*isopropyl*cyclohexane-3:5-dione, 1085.  
 $C_{15}H_{18}N_2$  1-Amino-4-piperidinonaphthalene, 1259.

- C<sub>15</sub>H<sub>9</sub>N<sub>3</sub>** 3:5:4'-Triamino-2:4:6-trimethyldiphenyl, 2640.  
**C<sub>15</sub>H<sub>20</sub>O** 2-β-Phenylethyl-4-methylcyclohexanone, 2524.  
**C<sub>15</sub>H<sub>20</sub>O<sub>3</sub>** Ethyl γ-propionyl-β-phenylglutarate, 1085.  
**C<sub>15</sub>H<sub>22</sub>O** Eremophilone, 2751.  
 2-β-Phenylethyl-4-methylcyclohexanol, 2524.  
**C<sub>15</sub>H<sub>22</sub>O<sub>2</sub>** *trans*-Decalin-2-*spiro*cyclohexane-2':6'-dione, 2138.  
 Eremophilone oxide, 2754.  
 2-Hydroxyeremophilone, 2754.  
 2-Methylcyclohexane-3:5-dione-*spiro-trans*-hexahydrohydrindene, 2166.  
**C<sub>15</sub>H<sub>22</sub>O<sub>3</sub>** 2-Hydroxyeremophilone, 2756.  
**C<sub>15</sub>H<sub>24</sub>O<sub>2</sub>** Dihydroeremophilone oxide, 2754.  
 Ethyl *trans*-decahydronaphthylidene-2-α-propionate, 2144.  
 Ethyl Δ<sup>2</sup>-*trans*-octahydronaphthalene-2-α-propionate, 2144.  
 2-Hydroxy-1:2-dihydroeremophilone, 2757.  
**C<sub>15</sub>H<sub>26</sub>O** Dihydroeremophilol, 2753.  
 Tetrahydroeremophilone, 2752.  
**C<sub>15</sub>H<sub>26</sub>O<sub>2</sub>** 2-Hydroxytetrahydroeremophilone, 2757.  
**C<sub>15</sub>H<sub>26</sub>O<sub>3</sub>** Ethyl 2-hydroxy-*trans*-decalin-2-α-propionate, 2142.  
**C<sub>15</sub>H<sub>26</sub>O<sub>4</sub>** Ethyl methylcyclohexane-1:1-diacetates, 1054, 1060.  
**C<sub>15</sub>H<sub>26</sub>O<sub>6</sub>** 1-Methyl-4-(α-hydroxyisopropyl)cyclohexane-1-acetic-2-α-lactic acid, 2756.  
**C<sub>15</sub>H<sub>33</sub>N<sub>3</sub>** Triisobutyltrimethylenetriamines, and their salts, 1354.

## 15 III

- C<sub>15</sub>H<sub>6</sub>O<sub>2</sub>Cl<sub>6</sub>** 4:5-Diketo-1-(2':4':5'-trichlorophenyl)pyrazoline-4-(2'':4'':5'':5'':trichlorophenyl)hydrazone, 1026.  
**C<sub>15</sub>H<sub>9</sub>O<sub>2</sub>Cl<sub>3</sub>** 3:4':5'-Trichlorosalicylideneacetophenone, 1992.  
**C<sub>15</sub>H<sub>10</sub>O<sub>2</sub>Cl<sub>2</sub>** 3:5-Dichlorosalicylideneacetophenone, 1990.  
**C<sub>15</sub>H<sub>10</sub>O<sub>2</sub>Br<sub>2</sub>** 3:5-Dibromosalicylideneacetophenone, 1990.  
**C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>Cl<sub>2</sub>** Chloro-2-phenylbenzopyrylium perchlorates, 1990.  
**C<sub>15</sub>H<sub>11</sub>O<sub>2</sub>Cl** 5-Chlorosalicylideneacetophenone, 1990.  
 Salicylidene-*p*-chloroacetophenone, 1990.  
**C<sub>15</sub>H<sub>11</sub>O<sub>2</sub>Br** 5-Bromosalicylideneacetophenone, 1990.  
 Salicylidene-*p*-bromoacetophenone, 1990.  
**C<sub>15</sub>H<sub>11</sub>O<sub>3</sub>N<sub>3</sub>** 4'-Nitro-3-phenyl-2'-methylphthalaz-1-one, and its picrate, 479.  
**C<sub>15</sub>H<sub>11</sub>O<sub>4</sub>N<sub>3</sub>** 1:4-Diketo-3-(4'-nitro-2'-methylphenyl)tetrahydrophthalazine, 480.  
**C<sub>15</sub>H<sub>11</sub>O<sub>6</sub>As** 7-Acetoxyfluorenone-2-arsonic acid, and its sodium salt, 1641.  
**C<sub>15</sub>H<sub>11</sub>NS** Methylthionaphthindoles, 229.  
**C<sub>15</sub>H<sub>12</sub>ON<sub>2</sub>** Acetyl-9-aminophenanthridine, 2230.  
**C<sub>15</sub>H<sub>12</sub>O<sub>3</sub>S** 1:7-Dimethoxythioxanthone, 1796.  
**C<sub>15</sub>H<sub>12</sub>O<sub>7</sub>N<sub>2</sub>** *O*-Nitrobenzyl-6-nitrovanillins, 1237.  
**C<sub>15</sub>H<sub>12</sub>O<sub>8</sub>N<sub>2</sub>** *O*-Nitrobenzyl-6-nitrovanillic acids, 1238.  
**C<sub>15</sub>H<sub>13</sub>ON<sub>3</sub>** 4'-Amino-3-phenyl-2'-methylphthalaz-1-one, 478.  
**C<sub>15</sub>H<sub>13</sub>O<sub>2</sub>N** 4'-Hydroxy-*N*-phenyl-2'-methylphthalimidine, 479.  
**C<sub>15</sub>H<sub>13</sub>O<sub>3</sub>N** 2-Acetamidodiphenyl-4-carboxylic acid, 1894.  
 4-Acetamidodiphenyl-3-carboxylic acid, 2247.  
 2-Nitro-2-phenyl-1-*p*-methoxyphenylethylenes, 1463.  
**C<sub>15</sub>H<sub>13</sub>O<sub>4</sub>N** *p*-Methylcarbonatobenzanilide, 646.  
**C<sub>15</sub>H<sub>13</sub>O<sub>4</sub>N<sub>3</sub>** *o*-Carboxybenzaldehyde-5-nitro-*o*-tolylhydrazone, 482.  
**C<sub>15</sub>H<sub>13</sub>O<sub>5</sub>N** Nitrobenzylvanillins, 1236.  
**C<sub>15</sub>H<sub>13</sub>O<sub>6</sub>N<sub>3</sub>** 3:5:4'-Trinitro-2:4:6-trimethyldiphenyl, 2639.



- $C_{15}H_{14}ON_2$  4'-Amino-*N*-phenyl-2'-methylphthalimidine, 478.  
 $C_{15}H_{14}O_3N_2$  Nitro-4-dimethylaminobenzophenones, 646.  
 $C_{15}H_{14}O_3S_2$  Phenylsulphonylphenylthioacetone, 1824.  
 $C_{15}H_{14}O_4N$  Propiophenone 2:4-dinitrophenylhydrazone, 2611.  
 $C_{15}H_{14}O_4N_2$  3:4'-Dinitro-2:4:6-trimethyldiphenyl, 2639.  
 $C_{15}H_{15}ON$  4-Acetamido-3-methyldiphenyl, 2247.  
 Acetamidomethyldiphenyls, 1893.  
*m*-Methoxybenzylidenebenzylamine, 704.  
 $C_{15}H_{15}ON_3$  1-Keto-3-(4'-amino-2'-methylphenyl)tetrahydrophthalazine, 478.  
 1-Methyl-2:3-dihydroindole-5:6-quinone phenylhydrazone, 547.  
 $C_{15}H_{15}O_2N$  4-Dimethylaminohydroxybenzophenones, 646.  
 $C_{15}H_{15}O_2N_3$  Benzyl methyl ketone *p*-nitrophenylhydrazone, 2921.  
 $C_{15}H_{15}O_3N_3$  Dinitrotrimethyldiphenylamines, 2363.  
 $C_{15}H_{15}O_3N_3$  2:4-Dinitroethoxy-5-methyldiphenylamines, 2363.  
 $C_{15}H_{15}N_2Cl$  3-Amino-9:10-dimethylphenanthridinium chloride, 2228.  
 $C_{15}H_{16}ON_2$  *p*-Dimethylaminobenzophenoneoxime, 645.  
 $C_{15}H_{16}O_2N_2$  2:4-Diacetamido-1-methylnaphthalene, 1832.  
 4:8-Diacetamido-1-methylnaphthalene, 2313.  
 1-Nitro-4-piperidinonaphthalene, 1258.  
 $C_{15}H_{16}N_2S$  2-Methylthiolacetophenone phenylhydrazone, 230.  
 $C_{15}H_{17}O_2N$  *m*-Methylbenzylamine benzoate, 701.  
 $C_{15}H_{17}O_2N_3$  3:4'-Diamino-2:4:6-trimethyldiphenyl, 2640.  
 $C_{15}H_{17}O_3N$  *p*-Nitrobenzoyl-*m*-methoxybenzylamine, 702.  
 $C_{15}H_{20}O_2N_2$  3-Keto-10-ethoxy-1:7-dimethyl-3:4:5:6:7:2-hexahydro-4-carboline,  
 315.  
 $C_{15}H_{21}ON$  4-Acetamido-3-*cyclohexyl*toluene, 2651.  
 Acetyl*cyclohexyl-p*-toluidine, 2652.  
 $C_{15}H_{21}ON_3$  2-β-Phenylethyl*cyclohexanone* semicarbazone, 2523.  
 $C_{15}H_{21}O_2N_3$  Eserine, synthesis of, 298, 304, 317, 321, 326.  
 $C_{15}H_{21}O_3TI$  Ethyl (diethylthalli)benzoylacetate, 2739.  
 $C_{15}H_{21}O_4N$  Ethyl *α*-cyano-*α*-2-carbethoxy-Δ<sup>1</sup>-*cyclohexenyl*propionate, 2432.  
 $C_{15}H_{21}O_5N_3$  Methyl 3-methyl*cyclopentanespiro*-3':4'-diketocyclopentane-2':5'-di-  
 carboxylate semicarbazone, 1078.  
 $C_{15}H_{22}ON_2$  *dl*-Eserethole, 314.  
 $C_{15}H_{23}O_4N$  Benzpiperoinoxime, 38.  
 $C_{15}H_{24}O_4Br_2$  Ethyl *aa'*-dibromomethyl*cyclohexane*-1:1-diacetates, 1056, 1061.  
 $C_{15}H_{25}ON_3$  *α*-Methyl-*trans*-decahydronaphthylidene-2-acetone semicarbazone,  
 2146.  
*α*-Methyl-Δ<sup>2</sup>-*trans*-octahydronaphthyl-2-acetone semicarbazone, 2146.  
 $C_{15}H_{25}O_3N_3$  6-Acetyl-4:9-dimethyldecal-2-one-3-ol semicarbazone, 2758.  
 $C_{15}H_{25}O_4Br$  Ethyl *α*-bromomethyl*cyclohexane*-1:1-diacetates, 1055, 1061.  
 $C_{15}H_{25}O_5N_3$  *trans-cyclohexane*-2-*γ*-carbethoxyacetone-1-acetic acid semicarbazone, 2131.  
 $C_{15}H_{27}ON$  Tetrahydroeremophilone oxime, 2752.  
 $C_{15}H_{27}O_2N$  2-Hydroxytetrahydroeremophilone oxime, 2757.  
 $C_{15}H_{28}O_2I_2$  Ethylene *αβ*-di-iodohydrin laurate, 1976.  
 $C_{15}H_{30}IAS$  Dicyclohexylethylarsine methiodide, 2289.

## 15 IV

- $C_{15}H_8O_2N_2Cl_6$  Carboxyglyoxal 2:4:5-trichlorophenylosazone, 1026.  
 $C_{15}H_9OCl_2Br$  Dichloro-10-bromoanthranil methyl ethers, 1457.

- C<sub>15</sub>H<sub>9</sub>O<sub>7</sub>NCI<sub>2</sub>** Chloronitro-2-phenylbenzopyrylium perchlorates, 1991.  
**C<sub>15</sub>H<sub>10</sub>O<sub>2</sub>NBr** Phthalo-*m*-bromobenzylimide, and its salts, 701.  
**C<sub>15</sub>H<sub>10</sub>O<sub>2</sub>NI** Phthalo-*m*-iodobenzylimide, 702.  
**C<sub>15</sub>H<sub>10</sub>O<sub>3</sub>N<sub>3</sub>Cl** 2'-Chloro-4'-nitro-3-phenyl-4-methylphthalaz-1-one, and its picrate, 17.  
**C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>ClBr** Bromo-2-phenylbenzopyrylium perchlorates, 1990.  
**C<sub>15</sub>H<sub>10</sub>O<sub>7</sub>NA<sub>3</sub>** 7-Oxalylaminofluorenone-2-arsonic acid, and its sodium salt, 1640.  
**C<sub>15</sub>H<sub>12</sub>ON<sub>3</sub>Cl** 2'-Chloro-4'-amino-3-phenyl-4-methylphthalaz-1-one, 18.  
**C<sub>15</sub>H<sub>12</sub>ON<sub>3</sub>As** Tri-3-pyridylarsine oxide, 1500.  
**C<sub>15</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>S** 8-Benzenesulphonylaminoquinoline, 2213.  
**C<sub>15</sub>H<sub>13</sub>ONCl<sub>2</sub>** 3:5-Dichloro-4'-acetamido-4-methyldiphenyl, 1471.  
**C<sub>15</sub>H<sub>13</sub>ON<sub>2</sub>Cl** 2'-Chloro-4'-amino-*N*-phenyl-3-methylphthalimidine, 19.  
**C<sub>15</sub>H<sub>13</sub>O<sub>5</sub>N<sub>2</sub>As** 7-Methylcarbamidofluorenone-2-arsonic acid, and its sodium salt, 1638.  
**C<sub>15</sub>H<sub>14</sub>ONCl** 2'-Chloro-4-dimethylaminobenzophenone, 652.  
**C<sub>15</sub>H<sub>14</sub>ONBr** 4'-Bromo-4-dimethylaminobenzophenone, 645.  
**C<sub>15</sub>H<sub>14</sub>ON<sub>3</sub>Cl** 1-Keto-3-(2'-chloro-4'-aminophenyl)-4-methyltetrahydrophthalazine, 19.  
**C<sub>15</sub>H<sub>15</sub>ON<sub>2</sub>Br** 4'-Bromo-4-dimethylaminobenzophenoneoxime, 645.  
**C<sub>15</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>Br<sub>2</sub>** 3':5'-Dibromo-5-nitro-3:4'-diamino-2:4:6-trimethyldiphenyl, 2640.  
**C<sub>15</sub>H<sub>16</sub>O<sub>4</sub>N<sub>2</sub>S** 4-*o*-Nitrophenylmethylamino-*m*-tolylmethylsulphone, 2776.  
**C<sub>15</sub>H<sub>17</sub>O<sub>2</sub>NS** *p*-Toluenesulphonbenzylmethylamide, 1357.  
**C<sub>15</sub>H<sub>17</sub>O<sub>3</sub>NS** *N*-Benzenesulphonyl-*d*-nor-*ψ*-ephedrine, 1135.  
**C<sub>15</sub>H<sub>18</sub>OIP** *p*-Phenoxyphenyltrimethylphosphonium iodide, 2882.  
**C<sub>15</sub>H<sub>23</sub>ON<sub>2</sub>I** Esermethole methiodide, 334.  
**C<sub>15</sub>H<sub>23</sub>O<sub>3</sub>N<sub>3</sub>S** 4-Nitroso-1-*p*-toluenesulphonyl-*dl*-β-2:3:5:6-tetramethylpiperazine, 1341.  
**C<sub>15</sub>H<sub>24</sub>O<sub>5</sub>N<sub>3</sub>As** *p*-Arsonoanilinomalonbis-*n*-propylamide, 2781.

## 15 V

- C<sub>15</sub>H<sub>9</sub>O<sub>7</sub>NCI<sub>2</sub>Br** Bromonitro-2-phenylbenzopyrylium perchlorates, 1991.

C<sub>16</sub> Group.

- C<sub>16</sub>H<sub>14</sub>** 1:9-Dimethylphenanthrene, 2722.  
 Dimethylphenanthrenes, 2526.  
**C<sub>16</sub>H<sub>34</sub>** Hexadecane, equilibrium of, with octadecane, 737.

## 16 II

- C<sub>16</sub>H<sub>12</sub>O<sub>2</sub>** Methylflavones, 1687.  
 4-Phenyl-6-methylcoumarin, 1183.  
 4-Phenyl-7-methylcoumarin, 1688.  
**C<sub>16</sub>H<sub>12</sub>O<sub>4</sub>** Dimethoxyanthraquinones, salts of, 1983.  
**C<sub>16</sub>H<sub>14</sub>O<sub>5</sub>** Dimethoxydibenzaldehydes, 2264.  
**C<sub>16</sub>H<sub>14</sub>O<sub>6</sub>** Dimethoxydibenzoic acids, 2264.  
**C<sub>16</sub>H<sub>16</sub>O** 1-Keto-2:8-dimethyl-1:2:3:4-tetrahydrophenanthrene, 2723.  
**C<sub>16</sub>H<sub>16</sub>O<sub>2</sub>** γ-(6-Methyl-2-naphthyl)-Δβ-pentenoic acid, 1789.  
**C<sub>16</sub>H<sub>16</sub>O<sub>3</sub>** 6-(6:7-Dimethyl-2-naphthoyl)propionic acid, 2250.  
 Methyl β-(4-methyl-1-naphthoyl)propionate, 2721.  
 Methyl β-(6-methyl-2-naphthoyl)propionate, 1787.  
 β-(6-Methyl-2-naphthoyl)butyric acids, 2249.  
 β-(5-Methyl-1-naphthoyl)*isobutyric* acid, 2722.

