

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 C₁ group, C₂ 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.

C₁ Group.

- CH₄** Methane, speed of flame in mixtures of air and, 546; explosions of, with air, 758.
CO Carbon monoxide, density of, 846; flame phenomena of, 972; action of, with nitric oxide, 56.
CO₂ Carbon dioxide, compressibility of, 621.

1 II

- HCN** Hydrocyanic acid, potassium salt, action of, with platinic chloride, 1429.
CH₂O Formaldehyde, polymerisation of, 1193; condensation of, with *p*-nitrophenol, 699.
CH₂N₂ Diazomethane, preparation of, 363; absorption spectrum and photochemical decomposition of, 119.
CH₃I Methyl iodide, addition of, to pyridine, 1237.
CH₃F Methyl fluoride, compressibility of, 621.
CH₃O Methyl alcohol, partial vapour pressure of, in aqueous solutions, 674.
COS Carbonyl sulphide, oxidation of, 145, 208.

1 III

- CHON** Fulminic acid, mercury salt, thermal decomposition of, 1397, 1400.

C₂ Group.

- C₂H₄** Ethylene, compressibility of, 621; ignition of mixtures of, with air, 1240.
C₂H₆ Ethane, ignition of mixtures of, with air, 1240.
C₂I₂ Di-iodoacetylene, dipole moment of, 652.

2 II

- C₂H₂O** Keten, absorption spectrum and photochemical decomposition of, 1533.
C₂H₄O Acetaldehyde, effect of, on conductivity of electrolytes in ethyl alcohol, 658.
C₂H₄O₂ Acetic acid, dissociation constant of, 313, 734, 1637.
C₂H₄Cl₂ Ethylene dichloride, dielectric constant of, 773.
C₂H₄I₂ *trans*-Di-iodoethylene, vapour pressure of, 430.
C₂H₅I Ethyl iodide, reaction of, with sodium thiosulphate, 1576.
C₂H₆O Dimethyl ether, compressibility of, 621.
Ethyl alcohol, effect of acetaldehyde on conductivity in, 658.
C₂H₆Zn Zinc dimethyl, oxidation of, 746.

2 III

- C₂HOCl₃** Chloral, condensation of, with nitrophenyl- and tolyl-ureas, 30.
C₂H₃O₂Br Bromoacetic acid, and its salts, elimination of bromine from, 1133.

2 IV

- C₂H₁₂O₇N₅Co** Oxalatotetramminocobaltic nitrate, 518.

C₃ Group.

- C₃H₆** Propylene, ignition of mixtures of, with air, 1240.
C₃H₈ Propane, ignition of mixtures of, with air, 1240.

3 II

- C₃H₆O** Allyl alcohol, reaction of, with iodine, 1323.
C₃H₈O *n*-Propyl alcohol, partial vapour pressure of, in aqueous solutions, 674.
C₃H₇As Trimethylarsine, and its salts, 99.

3 III

- $C_3H_6OI_2$ Di-iodopropyl alcohol, formation of, from allyl alcohol, 1323.
 C_3H_9ClPt Trimethylplatinum chloride, 1294.
 $C_3H_{11}O_2As$ Hydroxytrimethylarsonium hydroxide, salts of, 99.

3 IV

- $C_3H_{10}N_2Cl_2Pt$ β -Trimethylenediaminoplatinous chloride, 1339.
 $C_3H_{10}N_2Cl_2Pt$ Trimethylenediaminoplatinic chloride, 1339.
 $C_3H_{13}N_3Cl_2Pt$ β -Amminotrimethylenediaminoplatinous chloride, 1340.
 $C_3H_{14}O_7N_4Co$ Malonatotetramminocobaltic nitrate, 518.
 $C_3H_{14}N_3Cl_2Pt$ β -Amminotrimethylenediaminoplatinous hydrochloride, 1340.
 $C_3H_{16}N_4Cl_2Pt$ β -Diamminotrimethylenediaminoplatinous chloride, 1340.
 $C_3H_{16}N_4Cl_4Pt$ Diamminotrimethylenediaminoplatinic chloride, 1340.

 C_4 Group.

- C_4H_8 Butylene, ignition of mixtures of, with air, 1240.
 C_4H_{10} Butane, ignition of mixtures of, with air, 1240.

4 II

- C_4H_8I 2-Iodo-1-vinylacetylene, 741.
 C_4H_4Se Selenophen, preparation of, 1644.
 $C_4H_6O_2$ Vinylacetic acid, dissociation constant of, 734.
 $C_4H_6O_3$ Acetic anhydride, ketonic activity of, 1197.
 $C_4H_6O_8$ Tartaric acid, synthesis of, 45; thorium salt, alkaline solutions of, 5.
 $C_4H_{10}O$ *n*-Butyl alcohol, partial vapour pressure of, in aqueous solutions, 674.
 $C_4H_{10}S$ Diethyl sulphide, dipole moment of, 652.
 $C_4H_{10}Zn$ Zinc diethyl, oxidation of, 756.
 C_4O_4Ni Nickel carbonyl, dipole moment of, 652.

4 III

- $C_4H_5OBr_3$ $\alpha\beta$ -Tribromobutaldehyde, and its monohydrate, 995.
 $C_4H_5O_2Cl_2$ 2:3-Dichlorodioxan, 1598.
 $C_4H_8O_2N_2$ Methoxymalondiamide, 1628.
 C_4H_8SSe 1:4-Selenothian, 1529.
 $C_4H_8ON_3$ Acetone semicarbazone, hydrolysis of, 204.
 $C_4H_{10}OS$ Diethylsulphone, dipole moment of, 652.
 $C_4H_{11}O_2As$ Hydroxydimethylethylarsonium hydroxide, salts of, 100.
 $C_4H_{11}IS$ Dimethylethylsulphonium iodide, 535.