- $C_{16}H_{17}N$  2-*p*-Aminophenyltetrahydronaphthalene, and its salts, 2653.  
 $C_{16}H_{18}N_2$  *m*-Dimethylaminobenzylidenebenzylamine, 704.  
 $C_{16}H_{19}As$  Diphenylbutylarsines, 2290.  
 $C_{16}H_{19}Sb$  Dimethyldiphenylethylstibines, 1816.  
 $C_{16}H_{20}O_2$  1-Phenyl-4-butylcyclohexane-3:5-dione, 1085.  
 $C_{16}H_{20}O_2$  Hydroxymethylene-eremophilone, 2752.  
 $C_{16}H_{21}As$  Phenyl-di-*n*-amylarsine, 2289.  
 $C_{16}H_{33}I$  Hexadecyl iodide, equilibrium of, with octadecyl iodide, 737.

## 16 III

- $C_{16}H_{12}ON_2$  Quinoline-2-aldehyde *p*-hydroxyanil, 723.  
 $C_{16}H_{12}OS_2$  4-Thiophenyl-2-hydroxy-1-naphthyl sulphide, 1044.  
 $C_{16}H_{12}O_2N_2$  *o*-Nitrophenyl-2-naphthylamine, 2777.  
 $C_{16}H_{12}O_2Cl_2$  4:4'-Di(chloroacetyl)diphenyl, 285.  
 $C_{16}H_{12}O_3S_2$  2-Hydroxy-1-naphthyl-4'-thiophenylsulphone, 1044.  
 $C_{16}H_{12}O_{10}N_2$  4:4'-Dinitrodehydrodivanillin, 442.  
 $C_{16}H_{13}O_3N$  2-Acetamidofluorene-9-carboxylic acid, 2362.  
 $C_{16}H_{13}O_3N_3$  4'-Nitro-3-phenyl-2':4-dimethylphthalaz-1-one, and its picrate, 481.  
 $C_{16}H_{13}O_4N_3$  4-Keto-1-methoxy-3-(4'-nitro-2'-methylphenyl)-3:4-dihydro-phthalazine, 480.  
 $C_{16}H_{13}O_{14}N_5$  Pentanitrotetramethoxydiphenyl, 442.  
 $C_{16}H_{14}ON_2$  3-Acetamido-9-methylphenanthridine, 2228.  
 $C_{16}H_{14}O_3N_2$  2:6-Diacetamidodiphenylene oxide, 2366.  
 Nitro-3-phenyl-1:3-dimethylindolinone, 324.  
 $C_{16}H_{14}O_4S$  1:4:8-Trimethoxythioxanthone, 1795.  
 $C_{16}H_{14}O_6S_2$  6-Methoxy-2-dithiobenzoic acid, 1795.  
 $C_{16}H_{14}O_{12}N_4$  Tetranitrotetramethoxydiphenyls, 441.  
 $C_{16}H_{14}NBr$  5-Bromo-7:8:9:10-tetrahydro- $\alpha\beta$ -naphthacarbazole, 2195.  
 5-Bromo-8:9:10:11-tetrahydro- $\alpha'\beta'$ -naphthacarbazole, 2194.  
 $C_{16}H_{15}ON$  3-Phenyl-1:3-dimethylindolinone, 323.  
 $C_{16}H_{15}ON_3$  4'-Amino-3-phenyl-2':4-dimethylphthalaz-1-one, 481.  
 $\alpha$ -Phenylcinnamaldehyde semicarbazone, 749.  
 $C_{16}H_{15}O_2N$  4'-Methoxy-*N*-phenyl-2'-methylphthalimidine, 479.  
 $C_{16}H_{15}O_3N$  4-(2'-Hydroxy-4'-methoxybenzylideneamino)acetophenone, 1442.  
 4-*o*-Vanillylideneaminoacetophenone, 1442.  
 $C_{16}H_{15}N_2I$  4-Phenyl-2-methylquinazoline methiodide, 257.  
 $C_{16}H_{15}ON_2$  4'-Amino-*N*-phenyl-2':3-dimethylphthalimidine, 482.  
 $C_{16}H_{15}OS$   $\omega$ -Benzyl- $\omega$ -methylthiolacetophenone, 71.  
 $C_{16}H_{15}O_3S_2$  *p*-Tolylsulphonylphenylthioacetone, 1824.  
 $C_{16}H_{16}O_4N_2$  Glyoxime *NN'*-di-4-methoxyphenyl ether, 1397.  
 $C_{16}H_{16}O_6N_4$  Benzyl ethyl ketone 2:4-dinitrophenylhydrazone, 2611.  
 $C_{16}H_{16}O_8N_2$  3:3'-Dinitro-5:6:5':6'-tetramethoxydiphenyl, 441.  
 $C_{16}H_{17}ON$  Acetamidodimethyldiphenyls, 2393.  
 $\alpha$ -Dimethylaminodeoxybenzoin, and its picrate, 1937.  
 $C_{16}H_{17}ON_3$  Acetone 2:4-diphenylsemicarbazone, 2086.  
 1-Keto-3-(4'-amino-2'-methylphenyl)-4-methyltetrahydrophthalazine, 482.  
 1-Keto-9-methyl-1:2:3:4-tetrahydrophenanthrene semicarbazone, 2721.  
 $C_{16}H_{17}O_2N$  4-Dimethylamino-2'-methoxybenzophenone, 645.  
 $C_{16}H_{17}O_3N_3$   $\beta$ -(4-Methyl-1-naphthoyl)propionic acid semicarbazone, 2721.  
 $C_{16}H_{17}O_6N$  Methyl methyl- $\beta$ -phthalimidoethylmalonate, 316.  
 $C_{16}H_{18}ON_2$   $\alpha$ -Phenylpropionic methylphenylhydrazide, 324.

- $C_{16}H_{18}ON_4$  1:4-Dihydroxybutan-2-one phenylosazone, 753.  
 $C_{16}H_{18}O_2N_2$  4-Dimethylamino-3'-methoxybenzophenone oxime, 646.  
 2-Hydroxy-3-ethoxybenzaldehyde methylphenylhydrazone, 955.  
 $C_{16}H_{18}O_2S$  Phenacylbenzylmethylsulphonium hydroxide, salts of, 71.  
 $C_{16}H_{18}O_3N_4$   $\alpha$ -Keto-3-methylcyclopentane-1:1-diacetic acid 2:4-dinitrophenylhydrazone, 1074.  
 $C_{16}H_{18}NBr_3$  Di-*p*-bromobenzyltrimethylammonium bromide, 1936.  
 $C_{16}H_{19}ON_3$  5-Acetamido-8-piperidinoquinoline, 2106.  
 $C_{16}H_{19}OP$  *p*-Phenoxyphenyldiethylphosphine, 2882.  
 $C_{16}H_{19}O_4N$  Ethyl  $\alpha$ -cyano- $\beta$ -phenylglutarate, 1084.  
 $C_{16}H_{20}O_6N_6$  Dicreatinine phthalate, 2200.  
 $C_{16}H_{20}NCl$  Dibenzyltrimethylammonium chloride, 1936.  
 $C_{16}H_{20}NI$  Dibenzyltrimethylammonium iodide, 1936.  
 $C_{16}H_{20}IAs$  Diphenylmethyl-*n*-propylarsonium iodide, 2290.  
 Di-*p*-tolylmethylarsine methiodide, 2286.  
 $C_{16}H_{21}O_2N$  1-Carboxymethylcyclohexane-1-acetanilic acids, 1058, 1063.  
 $C_{16}H_{23}ON_3$  2- $\beta$ -Phenylethyl-4-methylcyclohexanone semicarbazone, 2524.  
 $C_{16}H_{23}ON_3$  Eremophilone semicarbazone, 2752.  
 $C_{16}H_{25}O_2N_2$  Dehydrosermetholemethine, and its salts, 334.  
 $C_{16}H_{25}N_3S$  2:3:4:5:6-Pentamethylpiperazine phenylthioureas, 1340.  
 $C_{16}H_{27}ON_3$  Dihydroeremophilol semicarbazone, 2753.  
 $C_{16}H_{29}ON_3$  Tetrahydroeremophilone semicarbazone, 2752.  
 $C_{16}H_{35}O_3P$  Di- $\beta$ -octyl hydrogen phosphite, 112.

16 IV

- $C_{16}H_6O_3N_4Cl_6$  Diketosuccinic anhydride 2:4:5-trichlorophenylosazone, 1025.  
 $C_{16}H_8O_3N_4Cl_4$  4:5-Diketo-1-(2':5'-dichlorophenyl)pyrazoline-3-carboxylic acid 4-(2'':5'':5''-dichlorophenylhydrazone), 1025.  
 Diketosuccinic anhydride 2:5-dichlorophenylosazone, 1024.  
 $C_{16}H_8O_4N_4Cl_6$  Diketosuccinic acid 2:4:5-trichlorophenylosazone, 1025.  
 $C_{16}H_{10}O_4N_4Cl_4$  Diketosuccinic acid 2:5-dichlorophenylosazone, 1024.  
 $C_{16}H_{10}O_7N_2S$  Nitro-2-naphthyl *m*-nitrobenzenesulphonates, 2734.  
 $C_{16}H_{11}O_3ClS_2$  4-Chlorosulphonylphenyl-2-hydroxy-1-naphthyl sulphide, 1043.  
 $C_{16}H_{11}O_5ClS_2$  2-Hydroxy-1-naphthylphenylsulphone-4'-sulphonyl chloride, 1043.  
 $C_{16}H_{12}O_2N_3Cl$  2'-Chloro-4'-acetylamino-3-phenylphthalaz-1-one, 16.  
 $C_{16}H_{12}O_3N_3Cl$  2'-Chloro-4'-nitro-1-methoxy-3-phenyl-4-methylene-3:4-dihydrophthalazine, 18.  
 $C_{16}H_{12}O_4N_2S$  2-*o*-Nitrophenylaminonaphthyl-1-sulphinic acid, 2777.  
*o*-Nitrophenyl-2-amino-1-naphthylsulphone, 2776.  
 $C_{16}H_{12}O_5N_3Cl$  1-Hydroxy-3-(2'-chloro-4'-nitrophenyl)-1:3-dihydrophthalazine-4-acetic acid, 14.  
 $C_{16}H_{13}O_2N_2Cl$  2'-Chloro-4'-acetylamino-*N*-phenylphthalimidine, 16.  
 $C_{16}H_{14}ONCl$  Papaveroline hydrochloride, 786.  
 $C_{16}H_{14}O_2N_3Cl$  1-Keto-3-(2'-chloro-4'-acetylamino)phenyltetrahydrophthalazine, 16.  
 $C_{16}H_{14}O_3Cl_2S_2$  *p*-Tolylsulphonyl-2:5-dichlorophenylthioacetone, 1824.  
 $C_{16}H_{14}O_4NI$  Papaveroline hydriodide, 786.  
 $C_{16}H_{14}O_4N_2Cl_2$  Glyoxime *N,N'*-dichloro-4-methoxyphenyl ethers, 1397.  
 $C_{16}H_{14}O_5NAS$  7-Propionylamidofluorenone-2-arsonic acid, 1637.  
 $C_{16}H_{14}O_6NCl$  Aminomethoxyflavylium perchlorates, 1442.  
 $C_{16}H_{14}O_7NCl$  4'-Amino-3-hydroxy-7-methoxyflavylium perchlorate, 1443.

- $C_{16}H_{11}O_5N_2As$  Fluorenone-7-glycinemethylamide-2-arsonic acid, and its sodium salt, 1636.  
 $C_{16}H_{16}O_2N_4S$  5:7-Diamino-8-*p*-toluenesulphonamidoquinoline, 2196.  
 $C_{16}H_{16}O_3N_2Cl$  1-Hydroxy-3-(2'-chloro-4'-aminophenyl)tetrahydrophthalazine-4-acetic acid, 15.  
 $C_{16}H_{16}O_4N_2P$  Diphenoxyphosphorylcreatinine, and its sodium salt, 2054.  
 $C_{16}H_{16}O_4N_2Se$  Selenobisacetaldehyde di-*p*-nitrophenylhydrazone, 2486.  
 $C_{16}H_{19}O_4N_2S_3$   $\beta$ -Chloroethyl-*p*-toluenesulphonimidodisulphine-*p*-toluenesulphonylimine, 2087.  
 $C_{16}H_{20}O_7N_2As_2$  Azoxy-*p*-xylyl-2-arsonic acid, 502.  
 $C_{16}H_{21}O_2N_3S$  2-Quinolylacetalylthiocarbamide, 1809.  
 $C_{16}H_{26}O_2N_3I$  *dl*-5-Methoxy-1:3-dimethyl-3- $\beta$ -dimethylamino-2-indolinone methiodide, 333.  
 $C_{16}H_{26}O_2N_3S$  *p*-Toluenesulphonyl- $\gamma$ -2:3:4:5:6-pentamethylpiperazine, 1340.  
 $C_{16}H_{32}O_7PSb$  Tetra-*n*-propylphosphonium antimonyl-*d*-tartrate, 1818.

## 16 V

- $C_{16}H_{12}O_2N_2ClS$  3-(2'-Chlorophenyl)-1:3-dihydrophthalazine-1-sulphonic-4-acetic acid, sodium hydrogen salt, 13.  
 $C_{16}H_{12}O_6N_2S_2Na_2$  Sodium 5-sulpho-2-hydroxybenzeneazo- $\beta$ -naphthyl sulphite, 1274.  
 $C_{16}H_{13}O_7N_2S_2Na_2$  Sodium *p*-aminobenzeneazo-8-sulpho- $\beta$ -naphthyl sulphite, 1269.

C<sub>17</sub> Group.

- $C_{17}H_{16}$   $\alpha\beta$ -Diphenyl- $\delta$ -methyl- $\Delta\alpha\gamma$ -butadiene, 749.  
 1:4:7-Trimethylphenanthrene, 1790.  
 Trimethylphenanthrenes, 2250.

## 17 II

- $C_{17}H_{12}O_3$  8-Phenoxy-1-naphthoic acid, 2732.  
 $C_{17}H_{13}N$  Benzylidenequinaldine, and its salts, 2666.  
 $C_{17}H_{14}O_2$  2-Hydroxycinnamylideneacetophenone, 928.  
 $C_{17}H_{16}O_4$  2:4-Dimethoxyphenylbenzyl diketone, 1802.  
 $C_{17}H_{16}O_6$  *p*-Diprotocatechualdehyde trimethyl ether, 2263.  
 $C_{17}H_{16}O_7$  *p*-Diprotocatechuic acid trimethyl ether, 2264.  
 $C_{17}H_{16}Br_2$  Dibromo- $\alpha\beta$ -diphenyl- $\delta$ -methyl- $\Delta\alpha\gamma$ -butadiene, 750.  
 $C_{17}H_{18}O$  4-Ketotrimethyl-1:2:3:4-tetrahydrophenanthrenes, 2249.  
 $C_{17}H_{18}O_3$  Methyl  $\beta$ -(6-methyl-2-naphthoyl)isobutyrate, 2250.  
 $\beta$ -(6-Propyl-2-naphthoyl)propionic acids, 1790.  
 $C_{17}H_{18}O_6$  2:4-Dimethoxyphenylbenzylglycollic acid, 1805.  
 $C_{17}H_{21}As$  Diphenylamylarsines, 2290.  
 Di- $\beta$ -phenylethylmethylarsine, 2286.  
 $C_{17}H_{22}O_3$  Ethyl 2- $\beta$ -phenylethylcyclohexanone-2-carboxylate, 2523.  
 $C_{17}H_{22}O_4$  Ethyl  $\alpha$ -benzyl- $\gamma$ -methylglutaconate, 2442.  
 $C_{17}H_{24}O_3$  Ethyl 2- $\beta$ -phenylethylcyclohexanol-2-carboxylate, 2524.  
 $C_{17}H_{24}O_4$  2-Acetoxyeremophilone oxide, 2756.  
 Ethyl cyclohexane-3:5-dione-1(2')-spiro-*trans*-hexahydrohydrindene-2-carboxylate, 2157.  
 $C_{17}H_{30}O_2$  Elaostearic acids, action of maleic anhydride on, 2251.

## 17 III

- $C_{17}H_{10}O_6N_2$  2:4-Dinitrophenyl-4-aldehydo-1-naphthyl ether, 955.  
 $C_{17}H_{13}O_4N$  6:7-Methylenedioxy-1-phenyl-3:4-dihydroisoquinoline-2'-carboxylic acid, 2512.  
 Phthalo- $\beta$ -piperonylethylimide, 2512.

- C<sub>17</sub>H<sub>14</sub>O<sub>3</sub>S** 4-Methanesulphonylphenyl 2-naphthyl ether, 1046.  
**C<sub>17</sub>H<sub>14</sub>O<sub>3</sub>S<sub>2</sub>** 2-Hydroxy-1-naphthyl-4'-methylthiolphenylsulphone, 1044.  
 2-(4'-Methanesulphonylphenoxy)-1-naphthylthiol, 1047.  
 4-Methanesulphonylphenyl-2-hydroxy-1-naphthyl sulphide, 1047.  
**C<sub>17</sub>H<sub>14</sub>O<sub>5</sub>S<sub>2</sub>** 2-Hydroxy-1-naphthyl-4'-methanesulphonylphenylsulphone, 1044.  
**C<sub>17</sub>H<sub>11</sub>ON<sub>3</sub>** *p*-Amino-*m*-tolueneazo- $\beta$ -naphthol, 1268.  
**C<sub>17</sub>H<sub>15</sub>OBr** 10-Bromo-2:3-dimethylantranyl methyl ether, 1457.  
**C<sub>17</sub>H<sub>15</sub>O<sub>2</sub>N<sub>3</sub>** 4'-Acetylamino-3-phenyl-2'-methylphthalaz-1-one, 478.  
**C<sub>17</sub>H<sub>15</sub>O<sub>3</sub>N<sub>3</sub>** 4'-Nitro-1-methoxy-3-phenyl-2'-methyl-4-methylene-3:4-dihydrophthalazine, 481.  
**C<sub>17</sub>H<sub>15</sub>O<sub>4</sub>N** Anhydro-*N*-methylpapaverolinium hydroxide, 787.  
**C<sub>17</sub>H<sub>15</sub>O<sub>5</sub>N**  $\beta$ -Piperonylethylphthalamic acid, 2512.  
**C<sub>17</sub>H<sub>15</sub>O<sub>5</sub>N<sub>3</sub>** 1-Hydroxy-3-(4'-nitro-2'-methylphenyl)-1:3-dihydrophthalazine-4-acetic acid, 477.  
**C<sub>17</sub>H<sub>15</sub>O<sub>6</sub>Cl** *p*-Diprotocatechuy chloride trimethyl ether, 2264.  
**C<sub>17</sub>H<sub>16</sub>ON<sub>2</sub>** 4-Anilino-8-methoxyquinaldine, 1985.  
 4-Anisidinoquinaldines, and their salts, 1985.  
**C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>** 4'-Acetamido-*N*-phenyl-2'-methylphthalimidine, 478.  
**C<sub>17</sub>H<sub>17</sub>ON** 2-Methyl-3- $\beta$ -phenoxyethylindole, 319.  
**C<sub>17</sub>H<sub>17</sub>ON<sub>3</sub>** 3:3-Dimethylindolenine-2-carboxyphenylhydrazide, 300.  
**C<sub>17</sub>H<sub>17</sub>O<sub>2</sub>N** 5-Methoxy-3- $\beta$ -phenoxyethylindole, 331.  
**C<sub>17</sub>H<sub>17</sub>O<sub>2</sub>Tl** (Dimethylthalli)dibenzoylmethane, 2739.  
**C<sub>17</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 1-Keto-3-(4'-acetamido-2'-methylphenyl)tetrahydrophthalazine, 478.  
**C<sub>17</sub>H<sub>17</sub>O<sub>4</sub>Cl** 2:4-Dimethoxyphenyl- $\beta$ -chloro- $\alpha$ -hydroxy- $\beta$ -phenylethyl ketone, 1803.  
**C<sub>17</sub>H<sub>18</sub>O<sub>3</sub>N<sub>2</sub>**  $\omega$ -Dimethylamino- $\omega$ -nitrobenzylacetophenones, 65.  
 Nitro-4-diethylaminobenzophenones, 646.  
*m*-Nitro- $\omega$ -dimethylamino- $\omega$ -benzylacetophenone, 1930.  
**C<sub>17</sub>H<sub>18</sub>O<sub>3</sub>S<sub>2</sub>** *p*-Tolylsulphonyl-*p*-tolylthioacetone, 1824.  
**C<sub>17</sub>H<sub>18</sub>NCl** 3-Phenyl-1:2:3-trimethylindoleninium chloride, and its salts, 323.  
**C<sub>17</sub>H<sub>18</sub>NI** 3-Phenyl-1:2:3-trimethylindoleninium iodide, 322.  
**C<sub>17</sub>H<sub>19</sub>ON** 2:5-Diphenyl-3:4-dimethyltetrahydro-oxazole, 1581.  
**C<sub>17</sub>H<sub>19</sub>ON<sub>3</sub>** 1-Keto-2:8-dimethyl-1:2:3:4-tetrahydrophenanthrene semicarbazone, 2723.  
 4-Keto-1:7-dimethyl-1:2:3:4-tetrahydrophenanthrene semicarbazone, 1789.  
**C<sub>17</sub>H<sub>19</sub>O<sub>3</sub>N<sub>3</sub>** Benzaldehyde *d*-nor- $\psi$ -ephedrinofornylhydrazone, 1136.  
**C<sub>17</sub>H<sub>19</sub>O<sub>3</sub>N<sub>2</sub>** Phenacylnitrobenzyl dimethylamines, salts of, 65.  
**C<sub>17</sub>H<sub>19</sub>O<sub>3</sub>N<sub>3</sub>** 1-Hydroxy-3-(4'-amino-2'-methylphenyl)tetrahydrophthalazine-4-acetic acid, 477.  
 4'-Nitro-4-diethylaminobenzophenone oxime, 647.  
**C<sub>17</sub>H<sub>19</sub>O<sub>4</sub>N** Laudanosoline, and its salts, 788.  
 2-Nitro-1-ethoxy-2-phenyl-1-*p*-methoxyphenylethane, 1463.  
**C<sub>17</sub>H<sub>20</sub>ON** Phenacylbenzyl dimethylamine, salts of, 61.  
**C<sub>17</sub>H<sub>20</sub>ON<sub>2</sub>** *p*-Diethylaminobenzophenone oxime, 645.  
**C<sub>17</sub>H<sub>20</sub>O<sub>8</sub>N<sub>4</sub>**  $\alpha$ -Ketomethylcyclohexane-1:1-diacetic acid 2:4-dinitrophenylhydrazones, 1057, 1062.  
**C<sub>17</sub>H<sub>21</sub>ON<sub>3</sub>** Ergine, and its salts, 763, 1543.  
**C<sub>17</sub>H<sub>21</sub>N<sub>2</sub>I**  $\omega$ -Benzylimino-*m*-tolyltrimethylammonium iodide, 704.  
**C<sub>17</sub>H<sub>22</sub>IAS** Diphenylbutylarsine methiodides, 2290.  
**C<sub>17</sub>H<sub>23</sub>ON** 9-Benzoylaminodecalin, 1782.  
**C<sub>17</sub>H<sub>23</sub>O<sub>2</sub>N** *O*-Benzoyl-*N*-methylhomogranatoline, and its salts, 1432.

## 17 IV

- C<sub>17</sub>H<sub>12</sub>O<sub>2</sub>N<sub>4</sub>Cl<sub>6</sub>** Carbethoxyglyoxal 2:4:5-trichlorophenylosazone, 1026.  
**C<sub>17</sub>H<sub>12</sub>O<sub>12</sub>N<sub>2</sub>S<sub>6</sub>** 3-Nitrobenzoyl-β-naphthylamine-4:6:8-trisulphonic acid, sodium salt, 1911.  
**C<sub>17</sub>H<sub>14</sub>O<sub>2</sub>N<sub>3</sub>Cl** 2'-Chloro-4'-acetylamino-3-phenyl-4-methylphthalaz-1-one, 18.  
**C<sub>17</sub>H<sub>14</sub>O<sub>4</sub>N<sub>2</sub>S** 2-*o*-Nitrophenylamino-1-naphthylmethylsulphone, 2777.  
**C<sub>17</sub>H<sub>14</sub>O<sub>5</sub>N<sub>3</sub>Cl** Methyl 1-hydroxy-3-(2'-chloro-4'-nitrophenyl)-1:3-dihydro-phthalazine-4-acetate, 14.  
**C<sub>17</sub>H<sub>15</sub>O<sub>2</sub>N<sub>2</sub>Cl** 2'-Chloro-4'-acetylamino-*N*-phenyl-3-methylphthalimidine, 19.  
**C<sub>17</sub>H<sub>15</sub>O<sub>6</sub>N<sub>4</sub>Cl** 4-Chloro-2:3':5'-trinitro-4'-piperidinodiphenyl, 296.  
**C<sub>17</sub>H<sub>15</sub>O<sub>7</sub>N<sub>3</sub>S** 3-(4'-Nitro-2'-methylphenyl)-1:3-dihydrophthalazine-1-sulphonic-4-acetic acid, sodium salt, 476.  
**C<sub>17</sub>H<sub>16</sub>ON<sub>3</sub>Cl** 1-Chloro-4-piperazylacridone, 2773.  
**C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>S** 8-Benzenesulphonylethylaminoquinoline, 2213.  
**C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>N<sub>3</sub>Cl** 1-Keto-3-(2'-chloro-4'-acetylamino-phenyl)-4-methyltetrahydro-phthalazine, 19.  
**C<sub>17</sub>H<sub>16</sub>O<sub>5</sub>NaS** 7-Butyramidofluorenone-2-arsonic acid, and its sodium salt, 1637.  
**C<sub>17</sub>H<sub>16</sub>O<sub>7</sub>NCl** 4'-Amino-5:7-dimethoxyflavylium perchlorate, 1443.  
**C<sub>17</sub>H<sub>17</sub>ONBr<sub>2</sub>** *p*-Bromo-*ω*-dimethylamino-*ω*-bromobenzylacetophenones, 69.  
**C<sub>17</sub>H<sub>17</sub>O<sub>3</sub>N<sub>2</sub>Br** *p*-Bromo-*ω*-dimethylamino-*ω*-*m*-nitrobenzylacetophenone, 69.  
**C<sub>17</sub>H<sub>18</sub>ONCl** 2'-Chloro-4-diethylaminobenzophenone, 646.  
*p*-Chloro-*ω*-dimethylamino-*ω*-benzylacetophenone, 1930.  
*ω*-Dimethylamino-*ω*-chlorobenzylacetophenones, 62.  
**C<sub>17</sub>H<sub>18</sub>ONBr** 4'-Bromo-4-diethylaminobenzophenone, 652.  
Bromo-*ω*-dimethylamino-*ω*-benzylacetophenones, 1931.  
*ω*-Dimethylamino-*ω*-bromobenzylacetophenone, 63.  
**C<sub>17</sub>H<sub>18</sub>ONBr<sub>2</sub>** *p*-Bromophenacylbenzylidimethylamines, salts of, 68.  
**C<sub>17</sub>H<sub>18</sub>ONI** *ω*-Dimethylamino-*ω*-iodobenzylacetophenones, 64.  
*p*-Iodo-*ω*-dimethylamino-*ω*-benzylacetophenone, 1930.  
**C<sub>17</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>Br** *p*-Bromophenacyl-*m*-nitrobenzylidimethylamine, salts of, 69.  
**C<sub>17</sub>H<sub>19</sub>ONCl** Phenacylchlorobenzylidimethylamine, salts of, 62.  
**C<sub>17</sub>H<sub>19</sub>ONBr** *p*-Bromophenacylbenzylidimethylamine, salts of, 68.  
Phenacylbromodimethylamines, salts of, 63.  
**C<sub>17</sub>H<sub>19</sub>ONI** Phenacyliodobenzylidimethylamines, salts of, 64.  
**C<sub>17</sub>H<sub>19</sub>O<sub>8</sub>N<sub>2</sub>Br** Nitrophenacylbenzylidimethylammonium bromides, 1930.  
**C<sub>17</sub>H<sub>19</sub>O<sub>5</sub>N<sub>2</sub>As** Glutaranilide-*p*-arsonic acid, and its sodium salt, 279.  
**C<sub>17</sub>H<sub>20</sub>O<sub>4</sub>N<sub>2</sub>S** *m*-Nitrobenzenesulphonyl-*p*-aminoisoomylbenzene, 2398.  
**C<sub>17</sub>H<sub>20</sub>O<sub>6</sub>N<sub>2</sub>As<sub>2</sub>** Glutaranilide-*pp'*-diarsonic acid, and its disodium salt, 279.  
**C<sub>17</sub>H<sub>22</sub>OIP** *p*-Phenoxyphenylmethyl-diethylphosphonium iodide, 2882.  
**C<sub>17</sub>H<sub>28</sub>O<sub>5</sub>N<sub>3</sub>As** *p*-Arsonoanilinomalonbisbutylamides, 2781.

## 17 V

- C<sub>17</sub>H<sub>12</sub>O<sub>2</sub>NBr<sub>3</sub>S** 1:3:6-Tribromo-*p*-toluenesulphon-2-naphthalide, 2734.  
**C<sub>17</sub>H<sub>13</sub>O<sub>2</sub>NBr<sub>2</sub>S** 1:3-Dibromo-*p*-toluenesulphon-2-naphthalide, 2733.  
**C<sub>17</sub>H<sub>14</sub>O<sub>2</sub>NBrS** 1-Bromo-*p*-toluenesulphon-2-naphthalide, 2733.  
**C<sub>17</sub>H<sub>16</sub>O<sub>4</sub>N<sub>3</sub>Na** Sodium *p*-amino-*m*-tolueneazo-β-naphthyl sulphite, 1268.  
**C<sub>17</sub>H<sub>17</sub>ONClBr** *p*-Bromo-*ω*-dimethylamino-*ω*-*p*-chlorobenzylacetophenone, 68.  
**C<sub>17</sub>H<sub>18</sub>ONClBr** *p*-Bromophenacyl-*p*-chlorobenzylidimethylamine, salts of, 68.  
**C<sub>17</sub>H<sub>19</sub>ONClBr** *p*-Chlorophenacylbenzylidimethylammonium bromide, 1930.  
**C<sub>17</sub>H<sub>19</sub>ONBrI** Bromophenacylbenzylidimethylammonium iodides, 1931.  
*p*-Iodophenacylbenzylidimethylammonium bromide, 1930.  
**C<sub>17</sub>H<sub>24</sub>O<sub>3</sub>NSAs** Phenyl-diethylarsinehydroxy-*p*-toluenesulphonamide, 968.

**C<sub>18</sub> Group.**

**C<sub>18</sub>H<sub>38</sub>** Octadecane, equilibrium of, with hexadecane, 737.

**18 II**

**C<sub>18</sub>H<sub>14</sub>O<sub>2</sub>**  $\beta$ -Naphthoxyacetophenone, 2422.

2-Phenylacetyl-1-naphthol, 920.

**C<sub>18</sub>H<sub>14</sub>O<sub>3</sub>** 8-Benzyloxy-1-naphthoic acid, 2732.

7-Hydroxy-2-styryl-3-methylchromone, 927.

4'-Methoxy-2-styrylchromone, 933.

**C<sub>18</sub>H<sub>16</sub>O<sub>4</sub>** Ethyl keto-1:2:3:4-tetrahydrophenanthrene-2-glyoxylates, 1130.

**C<sub>18</sub>H<sub>16</sub>O<sub>5</sub>** 7:8:4'-Trimethoxyflavone, 1108.

**C<sub>18</sub>H<sub>16</sub>O<sub>7</sub>** 5:7-Dihydroxy-3':4':5'-trimethoxyflavone, 1111.

**C<sub>18</sub>H<sub>17</sub>N<sub>3</sub>** Quinoline-2-aldehyde *p*-dimethylaminoanil, and its dihydrochloride, 723.

**C<sub>18</sub>H<sub>18</sub>O<sub>5</sub>** 2:4-Dimethoxyphenyl *p*-methoxybenzyl diketone, 1805.

2:4-Dimethoxyphenyl *p*-methoxystyryl ketone, 1804.

**C<sub>18</sub>H<sub>18</sub>O<sub>6</sub>** 2:4-Dimethoxyphenyl  $\alpha$ -hydroxy- $\beta$ -formoxy- $\beta$ -phenylethyl ketone, 1804.

**C<sub>18</sub>H<sub>18</sub>O<sub>7</sub>** Methyl evernate, 1394.

**C<sub>18</sub>H<sub>20</sub>O** 4-Keto-1-methyl-7-*isopropyl*-1:2:3:4-tetrahydrophenanthrene, 1791.

**C<sub>18</sub>H<sub>20</sub>O<sub>2</sub>**  $\gamma$ -(6-*iso*Propyl-2-naphthyl)- $\Delta\beta$ -pentenoic acid, 1791.

**C<sub>18</sub>H<sub>20</sub>O<sub>5</sub>** 2:4-Dimethoxyphenyl  $\alpha$ -hydroxy- $\beta$ -methoxy- $\beta$ -phenylethyl ketone, 1802.

**C<sub>18</sub>H<sub>20</sub>O<sub>6</sub>** 2:4-Dimethoxyphenyl-*p*-methoxybenzylglycollic acid, 1805.

**C<sub>18</sub>H<sub>24</sub>O<sub>3</sub>** Ethyl 2- $\beta$ -phenylethyl-4-methylcyclohexanone-2-carboxylate, 2524.

**C<sub>18</sub>H<sub>26</sub>N<sub>2</sub>** Di-*trans*-hexahydro-2-hydrindylidenehydrazine, 2152.

**C<sub>18</sub>H<sub>36</sub>O<sub>2</sub>** Ethyl palmitate, physical properties of, 1697.

**C<sub>18</sub>H<sub>37</sub>I** Octodecyl iodide, equilibrium of, with hexadecyl iodide, 737.

**C<sub>18</sub>H<sub>39</sub>N<sub>3</sub>** *Triisomyl*trimethylenetriamine, and its salts, 1355.

**18 III**

**C<sub>18</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** Phthalylbenzidine, configuration of, 1294.

**C<sub>18</sub>H<sub>14</sub>O<sub>4</sub>N<sub>2</sub>** 1-*o*-Nitrostyrylnorhydrastinine, 2511.

**C<sub>18</sub>H<sub>15</sub>Cl<sub>2</sub>P** Triphenylphosphine dichloride, action of alkylmagnesium iodides on, 337.

**C<sub>18</sub>H<sub>16</sub>O<sub>4</sub>N<sub>2</sub>** 2:7-Diacetamidofluorene-9-carboxylic acid, 2362.

**C<sub>18</sub>H<sub>16</sub>O<sub>5</sub>S<sub>2</sub>** 4-Methanesulphonylphenyl 1-sulphinomethoxy-2-naphthyl ether, 1046.

2-Methoxy-1-naphthyl-4'-methanesulphonylphenylsulphone, 1045.

**C<sub>18</sub>H<sub>16</sub>O<sub>10</sub>N<sub>2</sub>** 4:4'-Dinitrodehydrodivanillin dimethyl ether, 442.

**C<sub>18</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** 4'-Acetamido-3-phenyl-2':4-dimethylphthalaz-1-one, 482.

**C<sub>18</sub>H<sub>17</sub>O<sub>4</sub>N** 5-Methoxy-3- $\beta$ -phenoxyethylindole-2-carboxylic acid, 330.

**C<sub>18</sub>H<sub>17</sub>O<sub>4</sub>N<sub>3</sub>** 1-Hydroxy-4-acetonyl-3-(4'-nitro-2'-methylphenyl)-3:4-dihydro-phthalazine, 480.

**C<sub>18</sub>H<sub>17</sub>O<sub>5</sub>N<sub>3</sub>** Methyl 1-hydroxy-3-(4'-nitro-2'-methylphenyl)-1:3-dihydrophthalazine-4-acetate, 477.

**C<sub>18</sub>H<sub>17</sub>O<sub>6</sub>N<sub>3</sub>** Dinitro-1:3-dimethyl-3- $\beta$ -phenoxyethyl-2-indolinone, 320.

**C<sub>18</sub>H<sub>18</sub>ON<sub>2</sub>** 4-Anilinoethoxyquinaldines, and their salts, 1986.

4-Phenetidinoquinaldines, and their salts, 1985.

**C<sub>18</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** 4-Acetamido-*N*-phenyl-2':3-dimethylphthalimidine, 482.