4 IV

- $C_4H_5OClBr_2$ α -Chloro- $\alpha\beta$ -dibromobutaldehyde, and its monohydrate, 994.
 $C_4H_5OCl_2Br$ $\alpha\beta$ -Dichloro- α -bromobutaldehyde, and its monohydrate, 994.
 $C_4H_{11}Cl_2AsHg_2$ Dimethylethylarsine dimercurichloride, 101.
 $C_4H_{12}N_2Cl_2Pt$ Substance, from tetramethylenediamine and potassium chloroplatinite, 1341.
 $C_4H_{16}N_4Cl_2Pt$ Bisethylenediaminoplatinous chloride, 1092.

 C_5 Group.

- C_5H_5N Pyridine, addition of methyl iodide to, 1237; compounds of, with triphenylmethyl halides, 76.
 $C_5H_8O_2$ Allylacetic acid, preparation of, 582.
 Δ^{β} -*n*-Pentenoic acid, 559.
 $C_5H_8O_4$ Methyl hydrogen methylmalonate, 1066.
 $C_5H_{10}Br_2$ $\alpha\epsilon$ -Dibromopentane, 1532.
 $C_5H_{12}O$ α -Amyl alcohol, optical rotation of, 376.

5 III

- $C_5H_7O_3Cl$ α -Carbomethoxypropionyl chloride, 1066.
 $C_5H_7N_2Cl$ Base, from methylglyoxal and formalin, 665.
 $C_5H_9O_2I$ Ethyl β -iodopropionate, preparation of, 216.
 $C_5H_9O_3Cl$ Chlorohydroxymethylbutyric acids, 805, 806.
 $C_5H_{10}O_4N_2$ *d*- α -Hydroxy- β -methoxysuccindiamide, 643.
 $C_5H_{11}IS$ Dimethylpropylsulphonium iodides, 535.
 $C_5H_{14}OS$ Methyl-diethylsulphonium hydroxide, picrate of, 992.

5 IV

- $C_5H_8O_2NBr_3$ Form- $\beta\beta\gamma$ -tribromo- α -hydroxybutylamide, 995.
 $C_5H_9O_2N_2Br_3$ $\beta\beta\gamma$ -Tribromo- α -hydroxybutylurea, 995.
 $C_5H_{10}ON_2Cl$ 3-Chlorobutan-2-one semicarbazone, 717.
 $C_5H_{11}N_3Cl_2Pt$ α -Chlorodiamminopyridinoplatinous chloride, 1058.
 $C_5H_{14}N_2Cl_2Pt$ Substance, from pentamethylenediamine and potassium chloroplatinite, 1341.
 $C_5H_{18}N_4Cl_2Pt$ β -Ethylenediaminotrimethylenediaminoplatinous chloride, 1339.

- $C_5H_{18}N_4Cl_4Pt$ Ethylenediaminotrimethylenediaminoplatinic chloride, 1339.
 $C_5H_{18}N_4Cl_5Pt_2$ β -Ethylenediaminotrimethylenediaminoplatinous chloroplatinite, 1339.
 $C_5H_{20}N_4Cl_4Pt$ β -Ethylenediaminotrimethylenediaminoplatinous dihydrochloride, 1339.

5 V

- $C_5H_9ON_2Cl_2Pt$ α -Hydroxylaminopyridinoplatinous chloride, 1058.
 $C_5H_9O_2NClBr_2$ Form- β -chloro- $\beta\gamma$ -dibromo- α -hydroxybutylamide, 995.
 $C_5H_9O_2NCl_2Br$ Form- $\beta\gamma$ -dichloro- β -bromo- α -hydroxybutylamide, 995.
 $C_5H_9O_2N_2ClBr_2$ β -Chloro- $\beta\gamma$ -dibromo- α -hydroxybutylurea, 995.
 $C_5H_9O_2N_2Cl_2Br$ $\beta\gamma$ -Dichloro- β -bromo- α -hydroxybutylurea, 995.

C₆ Group.

- C_6H_6 Benzene, dielectric constant of, 773; vapour pressure and refractivity of mixtures of, with benzyl alcohol, *p*-dichlorobenzene, nitrobenzene and phenol, 1413.

6 II

- $C_6H_4Cl_2$ Dichlorobenzene, vapour pressure and refractivity of mixtures of, with benzene, 1413.
 C_6H_5Cl Chlorobenzene, dielectric constant of, 773.
 C_6H_6O Phenol, conductivities of mixtures of, with aniline, *m*-cresol and *p*-toluidine, 1032; vapour pressure and refractivity of mixtures of, with benzene, 1413; action of chlorosulphonic acid on, at low temperatures, 337.
 $C_6H_5O_5$ Acetylmalic anhydride, 795.
 C_6H_5N Aniline, conductivity of mixtures of, with phenol, 1032; action of, with benzoyl chloride in carbon tetrachloride and hexane solutions, 1351.
 $C_6H_5O_6$ Ascorbic acid, constitution of, and its salts, 1270; rotatory dispersion of, 1448, 1564.
d- and *l*-Ascorbic acids, synthesis of, 1422.
 $C_6H_{10}O_5$ Methyl methoxymalonate, 1628.
 $C_6H_{11}Br$ Diallyl hydrobromide, 817.
 $C_6H_{12}Br_2$ Diallyl dihydrobromide, 817.
 $C_6H_{15}P$ Triethylphosphine, oxidation of, 1231.
 $C_6H_{16}N_2$ α -Amino- β -dimethylaminobutane, salts of, 348.