4-Anisidinomethoxyquinaldines, and their salts, 1985.

**C<sub>18</sub>H<sub>19</sub>ON** 2-*p*-Acetamidophenyltetrahydronaphthalene, 2653.



- C<sub>18</sub>H<sub>19</sub>O<sub>2</sub>N** *ω*-Dimethylamino-*ω*-phenacylacetophenone, 1935.  
1:3-Dimethyl-3-*β*-phenoxyethyl-2-indolinone, 319.  
5-Methoxy-2-methyl-3-*β*-phenoxyethylindole, 329.
- C<sub>18</sub>H<sub>19</sub>O<sub>4</sub>N** *O*-Acetylrhizonamide, 1680.
- C<sub>18</sub>H<sub>21</sub>ON** *ω*-Dimethylamino-*ω*-benzyl-*p*-methylacetophenone, 1929.  
*α*-Dimethylamino-*α*-benzylpropiofenone, picrate of, 1937.  
*ω*-Dimethylamino-*ω*-methylbenzylacetophenones, 66.
- C<sub>18</sub>H<sub>21</sub>ON<sub>3</sub>** 4-Keto-7-methyl-1-ethyl-1:2:3:4-tetrahydrophenanthrene semicarbazone, 2719.  
4-Keto-2:4:7-trimethyl-1:2:3:4-tetrahydrophenanthrene semicarbazone, 2250.
- C<sub>18</sub>H<sub>21</sub>O<sub>2</sub>N** 4-Diethylamino-4'-methoxybenzophenone, 646.  
*ω*-Dimethylamino-*ω*-*m*-methoxybenzylacetophenone, 66.  
*ω*-Dimethylamino-*p*-methoxy-*ω*-benzylacetophenone, 1929.
- C<sub>18</sub>H<sub>21</sub>O<sub>2</sub>N<sub>2</sub>** Substance, from oxidation of substance, C<sub>18</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>, paramagnetism of, 170.
- C<sub>18</sub>H<sub>21</sub>O<sub>3</sub>N** Ethyl *δ*-phthalimido-*α*-acetyl-*β*-methylvalerate, 309.
- C<sub>18</sub>H<sub>21</sub>O<sub>6</sub>N** Ethyl methyl-*β*-phthalimidoethylmalonate, 316.
- C<sub>18</sub>H<sub>21</sub>O<sub>6</sub>Na** Ethyl sodio-*α*-carbethoxy-*β*-phenylglutamate, 2450.
- C<sub>18</sub>H<sub>22</sub>O<sub>2</sub>N** Phenacyl-*m*-methoxybenzylidimethylamine, salts of, 66.
- C<sub>18</sub>H<sub>22</sub>N<sub>2</sub>S** *p*-isoAmyldiphenylthiocarbamide, 2398.
- C<sub>18</sub>H<sub>23</sub>OP** *p*-Phenoxyphenyldi-*n*-propylphosphine, 2882.
- C<sub>18</sub>H<sub>24</sub>O<sub>4</sub>N<sub>2</sub>** *α*-Keto-3-methylcyclopentane-1:1-diacetic acid phenylhydrazone, 1074.
- C<sub>18</sub>H<sub>24</sub>IAs** Di-*β*-phenylethyldimethylarsonium iodide, 2286.
- C<sub>18</sub>H<sub>27</sub>ON** *trans*-Hexahydrohydrindylidenehexahydro-2-hydrindone oxime, 2152.
- C<sub>18</sub>H<sub>27</sub>ClSi** Dicyclohexylphenylsiliclyl chloride, 2208.
- C<sub>18</sub>H<sub>28</sub>OSi** Dicyclohexylphenylsilicol, 2208.

## 18 IV

- C<sub>18</sub>H<sub>15</sub>O<sub>2</sub>N<sub>2</sub>Cl<sub>2</sub>** Ethyl 4:5-diketo-1-(2':5'-dichlorophenyl)pyrazoline-3-carboxylate 4-(2'':5''-dichlorophenylhydrazone), 1024.
- C<sub>18</sub>H<sub>15</sub>ONS** Thiotropinone, 2486.
- C<sub>18</sub>H<sub>14</sub>O<sub>4</sub>N<sub>2</sub>S** *o*-Nitrophenyl-2-acetamido-1-naphthyl sulphoxide, 2776.
- C<sub>18</sub>H<sub>14</sub>O<sub>5</sub>N<sub>2</sub>S** *o*-Nitrophenyl-2-acetamido-1-naphthylsulphone, 2776.
- C<sub>18</sub>H<sub>14</sub>O<sub>6</sub>N<sub>2</sub>Cl** 1-Acetoxy-3-(2'-chloro-4'-nitrophenyl)-1:3-dihydrophthalazine-4-acetic acid, 14.
- C<sub>18</sub>H<sub>14</sub>O<sub>12</sub>N<sub>2</sub>S<sub>3</sub>** 3-Nitro-4-methylbenzoyl-*β*-naphthylamine-4:6:8-trisulphonic acid, sodium salt, 1911.
- C<sub>18</sub>H<sub>14</sub>N<sub>2</sub>Cl<sub>2</sub>Pt** Diquinolinoplatinous chlorides, 2216.
- C<sub>18</sub>H<sub>16</sub>ONBr** 5-Bromo-7-acetyl-8:9:10:11-tetrahydro-*α*'*β*-naphthacarbazole, 2194.  
5-Bromo-11-acetyl-7:8:9:10-tetrahydro-*αβ*-naphthacarbazole, 2195.
- C<sub>18</sub>H<sub>16</sub>O<sub>5</sub>N<sub>2</sub>Cl** Ethyl 1-hydroxy-3-(2'-chloro-4'-nitrophenyl)-1:3-dihydrophthalazine-4-acetate, 14.
- C<sub>18</sub>H<sub>17</sub>ON<sub>2</sub>Cl** 1-Chloro-4-piperidylacridone, 2773.
- C<sub>18</sub>H<sub>17</sub>ON<sub>2</sub>Br** 1-Bromo-4-piperidylacridone, 2773.
- C<sub>18</sub>H<sub>17</sub>O<sub>3</sub>Cl<sub>4</sub>Fe** 4':7-Dimethoxy-8-methylflavylium ferrichloride, 1691.
- C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>NBr<sub>3</sub>** Di-*p*-bromophenacyldimethylammonium bromide, 1935.
- C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>N<sub>2</sub>S** 8-Benzenesulphonyl-*n*-propylaminoquinoline, 2215.
- C<sub>18</sub>H<sub>16</sub>O<sub>4</sub>N<sub>2</sub>Cl** 1-Acetoxy-3-(2'-chloro-4'-aminophenyl)tetrahydrophthalazine-4-acetic acid, 15.
- C<sub>18</sub>H<sub>20</sub>ONBr** *p*-Bromo-*ω*-dimethylamino-*ω*-*p*-methylbenzylacetophenone, 68.

- $C_{18}H_{20}O_2NBr$  *p*-Bromo- $\omega$ -*o*-dimethylamino- $\omega$ -methoxybenzylacetophenone, 66.  
 $C_{18}H_{20}O_4N_2S$  4-*m*-Nitrobenzenesulphonamidophenylcyclohexane, 2650.  
 $C_{18}H_{20}O_4N_2S_2$  2:2'-Diacetamidodianisyl 4:4'-disulphide, 719.  
 $C_{18}H_{20}O_5N_2S$  3-Acetamido-9:10-dimethylphenanthridinium methosulphate, 2228.  
*N*-Benzenesulphonyl-*N*-methylcytisamic acids, 2780.  
 $C_{18}H_{20}O_6N_2S_2$  2-Acetamidoanisyl 4-disulphoxide, 719.  
 $C_{18}H_{21}ONBr$  *p*-Bromophenacyl-*p*-methylbenzylidimethylamine, salts of, 68.  
 $C_{18}H_{21}O_2NBr$  *p*-Bromophenacylmethoxybenzylidimethylamines, salts of, 65.  
 $C_{18}H_{21}O_3N_2Br$  *m*-Nitrophenacylpyridinium bromide, 1155.  
 $C_{18}H_{22}ONBr$  *p*-Methylphenacylbenzylidimethylammonium bromide, 1929.  
 $C_{18}H_{22}ONI$   $\alpha$ -Methylphenacylbenzylidimethylammonium iodide, 1937.  
 $C_{18}H_{22}O_2NBr$  *p*-Methoxyphenacylbenzylidimethylammonium bromide, 1929.

### C<sub>19</sub> Group.

- $C_{19}H_{14}$  Methylbenzanthracenes, 470.  
 $C_{19}H_{20}$  1:4-Dimethyl-7-*isopropyl*phenanthrene, 1791.

### 19 II

- $C_{19}H_{12}O_2$  Methyl-1:2-benzanthraquinones, 470.  
 2-Phenyl-1:4- $\beta$ -naphthapyrone, 2423.  
 $C_{19}H_{14}O_3$  2-Hydroxy-2-phenyl-1:4- $\beta$ -naphthapyranone, 2422.  
 $C_{19}H_{14}O_6$  6:7-Diacetoxy-3-phenylcoumarin, 2421.  
 $C_{19}H_{15}N$  Fluorenylaniline, 1293.  
 $C_{19}H_{16}O$  Benzoyldimethylnaphthalenes, 469.  
 $C_{19}H_{16}O_2$  2- $\beta$ -Phenylpropionyl-1-naphthol, 921.  
 $C_{19}H_{16}O_4$  Dimethoxy-2-styrylchromones, 932.  
 7-Hydroxy-4'-methoxy-2-styryl-3-methylchromone, 928.  
 $C_{19}H_{18}O_4$  2-Hydroxy-3:4-dimethoxycinnamylideneacetophenone, 929.  
 $C_{19}H_{18}O_6$  7:8:3':4'-Tetramethoxyflavone, 1109.  
 $C_{19}H_{18}O_7$  2:4-Dimethoxyphenyl  $\alpha\beta$ -diformoxy- $\beta$ -phenylethyl ketone, 1804.  
 7-Hydroxy-3:3':4':5'-tetramethoxyflavone, 1110.  
 $C_{19}H_{20}O_6$  2:4-Dimethoxyphenyl  $\alpha$ -hydroxy- $\beta$ -acetoxy- $\beta$ -phenylethyl ketone, 1804.  
 $C_{19}H_{20}O_7$  Barbatic acid, 1678.  
 Ethyl evernate, 1395.  
 $C_{19}H_{22}O_5$  2:4-Dimethoxyphenyl  $\alpha$ -hydroxy- $\beta$ -ethoxy- $\beta$ -phenylethyl ketone, 1802.  
 $C_{19}H_{22}O_6$  2:4-Dimethoxyphenyl  $\alpha$ -hydroxy- $\beta$ -methoxy- $\beta$ -*p*-methoxyphenylethyl ketone, 1804.  
 $C_{19}H_{26}O_3$  Ethyl 2-( $\beta$ -2':5'-dimethylphenylethyl)cyclohexanone-2-carboxylate, 2525.  
 Ethyl 2-( $\beta$ -*o*-tolylethyl)-4-methylcyclohexanone-2-carboxylate, 2526.  
 $C_{19}H_{26}O_{12}$  Methyl salicylate  $\beta$ -vicianoside, 2771.  
 $C_{19}H_{26}O_3$  Ethyl 2-( $\beta$ -2':5'-dimethylphenylethyl)cyclohexanol-2-carboxylate, 2525.  
 Ethyl 2-( $\beta$ -*o*-tolylethyl)-4-methylcyclohexanol-2-carboxylate, 2526.  
 $C_{19}H_{28}O_4$  2-Hydroxy-1:2-dihydroeremophilone diacetate, 2757.  
 $C_{19}H_{34}O_7$  *l*-Menthyl hydrogen dipropylmalonate, 2337.

## 19 III

- C<sub>19</sub>H<sub>11</sub>O<sub>4</sub>N<sub>3</sub>** 3-Nitro-9-*o*-nitrophenylphenanthridine, 2228.  
**C<sub>19</sub>H<sub>13</sub>ON** Fluorenylideneaniline oxide, 1293.  
**C<sub>19</sub>H<sub>13</sub>O<sub>4</sub>Cl** 1-Chloro-9-methoxy-9:10-dihydroanthraquinyl-9:10-*endo-α*-*β*-succinic anhydride, 1456.  
**C<sub>19</sub>H<sub>13</sub>O<sub>2</sub>N<sub>3</sub>** 2-*o*-Nitrobenzamido-5-nitrodiphenyl, 2228.  
**C<sub>19</sub>H<sub>14</sub>ON<sub>2</sub>** 9-*o*-Aminobenzoylcarbazole, 2190.  
 Nitrosofluorenylaniline, 1293.  
**C<sub>19</sub>H<sub>15</sub>O<sub>2</sub>N** *α*-2-Naphthoxymethylmandelonitrile, 2422.  
**C<sub>19</sub>H<sub>16</sub>ON<sub>2</sub>** 2-Amino-6-benzoyldiphenylamine, 2191.  
**C<sub>19</sub>H<sub>17</sub>O<sub>4</sub>N** 1-*β*-Piperonylethylnorhydrastinine, 2512.  
**C<sub>19</sub>H<sub>17</sub>O<sub>6</sub>N<sub>3</sub>** 1-Acetoxy-3-(4'-nitro-2'-methylphenyl)-1:3-dihydrophthalazine-4-acetic acid, 477.  
**C<sub>19</sub>H<sub>18</sub>O<sub>9</sub>N<sub>4</sub>** Trinitro-5-methoxy-1:3-dimethyl-3-*β*-phenoxyethyl-2-indolinone, 332.  
**C<sub>19</sub>H<sub>18</sub>O<sub>9</sub>N<sub>8</sub>** 3-Acetyl-1-(2':4'-dinitrophenyl)-4-hydroxymethyl-4-methyl-4:5-dihydropyrazole 2'':4''-dinitrophenylhydrazone, 2672.  
**C<sub>19</sub>H<sub>19</sub>O<sub>2</sub>N** Ethyl 8:9:10:11-tetrahydro-*α*'*β*'-naphthacarbazole-7-carboxylate, 2194.  
**C<sub>19</sub>H<sub>19</sub>O<sub>5</sub>N** *β*-Piperonylpropiono-*β*-piperonylethylamide, 2512.  
**C<sub>19</sub>H<sub>19</sub>O<sub>5</sub>N<sub>3</sub>** Ethyl 1-hydroxy-3-(4'-nitro-2'-methylphenyl)-1:3-dihydrophthalazine-4-acetate, 477.  
**C<sub>19</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>** Akuammicines, and their salts, 2767.  
 4-Anisidinoethoxyquinaldines, 1986.  
 4-Phenetidinomethoxyquinaldines, and their salts, 1985.  
**C<sub>19</sub>H<sub>21</sub>O<sub>2</sub>Tl** (Diethylthalli)dibenzoylmethane, 2739.  
**C<sub>19</sub>H<sub>21</sub>O<sub>4</sub>N<sub>3</sub>** 1-Acetoxy-3-(4'-amino-2'-methylphenyl)tetrahydrophthalazine-4-acetic acid, 478.  
**C<sub>19</sub>H<sub>21</sub>O<sub>7</sub>Br<sub>3</sub>** Tribromobarbaloin trimethyl ether, 2582.  
**C<sub>19</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** 3:4'-Diacetamido-2:4:6-trimethyldiphenyl, 2640.  
**C<sub>19</sub>H<sub>22</sub>O<sub>7</sub>N<sub>2</sub>** Ethyl 4-nitrohydroxyphenyl-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylates, 1117.  
**C<sub>19</sub>H<sub>36</sub>O<sub>2</sub>I<sub>2</sub>** Ethyl di-iodohydrin palmitates, 1976.

## 19 IV

- C<sub>19</sub>H<sub>11</sub>ONCl<sub>4</sub>** *N*-3:5-Dichlorophenylbenziminio-3:5-dichlorophenyl ether, 1773.  
**C<sub>19</sub>H<sub>13</sub>ONCl<sub>2</sub>** *N*-*o*-Chlorophenylbenziminio-*o*-chlorophenyl ether, 1777.  
*N*-3:5-Dichlorophenylbenziminophenyl ether, 1773.  
**C<sub>19</sub>H<sub>16</sub>O<sub>2</sub>N<sub>4</sub>S<sub>2</sub>** 2:2'-Di-imino-4:4'-diketo-3:3'-diphenyl-5:5'-dithiazolidylmethane, 1580.  
**C<sub>19</sub>H<sub>16</sub>O<sub>5</sub>N<sub>2</sub>S** 2-*o*-Nitrophenylacetamido-1-naphthylmethylsulphone, 2777.  
**C<sub>19</sub>H<sub>17</sub>N<sub>3</sub>Cl<sub>2</sub>Pt** Dipyrindinodiquinolinoplatinous chlorides, 2220.  
**C<sub>19</sub>H<sub>18</sub>O<sub>2</sub>NBr** Ethyl 5-bromo-8:9:10:11-tetrahydro-*α*'*β*'-naphthacarbazole-7-carboxylate, 2195.  
**C<sub>19</sub>H<sub>22</sub>ONI** 1:2:3-Trimethyl-3-*β*-phenoxyethylindoleninium iodide, 319.  
**C<sub>19</sub>H<sub>22</sub>O<sub>4</sub>N<sub>2</sub>S** *m*-Nitrobenzenesulphonylcyclohexyl-*p*-toluidine, 2652.  
**C<sub>19</sub>H<sub>23</sub>O<sub>2</sub>NS** 2-*p*-Toluenesulphonamidophenylcyclohexane, 2649.  
*p*-Toluenesulphonylcyclohexylaniline, 2651.  
**C<sub>19</sub>H<sub>26</sub>OIP** *p*-Phenoxyphenyldi-*n*-propylphosphine methiodide, 2882.  
**C<sub>19</sub>H<sub>32</sub>O<sub>5</sub>N<sub>3</sub>As** *p*-Arsonoanilinomalonbisamylamides, 2782.

## 19 V

- C<sub>19</sub>H<sub>21</sub>O<sub>2</sub>N<sub>2</sub>SI** 8-Benzenesulphonylethylamino-1-ethylquinolinium iodide, 2214.  
 8-Benzenesulphonyl-*n*-propylamino-1-methylquinolinium methiodide, 2216.

**C<sub>20</sub> Group.**

- C<sub>20</sub>H<sub>13</sub>N** Iminodinaphthyls, 531.  
**C<sub>20</sub>H<sub>14</sub>O<sub>2</sub>** 3-Benzyl-1:4- $\alpha$ -naphthapyrone, 921.  
 2-Hydroxy-3-benzyl-2:3-dihydro-1:4- $\alpha$ -naphthapyrone, 922.  
 3-Phenylmethyl-1:4- $\alpha$ -naphthapyrones, 922.  
**C<sub>20</sub>H<sub>16</sub>O<sub>3</sub>** 2-Phenylacetyl-1-naphthol acetate, 921.  
**C<sub>20</sub>H<sub>16</sub>O<sub>4</sub>** 7-Acetoxy-2-styryl-3-methylchromone, 928.  
 2-(3':4'-Methylenedioxystryryl)dimethyl-1:4-benzopyrones, 1684.  
**C<sub>20</sub>H<sub>16</sub>N<sub>2</sub>** Diaminonaphthyls, and their picrates, 530.  
**C<sub>20</sub>H<sub>18</sub>O** 1-(3':4'-Dimethylbenzoyl)-2-methylnaphthalene, 469.  
 Toluoyldimethylnaphthalenes, 469.  
**C<sub>20</sub>H<sub>18</sub>O<sub>5</sub>** 7:8:4'-Trimethoxy-2-styrylchromone, 932.  
**C<sub>20</sub>H<sub>18</sub>N<sub>2</sub>** *N*-Methyldiphenylbenzamidine, and its salts, 648.  
**C<sub>20</sub>H<sub>20</sub>O<sub>5</sub>**  $\gamma$ -Keto- $\beta$ -hydroxymethyl- $\beta$ -methylbutyl dibenzoate, 2671.  
**C<sub>20</sub>H<sub>20</sub>O<sub>8</sub>** Methyl *O*-acetylevernate, 1394.  
**C<sub>20</sub>H<sub>22</sub>O<sub>7</sub>** Methyl barbatate, 1679.  
 Pentamethoxybenzoylacetophenone, 1110.  
**C<sub>20</sub>H<sub>26</sub>O<sub>4</sub>** 3:4:3':4'-Tetramethoxy-6'-ethyl- $\alpha\beta$ -diphenylethane, 802.  
**C<sub>20</sub>H<sub>30</sub>O** *trans*-Octahydronaphthyl-2-*trans*- $\beta$ -decalone, 2128.

**20 III**

- C<sub>20</sub>H<sub>10</sub>O<sub>5</sub>Br<sub>2</sub>** Dibromofluorescein, preparation of, 724.  
**C<sub>20</sub>H<sub>13</sub>O<sub>4</sub>N<sub>3</sub>** 15-Nitro-9-nitroso-16-hydroxy-15:16-dihydrophenanthracarbazole, 2875.  
**C<sub>20</sub>H<sub>13</sub>O<sub>6</sub>N<sub>3</sub>** Dinitro-15:16-dihydroxy-15:16-dihydrophenanthracarbazole, 2875.  
**C<sub>20</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>** Nitroaminodinaphthyls, 529.  
 Nitro-2:3-diphenylindole, 2874.  
**C<sub>20</sub>H<sub>14</sub>O<sub>3</sub>N<sub>2</sub>** Nitrohydroxy-15:16-dihydrophenanthracarbazoles, 2874.  
**C<sub>20</sub>H<sub>14</sub>O<sub>4</sub>N<sub>2</sub>** Nitro-15:16-dihydroxy-15:16-dihydrophenanthracarbazole, 2875.  
**C<sub>20</sub>H<sub>15</sub>O<sub>2</sub>N**  $\omega$ -Phthalimido-1:4-dimethylnaphthalene, 2019.  
**C<sub>20</sub>H<sub>16</sub>O<sub>5</sub>N<sub>4</sub>** *o*-2:4-Dinitrophenoxybenzaldehyde methylphenylhydrazone, 955.  
**C<sub>20</sub>H<sub>16</sub>O<sub>12</sub>N<sub>2</sub>** 4:4'-Dinitrodiacetyldehydrodivanillin, 442.  
**C<sub>20</sub>H<sub>17</sub>ON** 2-Benzamido-4-methyldiphenyl, 1893.  
**C<sub>20</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** *N*-Methyldiphenylnitrobenzamidines, and their salts, 649.  
 Phenyl benzyl ketone nitrophenylhydrazones, 2874.  
**C<sub>20</sub>H<sub>17</sub>O<sub>4</sub>N** 4-Nitrocatechol dibenzyl ether, 2879.  
**C<sub>20</sub>H<sub>17</sub>O<sub>6</sub>N** Methyl- $\beta$ -phthalimidoethylcarbonyl hydrogen phthalate, 309.  
**C<sub>20</sub>H<sub>17</sub>N<sub>2</sub>Cl** *N*-Methyldiphenyl-*o*-chlorobenzamidine, and its hydrochloride, 649.  
**C<sub>20</sub>H<sub>17</sub>N<sub>2</sub>Br** *N*-Methyldiphenyl-*p*-bromobenzamidine, and its hydrochloride, 650.  
**C<sub>20</sub>H<sub>18</sub>ON<sub>2</sub>** 4-Phenyl-7-methylcoumarin phenylhydrazone, 1688.  
**C<sub>20</sub>H<sub>18</sub>O<sub>2</sub>N<sub>4</sub>**  $\alpha\beta$ -Di(phenylcarbonyl)phenylhydrazine, 2086.  
**C<sub>20</sub>H<sub>18</sub>O<sub>9</sub>N<sub>2</sub>**  $\gamma$ -Keto- $\beta$ -hydroxymethyl- $\beta$ -methylbutyl di-*p*-nitrobenzoate, 2671.  
**C<sub>20</sub>H<sub>19</sub>O<sub>2</sub>N** 4-Aminocatechol dibenzyl ether, 2879.  
**C<sub>20</sub>H<sub>20</sub>ON<sub>2</sub>** *N*-Methyldiphenyl-*m*-methoxybenzamidine, and its hydrochloride, 649.  
**C<sub>20</sub>H<sub>20</sub>O<sub>8</sub>N<sub>4</sub>** Bishydroxymethyltetrahydro- $\gamma$ -pyrone 2:4-dinitrophenylhydrazone, 2670.  
**C<sub>20</sub>H<sub>21</sub>O<sub>4</sub>N** 1- $\beta$ -3':4'-Dimethoxyphenylethylnorhydrastinine, 2511.  
 6:7-Dimethoxy-1- $\beta$ -piperonyl ethyl-3:4-dihydroisoquinoline, 2512.  
 Ethyl 5-methoxy-3- $\beta$ -phenoxyethylindole-2-carboxylate, 330.

- $C_{20}H_{22}O_2N_2$  4-Phenetidinoethoxyquinaldines, and their salts, 1986.  
 $C_{20}H_{22}O_4N_2$  Akuammenine, picrate of, 2767.  
 Bishydroxymethyltetrahydro- $\gamma$ -pyrone phenylhydrazone, 2670.  
 $C_{20}H_{22}O_4N_4$  Methyl *aa'*-diketoadipate diphenylhydrazone, 2959.  
 $C_{20}H_{22}O_7N_2$  Ethyl 4-(6'-nitro-3'-methoxyphenyl)-2:6-dimethylpyridine-3:5-dicarboxylate, 1117.  
 $C_{20}H_{23}O_2N$  5-Methoxy-1:3-dimethyl-3- $\beta$ -phenoxyethyl-2-methyleneindoline, 331.  
 $C_{20}H_{23}O_5N$   $\beta$ -Piperonylpropiono- $\beta$ -3':4'-dimethoxyphenylethylamide, 2511.  
 $C_{20}H_{24}O_7N_2$  Ethyl 4-(nitromethoxyphenyl)-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylates, 1116.  
 $C_{20}H_{25}ON_3$  4-Keto-1-ethyl-7-*isopropyl*-1:2:3:4-tetrahydrophenanthrene semi-carbazone, 2719.  
 $C_{20}H_{26}O_3N_2$  Echitamidine, and its salts, 2628.  
 $C_{20}H_{27}OP$  *p*-Phenoxyphenyldi-*n*-butylphosphine, 2882.  
 $C_{20}H_{28}O_5N_4$  6-Acetyl-4:9-dimethyl-2-decalol 2:4-dinitrophenylhydrazone, 2753.  
 $C_{20}H_{31}ON$  *trans*-Octahydronaphthyl-2-*trans*- $\beta$ -decalone oxime, 2128.

## 20 IV

- $C_{20}H_{10}OBr_2S$  6:13-Dibromo- $\alpha\beta\alpha'$ -dinaphthathioxin, 640.  
 $C_{20}H_{10}O_2Br_2S$  Dibromodehydro-2-naphthol 1-sulphides, 640.  
 $C_{20}H_{11}OCl_2Br$  1:8-Dichloro-10-bromo-10-phenylanthrone, 508.  
 $C_{20}H_{11}OBrS$  13-Bromo- $\alpha\beta\alpha'$ -dinaphthathioxin, 641.  
 $C_{20}H_{11}O_2BrS$  Bromodehydro-2-naphthol 1-sulphides, 640.  
 $C_{20}H_{12}O_2Br_2S$  3:3'-Dibromo-2-naphthol 1-sulphide, 639.  
 $C_{20}H_{13}O_2BrS$  3-Bromo-2-naphthol 1-sulphide, 640.  
 $C_{20}H_{14}O_6NAS$  7-Benzamidofluorenone-2-*arsonic acid*, and its sodium salt, 1638.  
 $C_{20}H_{15}O_5N_7AS$  7-Phenylcarbamidofluorenone-2-*arsonic acid*, sodium salts, 1639.  
 $C_{20}H_{16}O_4N_4Cl_6$  Ethyl diketosuccinate 2:4:5-trichlorophenylosazone, 1025.  
 $C_{20}H_{17}O_2N_4Br$   $\alpha\beta$ -Di(phenylcarbamyl)-*p*-bromophenylhydrazine, 2087.  
 $C_{20}H_{18}O_4N_4Cl_4$  Ethyl diketosuccinate 2:5-dichlorophenylosazone, 1025.  
 $C_{20}H_{18}O_6N_4S$  2':4'-Dinitro-2-*p*-toluenesulphonamido-4-methyldiphenylamine, 2359.  
 2':4'-Dinitro-2-*p*-toluenesulphonamido-5-methyldiphenylamine, 2359.  
 $C_{20}H_{20}O_4NI$  1- $\beta$ -Piperonylethylnorhydrastinine methiodide, 2512.  
 $C_{20}H_{22}O_4N_4Ni$  Nickel benzylmethylglyoximes, 246.  
 $C_{20}H_{23}O_2N_2I$  Akuammicine methiodide, 2767.  
 $C_{20}H_{24}O_2NI$  5-Methoxy-1:2:3-trimethyl-3- $\beta$ -phenoxyethylindoleninium iodide, 329.  
 $C_{20}H_{24}O_2NS$  *p*-Toluenesulphonylcyclohexyl-*p*-toluidine, 2652.  
 $C_{20}H_{40}O_7AsSb$  Methyltri-*n*-amylarsonium antimonyl *d*-tartrate, 1818.

## 20 V

- $C_{20}H_9OCIBr_2S$  Chloro-6:13-dibromodinaphthathioxin, 640.  
 $C_{20}H_{13}O_{10}N_3S_2Na_2$  Sodium 4-sulpho-5-nitro-2-hydroxy- $\alpha$ -naphthaleneazo- $\beta$ -naphthyl sulphite, 1274.  
 $C_{20}H_{14}O_8N_2S_2Na_2$  Sodium 4-sulpho-2-hydroxy- $\alpha$ -naphthaleneazo- $\beta$ -naphthyl sulphite, 1274.

## 20 VI

- $C_{20}H_{17}O_2NCIS_2As$  Di-*p*-tolyl 4-chloro-3-nitrophenylthioarsinite, 1369.

**C<sub>21</sub> Group.**

- $C_{21}H_{18}$  *iso*Propyl-1:2-benzanthracenes, 464.

## 21 II

- C<sub>21</sub>H<sub>14</sub>O<sub>2</sub>** 2-Styryl-1:4-*a*-naphthapyrone, 931.  
**C<sub>21</sub>H<sub>16</sub>O<sub>2</sub>** 3-Benzyl-2-methyl-1:4-*a*-naphthapyrone, 923.  
 2-Cinnamylideneacetyl-1-naphthol, 928.  
*iso*Propyl-1:2-benzanthraquinones, 464.  
**C<sub>21</sub>H<sub>16</sub>O<sub>4</sub>** 2-Acetoxy-2-phenyl-1:4-*β*-naphthapyranone, 2423.  
**C<sub>21</sub>H<sub>18</sub>O** Diphenyl-*p*-tolylacetaldehyde, 2602.  
*r-p*-Tolyldeoxybenzoin, 2601.  
**C<sub>21</sub>H<sub>18</sub>O<sub>3</sub>** Cuminoylnaphthoic acids, 462.  
 2-*β*-Phenylpropionyl-1-naphthol acetate, 921.  
 4'-*iso*Propyl-1'-naphthoyl-2-benzoic acid, 467.  
**C<sub>21</sub>H<sub>18</sub>O<sub>4</sub>** 9-Methoxy-1:4-dimethyl-9:10-dihydroanthraquinyl-9:10-*endo-αβ*-succinic anhydride, 1457.  
 2-(3':4-Methylenedioxystryryl)-6-methyl-3-ethyl-1:4-benzopyrone, 1182.  
 2-(3':4'-Methylenedioxystryryl)methylethylbenzopyrones, 1686.  
**C<sub>21</sub>H<sub>18</sub>O<sub>5</sub>** 7-Acetoxy-4'-methoxy-2-styryl-3-methylchromone, 928.  
**C<sub>21</sub>H<sub>20</sub>N<sub>2</sub>** *N*-Ethylidiphenylbenzamidine, and its salts, 649.  
**C<sub>21</sub>H<sub>21</sub>N** *αβ*-Diphenylethylmethylaniline, and its hydrochloride, 1938.  
**C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>** Quinoline-2-aldehyde *p*-diethylaminoanil, 723.  
**C<sub>21</sub>H<sub>24</sub>O<sub>7</sub>** Ethyl barbatate, 1679.  
 Methyl *O*-methylbarbatate, 1679.  
**C<sub>21</sub>H<sub>24</sub>O<sub>8</sub>** Hexamethoxy-*ω*-benzoylacetophenone, 1110.  
**C<sub>21</sub>H<sub>24</sub>O<sub>13</sub>** 2-*O*-Tetra-acetyl-*β*-glucosidylphloroglucinaldehyde, 2302.  
**C<sub>21</sub>H<sub>28</sub>N<sub>2</sub>** Dihydrodesmethylenetetrahydromethylstrychnidine-K<sup>6</sup>, 1252.  
**C<sub>21</sub>H<sub>30</sub>O<sub>3</sub>** Ethyl 4-*isopropyl*-2-(*β*-*o*-tolylethyl)*cyclohexan*-1-one-2-carboxylate, 2799.  
**C<sub>21</sub>H<sub>30</sub>O<sub>3</sub>** Ethyl 4-*isopropyl*-2-(*β*-*o*-tolylethyl)*cyclohexan*-1-ol-2-carboxylate, 2800.  
**C<sub>21</sub>H<sub>38</sub>O<sub>4</sub>** *l*-Menthyl hydrogen dibutylmalonate, 2338.

## 21 III

- C<sub>21</sub>H<sub>12</sub>O<sub>8</sub>Br<sub>4</sub>** Triacetyltetrabromoaloe-emodin, 2582.  
**C<sub>21</sub>H<sub>14</sub>O<sub>2</sub>Cl<sub>2</sub>** 1:8-Dichloro-10-methoxy-10-phenylanthrone, 508.  
**C<sub>21</sub>H<sub>16</sub>O<sub>2</sub>N** 3-Benzoyl-9-acetylcarbazole, 2190.  
**C<sub>21</sub>H<sub>17</sub>ON** Fluorenylacetanilide, 1293.  
**C<sub>21</sub>H<sub>17</sub>O<sub>2</sub>N<sub>3</sub>** *α*-Phenylcinnaaldehyde *p*-nitrophenylhydrazone, 749.  
**C<sub>21</sub>H<sub>18</sub>N<sub>3</sub>Cl** 6-Amino-2-(2'-quinolylstryryl)quinoline methochloride, 723.  
**C<sub>21</sub>H<sub>19</sub>O<sub>2</sub>N<sub>3</sub>** *N*-Ethylidiphenylnitrobenzamidines, and their salts, 649.  
**C<sub>21</sub>H<sub>19</sub>N<sub>2</sub>Cl** *N*-Ethylidiphenyl-*o*-chlorobenzamidine, and its hydrochloride, 649.  
**C<sub>21</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>** 5-Ethoxy-3-methyl-3-(*β*-phthalimidoethyl)indolenine, and its salts, 312.  
*NN'*-Phthaloyldinoreserethole, 312.  
**C<sub>21</sub>H<sub>20</sub>O<sub>4</sub>N<sub>2</sub>** 5-Ethoxy-3-methyl-3-(*β*-phthalimidoethyl)indolinone, 313.  
 5-Methoxy-1:3-dimethyl-3-*β*-phthalimidoethyl-2-indolinone, 1435.  
**C<sub>21</sub>H<sub>20</sub>O<sub>2</sub>N<sub>2</sub>** *γ*-Keto-*β*-hydroxymethyl-*β*-methyl-*n*-amyl di-*p*-nitrobenzoate, 2672.  
**C<sub>21</sub>H<sub>21</sub>O<sub>4</sub>N** 2:3:11:12-Tetramethoxydibenzodihydropyrrocoline, 799.  
**C<sub>21</sub>H<sub>21</sub>O<sub>10</sub>Cl** Pelargonenin chloride, 2302.  
**C<sub>21</sub>H<sub>21</sub>O<sub>11</sub>Cl** Cyanenin chloride, 2222.  
**C<sub>21</sub>H<sub>22</sub>ON<sub>2</sub>** *N*-Ethylidiphenyl-*m*-methoxybenzamidine, and its hydrochloride, 649.  
**C<sub>21</sub>H<sub>22</sub>O<sub>2</sub>N<sub>2</sub>** *neo*Strychnine, 772.