6 III

- $C_6H_3OBr_3$ Tribromophenols, 1054.
 $C_6H_3O_8N_3$ Styphnic acid, lead salt, thermal decomposition of, 1397.
 $C_6H_3Cl_3S$ 2:4:6-Trichlorothiophenol, 47.
 $C_6H_5O_2N$ Nitrobenzene, f.p. of, in benzene and *cyclohexane*, 281.
 $C_6H_5O_4N_2$ *m*-Dinitrobenzene, equilibrium of, with nitrobenzene, 669.
 $C_6H_5NCl_3$ 2:4:6-Trichloroaniline, 142.
 $C_6H_4N_6Fe$ Hydroferrocyanic acid, and its metallic salts, 1543.
 $C_6H_5O_2N$ Nitrobenzene, dielectric constant of, 773; vapour pressure and refractivity of mixtures of, with benzene, 1413; viscosity of, 118; equilibrium of, with *m*-dinitrobenzene, 669; nitration of, 113.
 $C_6H_5O_3N$ *p*-Nitrophenol, condensation of, with formaldehyde, 699.
 $C_6H_5O_3N_3$ Δ^{α} -Propene- $\alpha\alpha\beta$ -tricarboxylamide, 814.
 $C_6H_{11}O_3N_3$ *n*-Propane- $\alpha\alpha\beta$ -tricarboxylamide, 813.
 $C_6H_{11}O_3Cl$ Ethyl α -methylacrylate chlorohydrin, 803.
 $C_6H_{12}O_3N_2$ Methoxymalonomethylamide, 1628.
 $C_6H_{14}O_2Se$ Propyl selenite, 393.
 $C_6H_{15}IS$ Dimethyl-*tert.*-butyl sulphonium iodide, 1575.
 Dimethylbutylsulphonium iodides, 535.
 $C_6H_{16}OS$ Dimethyl-*tert.*-butylsulphonium hydroxide, decomposition of, and its picrate, 1575.
 Triethylsulphonium hydroxide, picrate of, 992.
 $C_6H_{17}OAs$ Hydroxytriethylarsonium hydroxide, salts of, 100.

6 IV

- $C_6H_3O_3NBr_3$ Tribromonitrophenols, 1055.
 $C_6H_3O_3NBr_2$ Dibromonitrophenols, 1055.
 $C_6H_{10}O_2NBr_3$ Acet- $\beta\beta\gamma$ -tribromo- α -hydroxybutylamide, 995.
 $C_6H_{20}N_4Cl_4Pt$ β -Bistrimethylenediaminoplatinous chloride, 1339.
 $C_6H_{20}N_4Cl_4Pt$ Bistrimethylenediaminoplatinic chloride, 1339.
 $C_6H_{22}N_4Cl_4Pt$ β -Bistrimethylenediaminoplatinous dihydrochloride, 1339.

6 V

- $C_6H_{10}O_2NClBr_2$ Acet- β -chloro- $\beta\gamma$ -dibromo- α -hydroxybutylamide, 995.
 $C_6H_{10}O_2NCl_2Br$ Acet- $\beta\gamma$ -dichloro- β -bromo- α -hydroxybutylamide, 995.

C₇ Group.

- $C_7H_6O_2$ Benzoic acid, dissociation constant of, 734.
 C_7H_8O Benzyl alcohol, vapour pressure and refractivity of mixtures of, with benzene, 1413.
m-Cresol, conductivity of mixtures of, with phenol, 1032.
p-Cresol, action of chlorosulphonic acid on, at low temperatures, 337.

- C₇H₉N** Methylaniline, nitrosation of, 510.
o-Toluidine, action of, with sulphur, 296.
p-Toluidine, conductivity of mixtures of, with phenol, 1032.
C₇H₁₀O₄ *trans-dl*-Caronic acid, resolution of, 1223.
C₇H₁₀O₇ 3-Keto-*d*-glucoheptonofuranolactone, 1422.
C₇H₁₁O₂ γ -*iso*Propyl- γ -butyrolactone, 584.
C₇H₁₂O₂ Δ^7 -*iso*Heptenoic acid, preparation of, 584.
\delta-*iso*Heptolactone, 585.
C₇H₁₂O₄ Ethyl hydrogen dimethylmalonate, 1617.
C₇H₁₂O₆ Methyl *d*- α -hydroxy- β -methoxysuccinate, 643.
C₇H₁₇N *tert*-Butylcarbonyldimethylamine, and its salts, 68.

7 III

- C₇H₄O₅N₂** 3:5-Dinitrobenzaldehyde, 315.
C₇H₄O₆N₂ Dinitrosalicylaldehyde, 486.
C₇H₅OCl Benzoyl chloride, action of, with aniline in carbon tetrachloride and hexane solutions, 1351.
C₇H₅OBr₃ Tribromoanisoles, 1054.
C₇H₅O₂As Benzaldehyde-*p*-arsenious oxide, 352.
C₇H₅O₅N₃ 3:5-Dinitrobenzaldoxime, 315.
C₇H₆O₅N₂ 2:6-Dinitro-*p*-cresol, 440.
 4:5-Dinitro-*o*-cresol, 1166.
C₇H₆O₅S 5-Sulpho-3-hydroxybenzoic acid, and its salts, 1374.
C₇H₆N₂S 2-Diazotoluene 3-sulphide, 297.
C₇H₇O₂N Salicylaldoxime, use of, in separation of copper and nickel, 895.
C₇H₈O₂N₄ 3:9-Dimethylxanthine, and its salts, 668.
C₇H₈O₄N₂ 2:3-Dinitrotoluene, lability of 2-nitro-group in, 500.
C₇H₈O₄S *o*-Cresol-4-sulphonic acid, barium salt, 1377.
C₇H₈NCl *N*-Chloroacetanilide, photo-change of, in solvents, 240.
C₇H₈O₄N Acid, from hydrolysis of ethyl $\alpha\beta$ -dicyano- β -methylglutarate, 815.
C₇H₁₁O₃Cl δ -Carbomethoxyvaleryl chloride, 91.
 Ethyl hydrogen dimethylmalonyl chloride, 1617.
C₇H₁₃ON₃ *cyclo*Pentene aldehyde semicarbazone, 362.
C₇H₁₃O₂Br Bromo- δ -methylhexoic acids, 576.
C₇H₁₄O₂S₂ Ethylsulphonylethylthioacetone, 308.
C₇H₁₄O₄N₂ *d*- α -Hydroxy- β -methoxysuccinomethylamide, 643.
C₇H₁₅O₄N Trimethyl *l*-threonamide, 1284.
C₇H₁₆O₄S₃ Bisethylsulphonylethylthiomethane, 308.
C₇H₁₆O₆S₃ Trisethylsulphonylmethane, 308.
C₇H₁₇IS Methyl ethyl *iso*butylsulphonium iodide, 535.
C₇H₁₈OS Diethyl-*n*-propylsulphonium hydroxide, picrate of, 993.
 Methyl di-*n*-propylsulphonium hydroxide, picrate of, 992.

7 IV

- C₇H₄O₅NCl** 3-Chloro-5-nitrosalicylic acid, 700.
C₇H₄O₅NBr 3-Bromo-5-nitrosalicylic acid, 700.
C₇H₄O₅N₂S 5-Sulpho-3-diazobenzoic acid, 1374.
C₇H₅OCl₂As Benzaldehyde-*p*-dichloroarsine, 352.
C₇H₅O₅N₂Cl 4-Chloro-3:5-dinitroanisole, 827.
C₇H₅O₇NS 5-Sulpho-3-nitrobenzoic acid, and its salts, 1373.
C₇H₅O₆N₂S 5-Amidosulphonyl-3-nitrobenzoic acid, 1374.
C₇H₅O₆NS *o*-Nitrotoluene-4-sulphonic acid, salts of, 1377.
 5-Sulpho-3-aminobenzoic acid, 1374.
C₇H₇O₅N₃S 5-Amidosulphonyl-3-nitrobenzamide, 1373.
C₇H₈O₄N₂S 5-Amidosulphonyl-3-aminobenzoic acid, 1374.

7 V

- C₇H₃O₅NCl₂S** 5-Chlorosulphonyl-3-nitrobenzoyl chloride, 1373.
C₇H₃O₆NClS 5-Chlorosulphonyl-3-nitrobenzoic acid, 1373.
C₇H₁₀O₆NSAs *p*-Aminophenylarsono-*N*-methylene-sulphurous acid, sodium salt, 1009.
C₇H₁₀O₇NSAs 3-Amino-4-hydroxyphenylarsono-*N*-methylene-sulphurous acid, disodium salt, 1009.

C₈ Group.

- C₈H₇N₃** 5-(3-Pyridyl)pyrazole, and its salts, 350.
C₈H₈O Acetophenone, dielectric constant of, 773.
C₈H₈O₃ Mandelic acid, acid salts of, 1016.
C₈H₈O₄ ω :2:4-Trihydroxyacetophenone, 372.
C₈H₈O₅ ω -Hydroxyphloracetophenone, 369.
C₈H₈O₆ 3-Hydroxycyclobutane-1:1:2:2-tetracarboxylic acid, 1632.
C₈H₁₀O₃ Filicinic acid, 1617.
C₈H₁₀O₄ Tetrahydrophthalic acids, 1631, 1633.
C₈H₁₁N Benzylmethylamine, picrate of, 349.
C₈H₁₂O₄ Homocaronic acid, synthesis of, 1225.

- C₈H₁₂O₆** Dimethylascorbic acid, and its barium salt, 1286.
Methyl dimethoxymaleate, 1289.
C₈H₁₄O₅ Ethyl tartrate, rotation of, 1217.
C₈H₁₆O₂ *n*-Octoic acid, potassium salt, specific heat of aqueous solutions of, 551.
C₈H₁₆O₅ Methyl trimethyl *l*-threonate, 1284.
C₈H₁₈O β -Octanol, optical rotation of, 376.