- C<sub>21</sub>H<sub>22</sub>O<sub>3</sub>N<sub>2</sub>** *neo*Strychnine *N*-oxide, 773.  
*ψ*-Strychnine, and its salts, 2309.
- C<sub>21</sub>H<sub>24</sub>ON<sub>2</sub>** Desmethyleneanhydrotetrahydromethylstrychnine-K<sup>6</sup>, 1251.  
*neo*Strychnidine, 774.
- C<sub>21</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>** Oxy*neo*strychnidine, 492.
- C<sub>21</sub>H<sub>24</sub>O<sub>3</sub>N<sub>2</sub>** Akuammidine, and its salts, 2764.
- C<sub>21</sub>H<sub>24</sub>O<sub>6</sub>N** Dinitrocannabinol, 1350.
- C<sub>21</sub>H<sub>26</sub>O<sub>2</sub>N** 2-β-Phenylethyl*cyclohexanol* phenylurethane, 2523.
- C<sub>21</sub>H<sub>25</sub>O<sub>4</sub>N** 5:6-Dimethoxy-2-(3':4'-dimethoxy-6'-vinylphenyl)-1-methyldihydro-indole, 800.  
 1-β-3':4'-Dimethoxyphenylethyldihydrohydrastinine, 2511.  
 6:7:3':4'-Tetramethoxy-1-β-phenylethyl-3':4'-dihydro*isoquinoline*, and its picrate, 2512.
- C<sub>21</sub>H<sub>26</sub>ON<sub>2</sub>** Dihydrodesmethyleneanhydrotetrahydromethylstrychnine-K<sup>6</sup>, 1251.
- C<sub>21</sub>H<sub>26</sub>O<sub>2</sub>N<sub>2</sub>** Tetrahydro*neo*strychnine, 774.
- C<sub>21</sub>H<sub>27</sub>O<sub>4</sub>N** 5:6-Dimethoxy-2-(3':4'-dimethoxy-6'-ethylphenyl)-1-methyldihydro-indole, 800.
- C<sub>21</sub>H<sub>28</sub>O<sub>2</sub>N<sub>2</sub>** Hexahydrostrychnine, 775.
- C<sub>21</sub>H<sub>28</sub>O<sub>5</sub>N<sub>4</sub>** 2-Hydroxy-1:2-dihydroeremophilone 2:4-dinitrophenylhydrazone, 2757.  
 2-Hydroxy-ω-dihydroeremophilone 2:4-dinitrophenylhydrazone, 2759.
- C<sub>21</sub>H<sub>30</sub>O<sub>4</sub>N<sub>4</sub>** Tetrahydroeremophilone 2:4-dinitrophenylhydrazone, 2753.
- C<sub>21</sub>H<sub>30</sub>O<sub>5</sub>N<sub>4</sub>** 2-Hydroxytetrahydroeremophilone 2:4-dinitrophenylhydrazone, 2758.
- C<sub>21</sub>H<sub>33</sub>ON<sub>3</sub>** *trans*-Octahydronaphthyl-2-*trans*-β-decalone semicarbazone, 2128.
- C<sub>21</sub>H<sub>40</sub>O<sub>2</sub>I<sub>2</sub>** Ethyl di-iodohydrin stearates, 1977.

## 21 IV

- C<sub>21</sub>H<sub>17</sub>O<sub>5</sub>N<sub>2</sub>As** Fluorenone-7-glycineanilide-2-arsonic acid, and its sodium salt, 1636.
- C<sub>21</sub>H<sub>24</sub>O<sub>4</sub>NI** 1-β-3':4'-Dimethoxyphenylethylnorhydrastinine methiodide, 2511.  
 6:7-Dimethoxy-1-β-piperonylethyl-3:4-dihydro*isoquinoline* methiodide, 2512.
- C<sub>21</sub>H<sub>26</sub>O<sub>4</sub>NI** 3:4-Dihydropapaverine methiodide, 803.
- C<sub>21</sub>H<sub>30</sub>OIP** *p*-Phenoxyphenylmethyl-di-*n*-butylphosphonium iodide, 2883.

C<sub>22</sub> Group.

- C<sub>22</sub>H<sub>14</sub>** 1:2:7:8-Dibenzanthracene, and its picrate, 1479.

## 22 II

- C<sub>22</sub>H<sub>12</sub>O<sub>2</sub>** 1:2:7:8-Dibenzanthraquinone, 1482.
- C<sub>22</sub>H<sub>14</sub>O<sub>3</sub>** 2-Carboxydinaphthyl ketones, 1477.
- C<sub>22</sub>H<sub>16</sub>O<sub>2</sub>** 1:2'-Dinaphthylmethane-2-carboxylic acid, 1478.  
 2-Styryl-3-methyl-1:4-*a*-naphthapyrone, 928.
- C<sub>22</sub>H<sub>16</sub>O<sub>3</sub>** 2-Methoxystyryl-1:4-*a*-naphthapyrones, 931.
- C<sub>22</sub>H<sub>24</sub>O<sub>2</sub>** 4:4-Dibenzyl-1:1-dimethyl*cyclohexane*-3:5-dione, 1083.
- C<sub>22</sub>H<sub>26</sub>O<sub>3</sub>** 2-Benzoyloxyeremophilone, 2755.  
 γ-Dibenzylacetyl-ββ-dimethylbutyric acid, 1083.
- C<sub>22</sub>H<sub>26</sub>O<sub>4</sub>** *l*-Menthyl hydrogen naphthalate, rotation of, in polar and non-polar solvents, 1409.
- C<sub>22</sub>H<sub>28</sub>O<sub>2</sub>** Cannabinol methyl ether, 1348.
- C<sub>22</sub>H<sub>38</sub>N** Aponorconessine, and its picrate, 634.
- C<sub>22</sub>H<sub>35</sub>N** Dihydroaponorconessine, 634.

## 22 III

- $C_{22}H_{16}O_3N_2$  Nitro-1-acetyl-2:3-diphenylindoles, 2874.  
 $C_{22}H_{16}O_4N_2$  Nitroacetoxy-15:16-dihydrophenanthracarbazole, 2875.  
 $C_{22}H_{17}ON$  1-Acetamido-2:2'-dinaphthyl, 532.  
 1-Acetyl-2:3-diphenylindole, 2874.  
 $C_{22}H_{17}O_5N_5$  1-Hydroxy-3-(4'-nitrobenzeneazobenzene)-1:3-dihydrophthalazine-4-acetic acid, 1124.  
 $C_{22}H_{18}O_3N_4$  1-Hydroxy-3-(benzeneazobenzene)-1:3-dihydrophthalazine-4-acetic acid, 1122.  
 $C_{22}H_{19}ON$  Piperidinobenzanthrone, 1262.  
 $C_{22}H_{20}O_6N_4$  2-(2':4'-Dinitrophenoxy)-3-ethoxybenzaldehyde methylphenylhydrazone, 955.  
 $C_{22}H_{21}O_3N$  4-Acetamidocatechol dibenzyl ether, 2879.  
 $C_{22}H_{21}O_7N$  Ethyl 2-aldehyde-4:5-dimethoxyphenoxyacetate azlactone, 1387.  
 $C_{22}H_{22}ON_2$  1-Benzamido-4-piperidinonaphthalene, 1259.  
 $C_{22}H_{22}O_6N_2$  5-Ethoxy-3-methyl-( $\beta$ -*o*-carboxybenzamidoethyl)indolenine-2-carboxylic acid, and its potassium salt, 311.  
 $C_{22}H_{22}O_9N_2$  Nitro- $\psi$ -gnoscopine, 1373.  
 $C_{22}H_{23}O_7N$   $\beta$ - $\psi$ -Gnoscopine, 1375.  
 $C_{22}H_{24}O_2N_2$  3-Methylcyclopentanespirocyclopropane-2':3'-dicarboxyanilides, 1071.  
 $C_{22}H_{24}O_3N$  *N*-Methylchano- $\psi$ -strychnine, and its salts, 2309.  
 $C_{22}H_{24}O_4N_2$  Akuammiline, and its salts, 2765.  
 $C_{22}H_{24}O_7N_2$  Amino- $\psi$ -gnoscopines, 1374.  
 $C_{22}H_{26}ON_2$  Anhydrotetrahydromethylstrychnine- $K^5$ , 1250.  
 $C_{22}H_{26}O_3N_2$  Akuammigines, and their salts, 2766.  
 $C_{22}H_{26}O_4N_4$  Ethyl *aa'*-diketoadipate diphenylhydrazone, 2959.  
 $C_{22}H_{26}O_6N$  Dinitrocannabinol methyl ether, 1349.  
 $C_{22}H_{26}O_7N_2$  2-Hydroxy-1:2-dihydroeremophilone 3:5-dinitrobenzoate, 2757.  
 $C_{22}H_{27}O_4N$  6-Dimethylamino-3:4:3':4'-tetramethoxy-6'-vinylstilbene, 801.  
 $C_{22}H_{28}O_6N_3$  Nitroakuammine, hydrochloride of, 2764.  
 $C_{22}H_{28}ON_2$  Dihydroanhydrotetrahydromethylstrychnine- $K^5$ , 1250.  
 $C_{22}H_{28}O_2N_2$  Tetrahydromethylstrychnine- $K$ , 1243.  
 $C_{22}H_{28}O_4N$  6:7:3':4'-Tetramethoxy-1- $\beta$ -phenylethyl-3:4-dihydroisoquinoline methiodide, 2512.  
 $C_{22}H_{28}O_4N_2$  Echitamine, and its salts, 2630.  
 $C_{22}H_{28}O_6N_2$  Dihydroeremophilol 3:5-dinitrobenzoate, 2753.  
 $C_{22}H_{28}O_4N$  6-Dimethylamino-3:4:3':4'-tetramethoxy-6'-ethylstilbene, 801.  
 $C_{22}H_{30}ON_2$  Tetrahydroanhydrotetrahydromethylstrychnine- $K^5$ , 1250.  
 Tetrahydromethylstrychnidine- $K$ , 1246.  
 $C_{22}H_{31}O_4N$  6-Dimethylamino-3:4:3':4'-tetramethoxy-6'-ethyl- $\alpha\beta$ -diphenylethane, 802.  
 $C_{22}H_{31}N_2I$  Dihydrodesmethylenetetrahydromethylstrychnidine- $K^6$  methiodide, 1252.  
 $C_{22}H_{42}O_4S_2$   $\kappa$ -Disulphidoundecioic acid, 596.

## 22 IV

- $C_{22}H_{14}ONCl$  Chlorocyano-10-benzylanthrones, 508.  
 $C_{22}H_{14}O_2N_2Cl_4$  Diketosuccinophenylhydrazide 2:5-dichlorophenylosazone, 1024.  
 $C_{22}H_{17}O_3NS_2$  4-Chlorosulphonylphenyl-2-hydroxy-1-naphthylsulphonanilide, 1043.  
 $C_{22}H_{17}O_4N_4Cl$  1-Hydroxy-3-(2'-chloro-4'-nitrophenyl)-1:3-dihydrophthalazine-4-acetanilide, 15.



- C<sub>22</sub>H<sub>17</sub>O<sub>5</sub>NS<sub>2</sub>** 2-Hydroxy-1-naphthylphenylsulphone-4'-sulphonanilide, 1043.  
**C<sub>22</sub>H<sub>17</sub>O<sub>7</sub>N<sub>5</sub>S** 3-(4'-Nitrobenzeneazobenzene)-1:3-dihydrophthalazine-1-sulphonic-4-acetic acid, sodium hydrogen salt, 1122.  
**C<sub>22</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>S** 8-Benzenesulphonylbenzylaminoquinoline, 2216.  
**C<sub>22</sub>H<sub>18</sub>O<sub>4</sub>N<sub>4</sub>S** 3-(Benzeneazobenzene)-1:3-dihydrophthalazine-1-sulphonic-4-acetic acid, salts, 1121.  
**C<sub>22</sub>H<sub>20</sub>O<sub>4</sub>N<sub>2</sub>S** *m*-Nitrobenzenesulphonamidophenyltetrahydronaphthalene, 2653.  
**C<sub>22</sub>H<sub>22</sub>ONBr** Phenylidibenzylmethylammonium bromide, 1938.  
**C<sub>22</sub>H<sub>22</sub>O<sub>7</sub>NI** Iodo- $\beta$ - $\psi$ -gnoscopine, 1375.  
**C<sub>22</sub>H<sub>25</sub>O<sub>2</sub>N<sub>2</sub>Cl** Methylneostrychninium chloride, 771.  
**C<sub>22</sub>H<sub>25</sub>O<sub>2</sub>N<sub>2</sub>I** Methylneostrychninium iodide, 771.  
**C<sub>22</sub>H<sub>27</sub>ONBr<sub>2</sub>**  $\alpha$ -Phenyl- $\beta$ -piperidinopropane  $\beta$ -bromophenacylbromide, 2611.  
**C<sub>22</sub>H<sub>27</sub>ON<sub>2</sub>I** Desmethyleneanhydrotetrahydromethylstrychnine-K<sup>6</sup> methiodide, 1251.  
**C<sub>22</sub>H<sub>27</sub>O<sub>3</sub>N<sub>2</sub>I** Akuammidine methiodide, 2765.  
**C<sub>22</sub>H<sub>28</sub>O<sub>4</sub>NI** 2:3:11:12-Tetramethoxy-8-methylidibenzotetrahydropyrrocolinium iodide, 799.  
**C<sub>22</sub>H<sub>29</sub>O<sub>2</sub>N<sub>2</sub>Cl** Tetrahydrostrychnine methochloride, 497.  
 Tetrahydroneostrychnine methochloride, 499.  
**C<sub>22</sub>H<sub>29</sub>O<sub>2</sub>N<sub>2</sub>I** Tetrahydrostrychnine methiodide, 497.  
 Tetrahydroneostrychnine methiodide, 499.

## 22 V

- C<sub>22</sub>H<sub>15</sub>O<sub>10</sub>N<sub>3</sub>Na<sub>3</sub>** Sodium *p*-sulphobenzeneazobenzeneazo-8-sulpho- $\beta$ -naphthyl sulphite, 1269.  
**C<sub>22</sub>H<sub>16</sub>O<sub>10</sub>N<sub>3</sub>Na<sub>3</sub>** Sodium 4'-aminodiphenylazodisulpho- $\beta$ -naphthyl sulphites, 1269.  
**C<sub>22</sub>H<sub>17</sub>O<sub>9</sub>N<sub>3</sub>Na<sub>2</sub>** Sodium 4'-aminodiphenylazo-8-sulpho- $\beta$ -naphthyl sulphite, 1269.  
**C<sub>22</sub>H<sub>18</sub>O<sub>4</sub>N<sub>3</sub>SNa** Sodium 4'-aminodiphenylazo- $\beta$ -naphthyl sulphite, 1270.  
**C<sub>22</sub>H<sub>22</sub>O<sub>2</sub>NS<sub>2</sub>As** Di-*p*-tolyl 3-acetamido-4-hydroxythioarsinite, 1369.

C<sub>23</sub> Group.

- C<sub>23</sub>H<sub>10</sub>O<sub>3</sub>** 1':3'-Naphtha-3:4-pyrene-5:9:10-trione, 1484.  
**C<sub>23</sub>H<sub>12</sub>O** 1':3'-Naphtha-3:4-pyren-5-one, 1484.  
**C<sub>23</sub>H<sub>16</sub>O<sub>3</sub>** 3-Benzoyl-6-methylflavone, 1183.  
**C<sub>23</sub>H<sub>18</sub>O** Benzylidenedimethylantrones, 1458.  
**C<sub>23</sub>H<sub>18</sub>O<sub>2</sub>** 2:4:6-Triphenylpyrylium hydroxide, salts of, 2897.  
**C<sub>23</sub>H<sub>18</sub>O<sub>3</sub>** 4'-Methoxy-2-styryl-3-methyl-1:4-*a*-naphthapyrone, 928.  
**C<sub>23</sub>H<sub>18</sub>O<sub>4</sub>** 2-(3':4'-Dimethoxystyryl)-1:4-*a*-naphthapyrone, 931.  
**C<sub>23</sub>H<sub>20</sub>O<sub>4</sub>** Cuminoylnaphthoic acetoxylactones, 463.  
**C<sub>23</sub>H<sub>22</sub>O<sub>6</sub>** Rotenone, 1380.  
**C<sub>23</sub>H<sub>28</sub>O<sub>4</sub>** *l*-Menthyl methyl naphthalate, rotation of, in mixed solvents, 1400.  
**C<sub>23</sub>H<sub>28</sub>O<sub>7</sub>** Ethyl *O*-diethyleverate, 1392.  
**C<sub>23</sub>H<sub>38</sub>N<sub>2</sub>** Norconessine, and its salts, 633.

## 23 III

- C<sub>23</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>** Ciba yellow 3G, 2786.  
**C<sub>23</sub>H<sub>16</sub>O<sub>6</sub>N<sub>2</sub>** 2:6-Di-*m*-nitrophenyl-4-phenylpyrylium hydroxide, salts of, 2899.  
**C<sub>23</sub>H<sub>17</sub>O<sub>4</sub>N** Nitrophenyl-2:6-diphenylpyrylium hydroxides, salts of, 2898.  
**C<sub>23</sub>H<sub>18</sub>O<sub>2</sub>N<sub>2</sub>** Ethyl 4(or 6)-nitro-2:3-diphenylindole-1-carboxylate, 2875.  
**C<sub>23</sub>H<sub>19</sub>O<sub>2</sub>N** Ethyl 2:3-diphenylindole-1-carboxylate 2875.

- $C_{23}H_{20}O_2N_2$  2-(2':4'-Dimethoxyphenyl)-3-benzylquinoxaline, 1803.  
 $C_{23}H_{20}O_3N_4$  Methyl 1-hydroxy-3-(benzeneazobenzene)-1:3-dihydrophthalazine-4-acetate, 1122.  
 $C_{23}H_{20}O_4N_4$  1-Hydroxy-3-(4'-nitro-2'-methylphenyl)-1:3-dihydrophthalazine-4-acetanilide, 477.  
 $C_{23}H_{22}N_2S$   $\alpha$ -Phenyl- $\beta$ -(*p*-tetrahydronaphthylphenyl)thiocarbamide, 2653.  
 $C_{23}H_{25}O_{12}Cl$  Malvenin chloride, 2224.  
 $C_{23}H_{26}O_3N_2$  *des-N:O*-Dimethyl- $\psi$ -strychninium hydroxide, 2309.  
 $C_{23}H_{26}O_4N_2$  Acetylakuummidine, 2765.  
*neo*Brucine, 779.  
 $C_{23}H_{27}O_2N_5$  Ethyl  $\xi$ -cyano- $\beta\epsilon$ -diketo-octoate diphenylhydrazone, 2430.  
 $C_{23}H_{26}O_3N_2$  Methoxymethyldihydro*neo*strychnine, 770.  
 $C_{23}H_{28}O_4N_2$  Dihydrobrucine, 780.  
 $C_{23}H_{30}O_3N_2$  Dihydropmethoxymethyldihydro*neo*strychnine, 770.  
 Oxymethoxymethyldihydro*neo*strychnidine, 495.  
 $C_{23}H_{36}NI$  Aponorconessine methiodide, 634.  
 $C_{23}H_{40}O_2N_2$  Dihydroxynorconessine, 633.

## 23 IV

- $C_{23}H_{11}O_2N_2Cl$  Chloro-Ciba yellow 3G, 2786.  
 $C_{23}H_{16}ONBr$  5-Bromo-7-benzoyl-8:9:10:11-tetrahydro- $\alpha'\beta'$ -naphthacarbazole, 2194.  
 5-Bromo-11-benzoyl-7:8:9:10-tetrahydro- $\alpha\beta$ -naphthacarbazole, 2195.  
 $C_{23}H_{19}O_2N_2I$  4-Phenyl-2-*o*-hydroxystyrylquinazoline methiodide, 257.  
 $C_{23}H_{19}O_3NS$  4-Methylanilinosulphonylphenyl 2-naphthyl ether, 1045.  
 $C_{23}H_{19}O_3NS_2$  4-Chlorosulphonylphenyl-2-hydroxy-1-naphthylmethylsulphonanilide, 1043.  
 $C_{23}H_{19}O_5NS_2$  2-Hydroxy-1-naphthylphenylsulphone-4'-sulphonmethylanilide, 1043.  
 $C_{23}H_{19}O_6N_2As$  Fluorenone-7-glycine-*p*-acetophenonylamide-2-arsonic acid, and its sodium salt, 1637.  
 $C_{23}H_{20}ON_3Cl$  6-Acetamido-2-(2'-quinolylstyryl)quinoline methochloride, 723.  
 $C_{23}H_{27}O_2N_2I$  Oxymethyl*neo*strychnidinium iodide, 496.  
 $C_{23}H_{27}O_3N_2I$  *O*-Methyl- $\psi$ -strychnine methiodide, 2309.  
 $C_{23}H_{27}O_4N_2I$  Akuammiline methiodide, 2766.  
 $C_{23}H_{29}ON_2Cl$  Ethyl*neo*strychnidinium chloride, 493.  
 $C_{23}H_{29}ON_2I$  Ethyl*neo*strychnidinium iodide, 493.  
 Strychnidine ethiodide, 492.  
 $C_{23}H_{29}O_3N_2I$   $\psi$ -Akuammigine methiodide, 2767.  
 $C_{23}H_{32}O_6N_2S$  Tetrahydrostrychnine methosulphate, 497.  
 $C_{23}H_{33}O_5N_2I$  Akuammine hydrate methiodide, 2764.

## 23 V

- $C_{23}H_{21}O_2N_2SI$  8-Benzenesulphonylbenzylamino-1-methylquinolinium iodide, 2216.  
 $C_{23}H_{22}O_2N_2CII$  10-Chloro-1:1'-diethylxadicarbocyanine iodide, 266.  
 $C_{23}H_{22}N_9CIIIS_2$  10-Chloro-1:1'-diethylthiodicarbocyanine iodide, 266.  
 $C_{23}H_{22}N_2BrIS_2$  10-Bromo-1:1'-diethylthiodicarbocyanine iodide, 266.

 $C_{24}$  Group.

- $C_{24}H_{12}O_3$  1':3'-Naphtha-3:4-pyren-5-one-10-carboxylic acid, 1485.  
 $C_{24}H_{14}O_4$  1:2:7:8-Dibenzanthracene-4:5-dicarboxylic acid, 1482.

- $C_{24}H_{16}O_2$  1:2:7:8-Dibenzanthranil 10-acetate, 1479.  
 $C_{24}H_{16}O_5$   $\alpha$ -*o*-Hydroxybenzylidene-10-carboxy-2-phenanthrylacetic acid, 1483.  
 $C_{24}H_{18}O_2$  2:2'-Diphenoxydiphenyl, 282.  
 4:4'-Diphenoxydiphenyl, 2881.  
 $C_{24}H_{20}O_4$  2-(3':4'-Dimethoxystyryl)-3-methyl-1:4-*a*-naphthapyrone, 931.  
 $C_{24}H_{27}N_3$  Tribenzyltrimethylenetriamine, 1356.  
 $C_{24}H_{27}As$  Tri- $\beta$ -phenylethylarsine, 2288.  
 $C_{24}H_{32}O_{16}$  Hexa-acetyl difructofuranose 1:2-anhydride, 2390.

## 24 III

- $C_{24}H_{16}O_8N_2$  Di-*o*-nitrobenzylidene-*m*-phenylenediacetic acid, 1480.  
 $C_{24}H_{18}O_2Hg$  Mercury bis-*p*-diphenyl ether, 2882.  
 $C_{24}H_{18}O_5N_4$  2-Phenylacetyl-1-naphthol 2:4-dinitrophenylhydrazone, 921.  
 $C_{24}H_{19}O_2N$  Methylnaphthylidene- $\omega$ -nitrodimethylnaphthalene, 2018.  
 $C_{24}H_{20}O_2N_2$  Diacetamidodinaphthyls, 530.  
 $C_{24}H_{20}O_4N_2$  Di-*o*-aminobenzylidene-*m*-phenylenediacetic acid, 1481.  
 $C_{24}H_{21}O_8N$  2:3:11:12-Tetra-acetoxydibenzodihydropyrrocoline, 798.  
 $C_{24}H_{22}O_3N_2$  2-(2':4'-Dimethoxyphenyl)-3-*p*-methoxybenzylquinoxaline, 1805.  
 $C_{24}H_{22}O_3N_4$  Ethyl 1-hydroxy-3-(benzeneazobenzene)-1:3-dihydrophthalazine-4-acetate, 1122.  
 $C_{24}H_{25}O_8N$  2:3:11:12-Tetra-acetoxydibenzotetrahydropyrrocoline, 797.  
 $C_{24}H_{26}O_5N_2$  Ethyl 5-ethoxy-3-methyl-3-( $\beta$ -phthalimidoethyl)indolenine-2-carboxylate, 310.  
 $C_{24}H_{26}O_9N_2$  Acetamido- $\psi$ -gnoscopines, 1374.  
 $C_{24}H_{26}O_5N_3$  Ethyl  $\delta$ -phthalimido- $\alpha$ -keto- $\beta$ -methylvalerate *p*-ethoxyphenylhydrazone, 310.  
 $C_{24}H_{27}O_{12}Cl$  3- $\beta$ -Glucosidylhirsutidin chloride, 2296.  
 $C_{24}H_{32}O_2N_2$  Methoxyethyl-dihydro $\epsilon$ strychnidine, 492.  
 $C_{24}H_{34}O_2N_2$  Methoxyethyl-tetrahydrostrychnidine, 493.  
 $C_{24}H_{45}ON$  Dehydroergostenone oxime, 2403.

## 24 IV

- $C_{24}H_{16}O_8N_4Si$  Tetra-*m*-nitrotetraphenylsilicane, 2292.  
 $C_{24}H_{16}O_{16}N_2S_2$  Phenyl 4:4'-dinitrodiphenyl-2:2'-disulphonate, 2025.  
 $C_{24}H_{20}ONI$  4-Phenyl-2-*p*-hydroxystyrylquinoline methiodide, 257.  
 $C_{24}H_{20}O_6N_2S_2$  *dl*-Phenyl benzidine-2:2'-disulphonate, optical resolution of, 2021.  
 $C_{24}H_{21}O_5NS$  Dipiperonylideneethiotropinone, 2486.  
 $C_{24}H_{21}O_5NSE$  Dipiperonylideneselenotropinone, 2487.  
 $C_{24}H_{27}O_3N_6As$  Tri(phenylglycineamide)arsine, 2508.  
 $C_{24}H_{27}O_4N_6As$  Tri(phenylglycineamide)arsine oxide, 2508.  
 $C_{24}H_{29}O_4N_2I$  Methyl $\epsilon$ obrucinium iodide, 779.

## 24 V

- $C_{24}H_{22}O_3NSAs$  Triphenylarsinehydroxybenzenesulphonamide, 970.  
 $C_{24}H_{22}O_4N_3SNa$  Sodium *p*-aminoditolylazo- $\beta$ -naphthyl sulphite, 1271.

 $C_{25}$  Group.

- $C_{25}H_{14}O_3$  Methyl 1':3'-naphtha-3:4-pyren-5-one-10-carboxylate, 1483.  
 $C_{25}H_{16}O_2$  2:3-Diphenyl- $\alpha$ -naphthapyrones, 923.  
 $C_{25}H_{18}O_3$  2-Phenylacetyl-1-naphthol benzoate, 921.  
 $C_{25}H_{19}N_3$  3-Benzoylcarbazole phenylhydrazone, 2190.

- $C_{25}H_{20}O_{12}$  Penta-acetoxyflavones, 1110.  
 $C_{25}H_{21}N_3$  Piperidino-*as*- $\alpha\beta$ -dinaphthazine, 1259.  
 $C_{25}H_{22}O_2$  4-Phenyl-2:6-di-*p*-tolylpyrylium hydroxide, salts of, 2901.

25 III

- $C_{25}H_{16}N_2Cl_4$  Di-(3:5-dichlorophenyl)phenylbenzenylamidines, 1773.  
 $C_{25}H_{16}N_2Cl_2$  *NN'*-Di-*o*-chlorophenyl-*N*-phenylbenzenylamidine, 1776.  
 Diphenyl-3:5-dichlorophenylbenzenylamidines, 1773.  
 $C_{25}H_{19}N_2Cl$  Diphenyl-*o*-chlorophenylbenzenylamidines, 1776.  
 $C_{25}H_{20}ON_2$  Benzoyl-*NN'*-diphenyl-*o*-phenylenediamine, 1777.  
 $C_{25}H_{20}O_5N_4$  2- $\beta$ -Phenylpropionyl-1-naphthol 2:4-dinitrophenylhydrazone, 921.  
 $C_{25}H_{20}N_3I$  4-Phenyl-2:3'-indolylvinylquinazoline methiodide, 259.  
 $C_{25}H_{24}O_5N_2$  Dipiperonylidene-*N*-methylaztropinone, 2487.  
 $C_{25}H_{24}N_3I$  4-Phenyl-2-*p*-dimethylaminostyrylquinazoline methiodide, 257.  
 $C_{25}H_{29}O_4N_5$  Ethyl  $\alpha$ -cyano- $\beta\epsilon$ -diketosuberate diphenylhydrazone, 2429.  
 $C_{25}H_{30}IAs$  Tri- $\beta$ -phenylethylarsine methiodide, 2289.  
 $C_{25}H_{32}O_5N_2$  Methoxymethylidihydroneobrucine, 779.  
 $C_{25}H_{44}N_2I_2$  Norconessine dimethiodide, 633.

25 IV

- $C_{25}H_{19}ON_2Cl$  Benzoyl-*N*-phenyl-*N'*-*o*-chlorophenyl-*o*-phenylenediamine, 1777.  
 $C_{25}H_{19}O_{13}N_3S_3$  3'-Nitrobenzoyl-3-amino-4-methylbenzoyl- $\beta$ -naphthylamine-4:6:8-trisulphonic acid, sodium salt, 1911.  
 3'-Nitro-4'-methylbenzoyl-3-aminobenzoyl- $\beta$ -naphthylamine-4:6:8-trisulphonic acid, sodium salt, 1911.  
 $C_{25}H_{20}N_4Cl_4Pd_2$  Tetrapyridinopalladium chloropalladite, 1904.  
 $C_{25}H_{22}ONI$  4-Phenyl-2-*p*-hydroxystyrylquinoline ethiodide, 258.  
 $C_{25}H_{35}O_2N_2I$  Methoxyethylidihydroneostrychnidine methiodide, 492.

$C_{26}$  Group.

- $C_{26}H_{24}$  1-*iso*Propenylnaphthalene, dimeride of, 466.

26 II

- $C_{26}H_{20}O_3$  2- $\beta$ -Phenylpropionyl-1-naphthol benzoate, 921.  
 $C_{26}H_{24}O_2$  1-Phenyl-4:4-dibenzylcyclohexane-3:5-dione, 1085.  
 $C_{26}H_{26}O_3$   $\gamma$ -Dibenzylacetyl- $\beta$ -phenylbutyric acid, 1085.

26 III

- $C_{26}H_{16}OCl_2$  1:8-Dichloro-10:10-diphenylanthrone, 508.  
 $C_{26}H_{17}O_2N$  Dibenzoylcarbazoles, 2190.  
 $C_{26}H_{17}O_2N_3$  5:4'-Dibenzoyl-1-phenylbenzotriazole, 2191.  
 $C_{26}H_{18}O_4N_2$  2-Nitro-4:4'-dibenzoyldiphenylamine, 2191.  
 $C_{26}H_{20}O_2N_2$  2-Amino-4:4'-dibenzoyldiphenylamine, 2191.  
 $C_{26}H_{21}N_2I$  4-Phenyl-2:3'-indolylvinylquinoline methiodide, 259.  
 $C_{26}H_{25}O_5N$  Dipiperonylidene-*N*-methylhomogranatonine, 1431.  
 $C_{26}H_{25}N_2I$  4-Phenyl-2-*p*-dimethylaminostyrylquinoline methiodide, 257.  
 $C_{26}H_{26}N_2I_2$  2:2'-Divinylenediquinoline 1:1'-diethiodide, 238.  
 $C_{26}H_{27}O_6N$  Penta-acetyltetrahydropapa verine, 804.  
 $C_{26}H_{31}O_4N_5$  Ethyl  $\alpha$ -cyano- $\beta\zeta$ -diketoazelate diphenylhydrazone, 2432.  
 Ethyl  $\alpha$ -cyano- $\beta\epsilon$ -diketo- $\alpha$ -methylsuberate diphenylhydrazone, 2430.  
 $C_{26}H_{33}O_4N_3$  Di-(5-methoxy-1:3-dimethyl-2-indolinone-3- $\beta$ -ethyl)amine, 1435.

## 26 IV

- $C_{26}H_{20}O_6N_2S_2$  Di-4-*p*-nitrophenoxydi-*m*-tolyl disulphide, 1491.  
 $C_{26}H_{21}O_{13}N_3S_3$  3'-Nitro-4'-methylbenzoyl-3-amino-4-methylbenzoyl- $\beta$ -naphthylamine-4:6:8-trisulphonic acid, sodium salt, 1911.  
 $C_{26}H_{24}ONI$  4-Phenyl-2-*p*-methoxystyrylquinoline ethiodide, 258.  
 $C_{26}H_{24}O_4NCl$  Substance, from reduction of *p*-chloronitrobenzene by acetaldehyde, 888.

## 26 V

- $C_{26}H_{16}O_2NBrS$  3-Bromo-4-anilinodehydro-2-naphthol 1-sulphide, 641.  
 $C_{26}H_{17}ON_2BrS$  3'-Bromodehydro-2-naphthol 1-sulphide phenylhydrazone, 640.  
 $C_{26}H_{95}O_{13}N_7S_2As$  Di(glutathionyl)3-amino-4-hydroxyphenylthioarsinite, 2510.

 $C_{27}$  Group.

- $C_{27}H_{42}$  Ergostatriene-D, 1707.  
 $C_{27}H_{44}$  Dehydroergostene, 1714.  
 $\alpha$ - and  $\beta$ -Ergostadienes, 1706.  
 $C_{27}H_{46}$   $\alpha$ -Ergostene, 1707.  
 $\beta$ -Ergostene, 1709.

## 27 II

- $C_{27}H_{16}O_2$  3-Phenyl-2-styryl-1:4- $\alpha$ -naphthapyrone, 925.  
 $C_{27}H_{42}O_2$   $\alpha$ -Ergostenedione, 1704.  
 $C_{27}H_{43}Cl$   $\alpha$ -Ergostadienyl chloride, 1706.  
 $C_{27}H_{44}O_2$   $\alpha$ -Ergostenonol, 1703.  
 $C_{27}H_{46}Cl$   $\alpha$ -Ergostenyl chloride, 1707.  
 $C_{27}H_{46}O$  Ergostene oxides, 1714.  
 $\beta$ -Ergostenol, 1709.  
 $C_{27}H_{46}O_2$  Ergostenyl oxides, 1712.

## 27 III

- $C_{27}H_{16}O_2Br_2$  3-Phenyl-2-styryl-1:4- $\alpha$ -naphthapyrone bromide, 929.  
 $C_{27}H_{18}O_3N_2$  Nitro-1-benzoyl-2:3-diphenylindole, 2875.  
 $C_{27}H_{19}ON$  1-Benzoyl-2:3-diphenylindole, 2875.  
 $C_{27}H_{26}O_2N_2$  Benzylideneneostrychnine, 773.  
 $C_{27}H_{27}N_2I$  4-Phenyl-2-*p*-dimethylaminostyrylquinoline ethiodide, 257.  
 $C_{27}H_{29}NI$  1:1'-Diisopropyl-2:2'-carbocyanine iodide, 259.  
 $C_{27}H_{30}O_4S$  Benzenesulphonylcannabinol, 1347.  
 $C_{27}H_{31}O_{16}Cl$  Pelargonin chloride, 2491.  
 $C_{27}H_{31}O_{16}Cl$  Cyanin chloride, 2494.