8 III

- C₈H₄O₂Br₂** Phthalyl bromide, tautomerism of, 1309.
Terephthalyl bromide, 1313.
C₈H₄O₂F₂ Phthalyl fluoride, 17.
C₈H₈N₂Cl₄ 2:5-Dichlorobenzeneazo- $\beta\beta$ -dichloroethylene, 1490.
C₈H₅ON Benzonitrile, dielectric constant of, 773.
C₈H₅O₄Cl 3-Chlorophthalic acid, 1533, 1643.
C₈H₆O₂N₄ Nitro-5-(3-pyridyl)pyrazoles, 687.
C₈H₆O₆N₂ 3:5-Dinitro-2-methoxybenzaldehyde, 487.
C₈H₆N₃I 3-Iodo-5-(3-pyridyl)pyrazole, 687.
C₈H₆Cl₃S 2:4:6-Trichlorophenyl β -chloroethyl sulphide, 47.
C₈H₇ON 2-Hydroxyphenylacetone, 493.
C₈H₇O₂Cl 6-Chlorobenzdioxin, 700.
C₈H₇O₂I 6-Iodobenzdioxin, 700.
C₈H₇O₂N₅ 3:5-Dinitrobenzaldehyde semicarbazone, 315.
C₈H₇Cl₃S Dichlorophenyl β -chloroethyl sulphides, 47.
C₈H₈O₃S Thiolmethoxybenzoic acids, 1378.
C₈H₈O₂N₂ 2:6-Dinitro-*p*-cresol methyl ether, 440.
C₈H₈O₅N₂ 4:5-Dinitro-*o*-tolyl methyl ether, 1166.
C₈H₈O₆N₄ 3:5-Dinitro-*N*-nitrosomethyl-*p*-anisidine, 827.
C₈H₈O₈S Sulphomethoxybenzoic acids, and their salts, 1374, 1378.
C₈H₈O₁₂B Borotartaric acid, ammonium salt, 954.
C₈H₈Cl₂S *p*-Chlorophenyl β -chloroethyl sulphide, 46.
C₈H₉O₂N 6-Nitro-4-methoxy-*o*-cresol, 441.
C₈H₉O₃N₃ 3:5-Dinitromonomethyl-*p*-anisidine, 827.
C₈H₉O₆Cl₃ Ethyl trichloro- α' -hydroxyethyl α -anhydrotartrate, 796.
C₈H₉O₁₀B Boromalic acid, potassium salt, 955.
C₈H₁₀OS Thiolmethoxytoluenes, 1377.
C₈H₁₀O₂N₂ Nitrosomethyl-*p*-anisidine, 271.
C₈H₁₀O₃N₂ 6-Nitro-4-methoxy-*o*-toluidine, 441.
5-Nitro-2-methoxy-*p*-toluidine, 1167.
C₈H₁₀O₄S 2-Methoxytoluenesulphonic acids, salts of, 1378.
C₈H₁₁ON β -Phenoxyethylamine, and its salts, 272.
C₈H₁₆O₂N₂ *d*-Arabotrimethoxyglutardiamide, 642.
C₈H₂₀OS Ethyldi-*n*-propylsulphonium hydroxide, picrate of, 993.
C₈H₂₀NI *tert*-Butylcarbonyltrimethylammonium iodide, 68.

8 IV

- C₈H₄ONCl₃** Trichlorodichloroacetanilide, 143.
C₈H₄O₂NCl 8-Chloro-6-nitro-4-ketobenzdioxin, 700.
C₈H₄O₂NBr 8-Bromo-6-nitro-4-ketobenzdioxin, 700.
C₈H₄O₂N₂Br 4-Bromo-3-nitro-5-(3-pyridyl)pyrazole, 687.
C₈H₆O₂NCl 8-Chloro-6-nitrobenzdioxin, 700.
3-Nitro-4-methoxybenzoyl chloride, 26.
C₈H₆O₂NBr 8-Bromo-6-nitrobenzdioxin, 700.
C₈H₆O₂Cl₂S 3-Chlorosulphonyl-4-methoxybenzoyl chloride, 1380.
5-Chlorosulphonyl-3-methoxybenzoyl chloride, 1374.
C₈H₇OCl₂S Dichlorophenyl β -chloroethyl sulphoxides, 47.
2:4:6-Trichlorophenyl β -hydroxyethyl sulphide, 47.
C₈H₇O₂ClS Chlorosulphonylmethoxybenzoic acids, 1374, 1378.
C₈H₇OCl₂S 2:5-Dichlorophenyl β -hydroxyethyl sulphide, 47.
C₈H₇O₂Cl₂S *p*-Chlorophenyl β -chloroethylsulphone, 46.
C₈H₇ClBrS *p*-Bromophenyl β -chloroethyl sulphide, 46.
C₈H₇ClIS *p*-Iodophenyl β -chloroethyl sulphide, 47.
C₈H₇OClS *p*-Chlorophenyl β -hydroxyethyl sulphide, 46.
C₈H₇OBrS *p*-Bromophenyl β -hydroxyethyl sulphide, 46.
C₈H₉O₃SCl 2-Methoxytoluenesulphonyl chlorides, 1377.
C₈H₉O₃NS Amidosulphonylmethoxybenzoic acids, 1374, 1378.
C₈H₁₀O₄N₂S 3-Amidosulphonyl-4-methoxybenzamide, 1380.
5-Amidosulphonyl-3-methoxybenzamide, 1374.
C₈H₁₁O₂N₂Cl Theobromine methochloride, 668.
C₈H₁₁O₃NS 2-Methoxytoluenesulphonamides, 1377.

8 V

- C₈H₈O₂ClBrS** *p*-Bromophenyl β -chloroethylsulphone, 47.
C₈H₈O₂NCIS *p*-Nitrophenyl- β -chloroethylsulphone, 48.

C₉ Group.