## 27 IV

- $C_{27}H_{16}O_6N_2As_2$  7-Ureidoaminofluorenone-2-arsonic acid, and its sodium salt, 1639.  
 $C_{27}H_{26}O_2N_2I$  11-Nitro-1:1'-diethyl-2:2'-dicarbocyanine iodide, 265.  
 $C_{27}H_{26}N_2ClI$  11-Chloro-1:1'-diethyldicarbocyanine iodides, 265.  
 $C_{27}H_{26}N_2BrI$  11-Bromo-1:1'-diethyldicarbocyanine iodide, 265.  
 $C_{27}H_{26}O_6NS$  *m*-Nitrobenzenesulphonylcannabinol, 1347.  
 $C_{27}H_{30}O_2N_3I$  10-Nitro-1:1':3:3':3':3'-hexamethylindodicarbocyanine iodide, 265.  
 $C_{27}H_{30}N_2ClI$  10-Chloro-1:1':3:3':3':3'-hexamethylindodicarbocyanine iodide, 264.  
 $C_{27}H_{30}N_2BrI$  10-Bromo-1:1':3:3':3':3'-hexamethylindodicarbocyanine iodide, 264.

 $C_{28}$  Group.

- $C_{28}H_{20}O_2$  3-Benzyl-2-styryl-1:4- $\alpha$ -naphthapyrone, 925.  
 $C_{28}H_{20}O_3$  3-Phenyl-2-methoxystyryl-1:4- $\alpha$ -naphthapyrones, 929.  
 $C_{28}H_{42}O$  Methoxydehydroergostatriene, 271.

$C_{28}H_{44}O$  Dehydroergostenone, 2403.

Methoxyergostatrienes, 270.

$C_{28}H_{46}O$  Methoxy- $\alpha$ -ergostadiene, 272.

$C_{28}H_{48}O$  Methoxyergostenes, 272.

### 28 III

$C_{28}H_{18}O_2N$  3:6-Dibenzoyl-9-acetylcarbazole, 2190.

$C_{28}H_{20}O_2Br_2$  3-Benzyl-2-styryl-1:4- $\alpha$ -naphthapyrone dibromide, 930.

$C_{28}H_{24}O_8N_2$  Diethyl di- $\alpha$ -o-nitrobenzylidene- $m$ -phenylenediacetate, 1481.

$C_{28}H_{26}O_4N_2$  Benzoylakuummidine, 2765.

$C_{28}H_{32}O_2N_2$  Benzylstrychnidinium hydroxide, 490.

$C_{28}H_{38}O_{16}Cl$  Peonin chloride, 2493.

### 28 IV

$C_{28}H_{14}O_{11}N_2S_2$  1-Azoxyanthraquinonesulphonic acids, sodium salts, 84.

$C_{28}H_{18}O_{10}N_2As_2$  7-Oxamide- $pp'$ -fluorenone-2-arsonic acid, and its sodium salt, 1640.

$C_{28}H_{21}ONCl_2$  1:8-Dichloro-4'-dimethylamino-10:10-diphenylanthrone, 509.

$C_{28}H_{25}O_2NCl$  7-Methoxy-2-phenyl-3-methyl-4:3'-indolylvinylbenzopyrylium chloride, 259.

$C_{28}H_{26}O_4N_2S_2$  4- $o$ -Nitrophenylmethylamino- $m$ -tolyl disulphide, 2776.

$C_{28}H_{30}O_2N_2Br_2$  4:4'-Dibromo- $\omega$ : $\omega'$ -bisdimethylamino- $\omega$ : $\omega'$ - $m$ -xylylenebisacetophenone, 67.

$C_{28}H_{31}ON_2Cl$  Benzylneostrychnidinium chloride, 492.

Strychnidine benzylochloides, 489.

$C_{28}H_{31}ON_2I$  Benzylneostrychnidinium iodide, 491.

$C_{28}H_{32}O_2N_2Br_4$   $s$ - $m$ -Xylylenebis- $p$ -bromophenacyltetramethyldiammonium dibromide, 67.

$C_{28}H_{33}O_2N_2Cl$  Tetrahydrostrychnine benzylochloride, 497.

$C_{28}H_{33}O_2N_2I$  Tetrahydroneostrychnine benzyloiodide, 500.

### 28 V

$C_{28}H_{30}O_3NSAs$  Tritolylarsine hydroxy- $p$ -toluenesulphonamides, 964.

$C_{28}H_{40}O_{14}N_7S_2As$  Di(glutathionyl)4-acetamido-2-hydroxyphenylthioarsinite, 2509.

$C_{28}H_{41}O_{13}N_6S_2As$  Di(glutathionyl)phenylglycineamide- $p$ -thioarsinite, 2509.

### $C_{29}$ Group.

$C_{29}H_{22}O_3$  3-Benzyl-2-methoxystyryl-1:4- $\alpha$ -naphthapyrones, 930.

$C_{29}H_{22}O_4$  3-Phenyl-2-(3':4'-dimethoxystyryl)-1:4- $\alpha$ -naphthapyrone, 929.

$C_{29}H_{25}O_7$   $\gamma$ -Keto- $\beta\delta$ -bishydroxymethyl- $\beta$ -methyl- $n$ -amyl tribenzoate, 2673.

$C_{29}H_{46}O$  Ethoxyergostatriene, 271.

$C_{29}H_{46}O_2$  Dehydroergostenyl acetate, 1713.

$C_{29}H_{46}O_3$   $\alpha$ -Ergostenonyl acetate, 1703.

$C_{29}H_{48}O_2$   $\beta$ -Ergostenyl acetate, 1709.

$C_{29}H_{52}O_4$  Di- $l$ -menthyl dipropylmalonate, 2337.

### 29 III

$C_{29}H_{20}O_3N_2$  4(or 6)-Nitro-1-cinnamoyl-2:3-diphenylindole, 2876.

$C_{29}H_{21}ON$  1-Cinnamoyl-2:3-diphenylindole, 2875.

1-Cyano-10:10-dibenzylanthrone, 507.

$C_{29}H_{25}O_{13}N_3$   $\gamma$ -Keto- $\beta\delta$ -bishydroxymethyl- $\beta$ -methyl- $n$ -amyl tri- $p$ -nitrobenzoate, 2673.

$C_{29}H_{29}O_{14}Cl$  3:7:4'-Trihydroxy-5- $O$ -tetra-acetyl- $\beta$ -glucosidoxyflavylium chloride, 2302.

- $C_{29}H_{32}O_2N_2$  Benzoylakuamine, 2764.  
 $C_{29}H_{34}O_2N_2$  Methoxybenzylidihydroeostrychnidine, 490.  
 $C_{29}H_{34}O_3N_2$  Oxymethoxybenzylidihydroeostrychnidines, 491.  
 $C_{29}H_{34}N_2Cl_2$  10-Chloro-3:3':3'-tetramethyl-1:1'-diethylindodicarbocyanine chloride, 265.  
 $C_{29}H_{35}O_17Cl$  Malvin chloride, 2303.  
 $C_{29}H_{36}O_2N_2$  Methoxybenzyltetrahydrostrychnidine, 490.

## 29 IV

- $C_{29}H_{31}O_4N_2I$  Benzoylakuammidine methiodide, 2765.

## 29 V

- $C_{29}H_{18}O_{13}N_8S_3Na_4$  Sodium diphenyldisazosalicylic acid-3:6-disulpho- $\beta$ -naphthyl sulphite, 1269.  
 $C_{29}H_{48}O_5NS_2As$  Di-( $\kappa$ -carboxydecyl)benzamide-*p*-thioarsinite, 598.

C<sub>30</sub> Group.

- $C_{30}H_{24}O_4$  3-Benzyl-2-(3':4'-dimethoxystyryl)-1:4- $\alpha$ -naphthapyrone, 930.  
 $C_{30}H_{26}O$  10:10-Dibenzyl-1:3-dimethylantrones, 1455.

## 30 III

- $C_{30}H_{34}O_5N_2$  Benzylbrucine, 778.  
 $C_{30}H_{37}O_{17}Cl$  Hirsutin chloride, 2295.  
 $C_{30}H_{49}O_3N_3$   $\alpha$ -Ergostenonyl acetate semicarbazone, 1703.

## 30 IV

- $C_{30}H_{17}O_3N_2Cl$  Substance, from benzoxylation of indigotin, 2787.  
 $C_{30}H_{18}ON_2Cl_2$  1:8-Dicyano-10:10-di-*o*-chlorobenzylanthrone, 507.  
 $C_{30}H_{30}O_2N_2Ni$  Hexapyridinonickelous nitrate, 2930.  
 $C_{30}H_{33}O_4N_2Cl$  Benzylbrucinium chloride, 778.  
 $C_{30}H_{36}O_3N_2Cl$  Benzylbrucidinium chloride, 776.  
 $C_{30}H_{36}O_3N_2I$  Benzylneobrucidinium iodide, 777.

## 30 V

- $C_{30}H_{23}O_{11}N_4S_3Na_3$  Sodium diphenyldisazophenetole-6:8-disulpho- $\beta$ -naphthyl sulphite, 1270.  
 $C_{30}H_{50}O_5NS_2As$  Di-( $\kappa$ -carboxydecyl)acetanilide-*p*-thioarsinite, 598.

C<sub>31</sub> Group.

- $C_{31}H_{38}O_{18}$  Methyl salicylate *O*-hexa-acetyl  $\beta$ -vicianoside, 2771.  
 $C_{31}H_{56}O_4$  Di-*l*-menthyl dibutylmalonate, 2338.

## 31 III

- $C_{31}H_{16}NI$  Quinaldine isopropiodide, 258.  
 $C_{31}H_{23}O_5N_3$  4-Phenyl-2:6-di-*p*-tolylpyranol, 2901.  
 $C_{31}H_{38}O_4N_2$  Methoxybenzylidihydroeobrucidine, 776.  
 $C_{31}H_{40}O_4N_2$  Methoxybenzyltetrahydrobrucidine, 777.

## 31 IV

- $C_{31}H_{24}O_2N_4S_2$  2:2'-Diphenylimino-4:4'-diketo-3:3'-diphenyl-5:5'-dithiazolidyl-methane, 1580.

## 31 V

- $C_{31}H_{31}ON_2Cl_4Fe$  4-Phenyl-2:6-*pp'*-tetramethyldiaminodistyrylpyrylium ferri-chloride, 259.

**C<sub>32</sub> Group.****C<sub>32</sub>H<sub>20</sub>O<sub>4</sub>N<sub>4</sub>S<sub>2</sub>** 2-*o*-Nitrophenylamino-1-naphthyl disulphide, 2777.**C<sub>32</sub>H<sub>22</sub>O<sub>5</sub>N<sub>4</sub>S** Bis-2-*o*-nitrophenylamino-1-naphthyl sulphoxide, 2777.**32 V****C<sub>32</sub>H<sub>20</sub>O<sub>14</sub>N<sub>4</sub>S<sub>4</sub>Na<sub>4</sub>** Sodium diphenyldisazo-4:8-disulpho-*a*-naphthol-8-sulpho- $\beta$ -naphthyl sulphite, 1269.Sodium diphenyldisazo-3:6:8-trisulpho-*a*-naphthol- $\beta$ -naphthyl sulphite, 1270.**C<sub>32</sub>H<sub>21</sub>O<sub>11</sub>N<sub>4</sub>S<sub>3</sub>Na<sub>3</sub>** Sodium 2:2'-disulphodiphenyldisazobis- $\beta$ -naphthyl sulphite, 1275.**C<sub>32</sub>H<sub>22</sub>O<sub>10</sub>N<sub>5</sub>S<sub>3</sub>Na** Sodium diphenyldisazo-4-sulpho-*a*-naphthylamine-8-sulpho- $\beta$ -naphthyl sulphite, 1269.**C<sub>32</sub>H<sub>22</sub>O<sub>14</sub>N<sub>4</sub>S<sub>4</sub>Na<sub>4</sub>** Sodium diphenyldisazobis-8-sulpho- $\beta$ -naphthyl disulphite, 1274.**C<sub>33</sub> Group.****C<sub>33</sub>H<sub>21</sub>O<sub>3</sub>N** 3:6:9-Tribenzoylcarbazole, 2190.**C<sub>33</sub>H<sub>27</sub>N<sub>4</sub>I** 4:4'-Diphenyl-1:1'-dimethylquinazocarbocyanine iodide, 257.**C<sub>33</sub>H<sub>33</sub>O<sub>8</sub>N<sub>5</sub>** 4-*p*-Nitrophenyl-2:6-di-(*m*-nitro-*p*-piperidinophenyl)pyranol, 2902.**C<sub>34</sub> Group.****C<sub>34</sub>H<sub>48</sub>O** Benzyloxyergostatriene, 270.**C<sub>34</sub>H<sub>50</sub>O<sub>2</sub>**  $\beta$ -Ergostenyl benzoate, 1708.**34 III****C<sub>34</sub>H<sub>23</sub>O<sub>3</sub>N** 3:6-Dibenzoyl-9-phenylacetylcarbazole, 2190.**C<sub>34</sub>H<sub>24</sub>O<sub>2</sub>N<sub>2</sub>** Dibenzamidodinaphthyls, 530.**C<sub>34</sub>H<sub>26</sub>O<sub>6</sub>S<sub>4</sub>** 2-(4'-Methanesulphonylphenoxy)-1-naphthyl disulphide, 1047.**C<sub>34</sub>H<sub>28</sub>N<sub>4</sub>I<sub>2</sub>** 4:4'-Diphenyl-2:2'-divinylenediquinazoline 1:1'-dimethiodide, 257.**34 V****C<sub>34</sub>H<sub>24</sub>O<sub>14</sub>N<sub>4</sub>S<sub>4</sub>Na<sub>4</sub>** Sodium ditolyldisazo-3:6:8-trisulpho-*a*-naphthol- $\beta$ -naphthyl sulphite, 1270.**C<sub>35</sub> Group.****C<sub>35</sub>H<sub>24</sub>O<sub>6</sub>** 5:7-Dicinnamoyloxy-2-styrylchromone, 927.**C<sub>35</sub>H<sub>42</sub>O<sub>22</sub>** 2:4-Di-(*O*-tetra-acetyl- $\beta$ -glucosidyl)phloroglucinaldehyde, 2302.**35 III****C<sub>35</sub>H<sub>29</sub>N<sub>2</sub>I** 4:4'-Diphenyl-1:1'-dimethyl-2:2'-carbocyanine iodide, 258.**C<sub>35</sub>H<sub>35</sub>N<sub>2</sub>Cl** 3:3'-Diphenyl-1:3:1':3'-tetramethyl-2:2'-indocarbocyanine chloride, 325.**C<sub>36</sub> Group.****C<sub>36</sub>H<sub>27</sub>O<sub>3</sub>P** Tri-*p*-phenoxyphenylphosphine, 2883.**C<sub>36</sub>H<sub>30</sub>N<sub>2</sub>I<sub>2</sub>** 4:4'-Diphenyl-2:2'-divinylenediquinoline 1:1'-dimethiodide, 258.**C<sub>36</sub>H<sub>46</sub>O<sub>3</sub>Si** Trianhydrotris*cyclohexyl*phenylsilicanediol, 2208.**C<sub>36</sub>H<sub>66</sub>O<sub>3</sub>Si<sub>3</sub>** Trianhydrotris*dicyclohexyl*silicanediol, 2209.**C<sub>37</sub> Group.****C<sub>37</sub>H<sub>33</sub>N<sub>2</sub>I** 4:4'-Diphenyl-1:1'-diethyl-2:2'-carbocyanine iodide, 258.



## 37 IV

$C_{37}H_{30}OIP$  Tri-*p*-phenoxyphenylmethylphosphonium iodide, 2883.

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

$C_{38}H_{30}O$ , 5:7-Di-*p*-methoxycinnamoyloxy-4'-methoxy-2-styrylchromone, 927.

## 38 III

$C_{38}H_{27}O_7N$  Anhydro-*N*-methyl-*O*-tribenzoylpapaverolinium hydroxide, 787.

$C_{38}H_{24}N_2I_2$  4:4'-Diphenyl-2:2'-divinylenediquinoline 1:1'-diethiodide, 258.

**C<sub>39</sub> Group.**

$C_{39}H_{43}O_{21}Cl$  7-Hydroxy-3-*O*-tetra-acetyl- $\beta$ -glucosidoxy-5-*O*-acetyl- $\beta$ -glucosidoxy-4'-acetoxyflavylium chloride, 2491.

## 39 IV

$C_{39}H_{24}N_2ClI$  11-Chloro-4:4'-diphenyl-1:1'-diethyl-2:2'-dicarbocyanine iodide, 267.

$C_{39}H_{24}N_2BrI$  11-Bromo-4:4'-diphenyl-1:1'-diethyl-2:2'-dicarbocyanine iodide, 267.

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

$C_{40}H_{26}O_8N_2$  Substance, from reduction of 3:3'-dinitro-2:2'-dinaphthyl, 532.

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

$C_{43}H_{32}O_{20}N_4S_8Na_4$  Sodium 2:5:2':5'-tetramethyltriphenylmethane-4:4'-disazobis-3:6-disulpho- $\beta$ -naphthyl disulphite, 1274.

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

$C_{44}H_{20}O_8N$  *O*-Tetrabenzoylpapaveroline, 786.

$C_{44}H_{30}O_4N_4$  5:6:5':6'-Tetramethoxydiphenyl-2:3:2':3'-bisphenanthraphenazine, 441.

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

$C_{45}H_{22}O_8NCl$  *N*-Methyl-*O*-tetrabenzoylpapaverolinium chloride, 788.

**C<sub>47</sub> Group.**

$C_{47}H_{51}O_{26}Cl$  7-Hydroxy-3:5-di-(*O*-tetra-acetyl- $\beta$ -glucosidoxy)-3':4'-diacetoxyflavylium chloride, 2494.

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

$C_{51}H_{40}N_6S_8$  Ureido-3'-aminobenzoyl-3-amino-4-methylbenzoyl- $\beta$ -naphthylamine-4:6:8-trisulphonic acid, sodium salt, 1911.

## 51 IV

$C_{51}H_{40}O_{25}N_6S_8$  Ureido-3'-amino-4'-methylbenzoyl-3-aminobenzoyl- $\beta$ -naphthylamine-4:6:8-trisulphonic acid, sodium salt, 1912.

**C<sub>53</sub> Group.**

$C_{53}H_{44}O_{29}N_6S_8$  Ureido-3'-amino-4'-methylbenzoyl-3-amino-4-methylbenzoyl- $\beta$ -naphthylamine-4:6:8-trisulphonic acid, sodium salt, 1912.