- C₉H₈O₂** β -Phenylpropionic acid, addition of iodine to, 424.
C₉H₇N Quinoline, cuprichloride of, 999.
C₉H₈O₂ *cis*-Cinnamic acid, three forms of, 1453.
C₉H₈N₃ 3-Methyl-5-(3-pyridyl)pyrazole, and its salts, 351.
C₉H₉Cl β -Chloro- α -phenyl- Δ^{α} -propylene, 965.
C₉H₁₀O₄ 2:4-Dihydroxy-6-methoxy-3-methylbenzaldehyde, 719.
 Methylphloracetophenone, 443.
C₉H₁₀O₅ 3-Carbethoxy- Δ^2 -cyclohexeneoxalic acid, 1631.
C₉H₁₂O₃ Methylphloroglucinol α -dimethyl ether, 441.
C₉H₁₂O₄ Ethyl hydrogen Δ^1 -cyclopentene-1:2-dicarboxylate, 1633.
C₉H₁₂O₅ Methyl cyclopentanone-2:3-dicarboxylate, 818.
C₉H₁₂O₆ Methyl Δ^{α} -propene- $\alpha\beta$ -tricarboxylate, 814.
C₉H₁₄O₃ cycloHexanone-2-propionic acid, 1015.
C₉H₁₄O₄ *cis*- and *trans*-*dl*-3-Carboxy-1:1-dimethylcyclopropane-2-propionic acids, resolution of, and their salts, 1223.
C₉H₁₄O₅ Methyl β -keto-*n*-pentane- $\gamma\delta$ -dicarboxylate, 814.
C₉H₁₄O₆ Methyl *n*-propane- $\alpha\beta$ -tricarboxylate, 813.
C₉H₁₆O₂ α -cycloHexylpropionic acid, 1483.
C₉H₁₆O₅ Dimethyl anhydro- α -methylhexoside, 1081.
C₉H₁₈O₆ Trimethylglucose, preparation of, 737.
C₉H₂₀N₂ Pentamethylpiperazines, and their salts, 144.
C₉H₂₁P Triisopropylphosphine, 1044.

9 III

- C₉H₈O₂N₄** 5:7-Dinitroindole-2-carboxamide, 487.
C₉H₇O₂N₃ 5-(3-Pyridyl)pyrazole-3-carboxylic acid, and its picrate, 351.
C₉H₇O₂N₃ ω -Diazo-3-nitro-4-methoxyacetophenone, 26.
C₉H₉O₂N₂ ω -Diazo-*p*-acetylanisole, 375.
 4-Hydroxy-1-methoxyphthalazine, 1334.
 1-Hydroxy-3-methylphthalaz-4-one, 1334.
C₉H₉O₃N₃ α -Ketopropaldehyde nitrophenylhydrazones, 477.
C₉H₉O₂N 2-Hydroxyphenylpyruvic acid oxime, 493.
C₉H₉O₄I 6-Iodo-2:3-dimethoxybenzoic acid, 1623.
C₉H₁₀O₂S Ethyl *p*-mercaptobenzoate, 1507.
C₉H₁₀O₃N₄ ω -Amino- α -ketopropaldehyde nitrophenylhydrazones, 479.
C₉H₁₀O₃S Methylthiolmethoxybenzoic acids, 1378.
C₉H₁₀O₅N₂ 2:6-Dinitro-4-ethoxytoluene, 820.
C₉H₁₀O₅S Methylsulphonylmethoxybenzoic acids, 1377.
C₉H₁₁O₄N 6-Nitro-4-ethoxy-*o*-cresol, 821.
C₉H₁₁O₅N₃ Dinitrodimethyl-*p*-anisidines, 826.
C₉H₁₂OS Methylthiolmethoxytoluenes, 1377.
C₉H₁₂O₂S *p*-Anisyl β -hydroxyethyl sulphide, 47.
C₉H₁₂O₃N₂ 6-Nitro-4-ethoxy-*o*-toluidine, 820.
C₉H₁₃O₂N *o*-Vanillylmethylamine, 278.
C₉H₁₃O₆Br Methyl α -bromo-*n*-propane- $\alpha\beta$ -tricarboxylate, 813.
C₉H₁₅ON 1-Methyltropinone, 1511.
C₉H₁₆O₃S cycloHexylsulphonylacetone, 308.
C₉H₁₇ON α -cycloHexylpropionamide, 1483.
 1-Methyl- ψ -tropine, and its salts, 1512.
C₉H₁₈O₃Pt Ethyl (trimethylplatini)acetoacetate, 22.
C₉H₁₉ON₃ 1-Nitrosopentamethylpiperazine, salts of, 144.
C₉H₂₂OS Tri-*n*-propylsulphonium hydroxide, picrate of, 992.

9 IV

- C₉H₇OCl₄Fe** *iso*Benzpyrylium ferrichloride, 556.
C₉H₄O₃N₃Br₅ $\beta\beta\omega$ -Tribromo- α -ketopropaldehyde 2:6-dibromo-4-nitrophenylhydrazone, 478.
C₉H₅O₂N₃Br₃ $\beta\omega$ -Dibromo- α -ketopropaldehyde 2:6-dibromo-4-nitrophenylhydrazone, 478.
C₉H₅O₃N₃Br₄ $\beta\beta\omega$ -Tribromo- α -ketopropaldehyde bromonitrophenylhydrazones, 478.
C₉H₅O₃N₃Br₃ ω -Bromo- α -ketopropaldehyde 2:6-dibromo-4-nitrophenylhydrazone, 478.
 $\beta\omega$ -Dibromo- α -ketopropaldehyde 2-bromo-4-nitrophenylhydrazone, 478.
 $\beta\beta\omega$ -Tribromo- α -ketopropaldehyde nitrophenylhydrazones, 478.
C₉H₇O₃N₃Br₂ $\beta\omega$ -Dibromo- α -ketopropaldehyde nitrophenylhydrazones, 478.
 α -Ketopropaldehyde 2:6-dibromo-4-nitrophenylhydrazones, 477.
C₉H₇O₂N₃Br₃ ω -Bromo- α -ketopropaldehyde 2-bromo-4-nitrophenylhydrazone, 478.
C₉H₈O₃Na₃ Cinnamonitrile-*p*-arsonic acid, 352.
C₉H₈O₃N₃Br ω -Bromo- α -ketopropaldehyde nitrophenylhydrazones, 478.
 α -Ketopropaldehyde bromonitrophenylhydrazones, 477.
C₉H₈O₄N₃Cl₃ Nitrophenyl-*N'*- $\beta\beta\beta$ -trichloro- α -hydroxyethylureas, 31.
C₉H₁₁OCl₃ *p*-Anisyl β -chloroethyl sulphide, 47.
C₉H₁₁O₂Cl₃ Phenyl γ -chloropropylsulphone, 48.

9 V

- C₉H₁₁O₂I₃SeHg** Phenylmethylselenetine mercuri-iodides, 127.

C₁₀ Group.

C₁₀H₁₈ Decalin, dipole moment of, 652.
*cyclo*Hexanespirocyclopentane, 353.

10 II

- C₁₀H₁₀O₂ 3:4-Dimethoxyphenylacetylene, 1466.
 C₁₀H₁₀O₅ ω -Hydroxyresacetophenone, 372.
 Methyl hæmatommate, 133.
 C₁₀H₁₂O₂ *n*- and *iso*-Eugenols, refractive dispersion of, 557.
dl-Phenylmethylcarbiny acetate, 177.
 C₁₀H₁₂O₃ β -Hydroxy- β -phenyl- α -methylpropionic acid, 965.
 C₁₀H₁₂O₄ 2:4-Dihydroxy-6-methoxy-3-methylacetophenone, 1178.
 2:6-Dihydroxy-4-methoxy-3-methylacetophenone, 1179.
 C₁₀H₁₂O₅ 2-Hydroxy-4:6-dimethoxy-3-methylbenzoic acid, 443.
 C₁₀H₁₄O₂ *m*-Methoxyphenylethylcarbinol, 1094.
 C₁₀H₁₄O₃ β -3:4-Dimethoxyphenylethyl alcohol, 1466.
 4-Methoxy-6-ethoxy-*o*-cresol, 719.
 6-Methoxy-4-ethoxy-*o*-cresol, 822.
 C₁₀H₁₄O₄ Ethyl Δ^1 -*cyclobutene*-1:2-dicarboxylate, 1632.
 1-Ethyl- Δ^2 -*cyclohexene*-1:3-dicarboxylic acid, 1631.
 2-Hydroxy-4:6-dimethoxy-3-methylbenzaldehyde, 442.
 C₁₀H₁₄O₅ Heptane-1:3:7-tricarboxylic anhydride, 1015.
 Methyl 2-methyl*cyclopentanone*-2:3-dicarboxylate, 818.
 C₁₀H₁₅N *tert*-Butylaniline, and its salts, 948.
 C₁₀H₁₅N₂ Nicotine, oxidation of, 350.
 C₁₀H₁₆O₃ β -*n*-Amylglutaric anhydride, 961.
 Methyl *cyclohexanone*-2-propionate, 1015.
 C₁₀H₁₆O₄ Ethyl Δ^{α} -dihydromuconate, 890.
 C₁₀H₁₆O₆ Methyl *n*-butanetricarboxylate, 818.
 Tetramethylascorbic acid, 1287.
 C₁₀H₁₈O₃ Ethyl β -hydroxy- β -*cyclopentyl*propionate, 362.
 C₁₀H₁₈O₄ β -*n*-Amylglutaric acid, 962.
 C₁₀H₁₈O₇ Methyl *d*-arabotrimethoxyglutarate, 641.
 C₁₀H₂₀O γ -*cyclo*Hexyl-*sec*-butyl alcohol, 1484.
dl-*neo*Menthol, optical resolution of, 167.
dl- and *d*-*iso*Menthols, 172.
 C₁₀H₂₀O₆ 2:3:4:6-Tetramethyl α -methylaltrose, 1080.

10 III

- C₁₀H₆O₆N₃ Diketosuccinic anhydride *p*-nitrophenylhydrazone, 1393.
 C₁₀H₆O₂N₂ Nitro- α -naphthylamines, preparation of, 1205.
 C₁₀H₆O₄N₂ 1:5- and 1:8-Dinitronaphthalenes, preparation of, pure, 1346.
 C₁₀H₆O₅N₂ Dinitro- β -naphthols, 288.
 C₁₀H₇O₃N 8-Nitro- α -naphthol, 287.
 C₁₀H₇NCl₂ 2:8-Dichloro-4-methylquinoline, 301.
 C₁₀H₇N₂Cl₅ $\alpha\beta$ -Dichlorocrotonaldehyde 2:4:5-trichlorophenylhydrazone, 1490.
 C₁₀H₈O₂N₂ 5-Nitro-1-naphthylamine, preparation of, 1346.
 C₁₀H₈N₂Cl₄ 2:5-Dichlorobenzeneazo- $\beta\gamma$ -dichloro- Δ^{α} -butylene, 1489.
 C₁₀H₉O₃N Phenoxycetic acid 2-acetonitrile, 492.
 C₁₀H₉O₄As *p*-Arsonobenzylidenemalonic acid, 352.
 C₁₀H₁₀ON₂ 1-Methoxy-4-methylphthalazine, and its picrate, 1333.
 C₁₀H₁₀ON₄ 3-Acetamido-5-(3-pyridyl)pyrazole, 687.
 C₁₀H₁₀O₂N₂ 1-Methoxy-3-methylphthalaz-4-one, 1334.
 Nitro-2:3-dimethylindoles, 957.
 C₁₀H₁₁ON Hydroxymethylmethylindoles, 958.
 C₁₀H₁₁O₃N 3:4-Dimethoxymandelonitrile, 1466.
 C₁₀H₁₁O₃Cl α -Chloro- β -hydroxy- β -phenyl- α -methylpropionic acid, 965.
 C₁₀H₁₂O₂N₂ β -(*o*-Formylphenyl)propaldehyde dioxime, 554.
 C₁₀H₁₂O₃N₂ 3-Nitro-2-hydroxy-2:3-dimethyl-2:3-dihydroindole, 958.
 C₁₀H₁₂O₂N₂ Acetyl-6-nitro-4-methoxy-*o*-toluidine, 441.
 C₁₀H₁₂O₄N₄ Ethyl α -aminoglyoxylate *m*-nitrophenylhydrazone, 1146.
 Ethyl α -aminoglyoxylate nitrophenylhydrazones, 477.
 C₁₀H₁₂O₅S₂ α -*p*-Carboxyphenylsulphonyl- α -methylthioethane, 1510.
 C₁₀H₁₂O₆N₄ Xanthosine, 667.
 C₁₀H₁₂O₅S₂ α -*p*-Carboxyphenylsulphonyl- α -methylsulphonylethane, and its salts, 1510.
 C₁₀H₁₃O₃N Homoveratramide, 1466.
m-Nitrophenyl *n*-butyl ether, 661.
 Nitrosoresorcinol 3-*n*-butyl ethers, 661.
 C₁₀H₁₃O₄N 6-Methoxy-4-ethoxy-*o*-toluidine, 822.
 Nitro-3-*n*-butoxyphenols, 661.
 C₁₀H₁₃O₅N₅ Guanosine, enzymatic preparation of, 667.
 C₁₀H₁₄ON₂ Phenyl-*tert*-butylnitrosamine, 948.
 C₁₀H₁₄O₂Br₂ Ethyl 1:2-dibromocyclobutane-1:2-dicarboxylate, 1632.
 C₁₀H₁₅ON *m*-*n*-Butoxyaniline, 661.

- C₁₀H₁₅OI** 10-Iodocamphor, 825.
C₁₀H₁₅O₂N Vanillylethylamines, 278.
C₁₀H₁₅O₂N₃ Methyl *cyclopentanone-2:3*-dicarboxylate semicarbazone, 818.
C₁₀H₁₆OAs Benzyltrimethylarsonium hydroxide, salts of, 99.
C₁₀H₁₇O₂N₃ Methyl β -keto-*n*-pentane- γ -dicarboxylate semicarbazone, 814.
C₁₀H₂₀O₂Pt Trimethylplatinum dipropionylmethane, 22.
C₁₀H₂₄OS Di-*n*-propyl-*n*-butylsulphonium hydroxide, picrate of, 993.
 Ethyl*diisobutyl*sulphonium hydroxide, picrate of, 993.
C₁₀H₂₄IP Methyltri*isopropyl*phosphonium iodide, 1044.

10 IV

- C₁₀H₈O₂N₂Br** 1-Bromo-2:4-dinitronaphthalene, 1621.
C₁₀H₈O₂N₂I 1-Iodo-2:4-dinitronaphthalene, 1621.
C₁₀H₈ONCl 8-Chloro-2-hydroxy-4-methylquinoline, 301.
C₁₀H₈ON₂Cl₁ β -Chloro- α -ketobutaldehyde 2:4:5-trichlorophenylhydrazone, 1490.
C₁₀H₈O₂NCl₃ Trichlorodiacyetanilide, 143.
C₁₀H₈O₂N₂Cl₄ Ethyl ω -chloroglyoxylate trichlorophenylhydrazone, 1490.
C₁₀H₈O₂N₂Tl Thallium 4-*isonitroso*-1-phenyl-3-methyl-5-pyrazolone, 842.
C₁₀H₈O₄N₂Cl₃ Ethyl α -chloroglyoxylate 2:6-dichloro-4-nitrophenylhydrazone, 1145.
C₁₀H₈O₄N₂Br₃ Ethyl α -bromoglyoxylate 2:6-dibromo-4-nitrophenylhydrazone, 477.
C₁₀H₈O₂N₂Cl₃ Ethyl glyoxylate trichlorophenylhydrazone, 1490.
C₁₀H₈O₄N₂Cl₃ Ethyl α -chloroglyoxylate chloronitrophenylhydrazones, 1145.
C₁₀H₈O₄N₂Br₂ Ethyl α -bromoglyoxylate 2-bromo-4-nitrophenylhydrazone, 477.
C₁₀H₁₀O₂N₂Cl₂ Ethyl glyoxylate 2:5-dichlorophenylhydrazone, 1490.
C₁₀H₁₀O₂N₂Cl₃ Ethyl ω -aminoglyoxylate trichlorophenylhydrazone, 1490.
C₁₀H₁₀O₄NAs *p*-Oxyarsinomethylmalonanilic acid, 1066.
C₁₀H₁₀O₄N₂Cl₃ Ethyl α -chloroglyoxylate nitrophenylhydrazones, 1145.
C₁₀H₁₀O₄N₂Cl₃ *N*-Nitrophenyl-*N'*- $\beta\beta\beta$ -trichloro- α -methoxyethylureas, 32.
C₁₀H₁₀O₄N₂Br Ethyl α -bromoglyoxylate nitrophenylhydrazones, 477.
C₁₀H₁₀O₄N₂Cl₂ Ethyl α -aminoglyoxylate 2:6-dichloro-4-nitrophenylhydrazone, 1146.
C₁₀H₁₀O₄N₂Br₂ Ethyl α -aminoglyoxylate 2:6-dibromo-4-nitrophenylhydrazone, 477.
C₁₀H₁₀O₄NAs Succinyl-*p*-arsonic acid, 93.
C₁₀H₁₁O₂N₂Cl₃ *N*-Tolyl-*N'*- $\beta\beta\beta$ -trichloro- α -hydroxyethylureas, 31.
C₁₀H₁₁O₄N₂Cl Ethyl α -aminoglyoxylate 4-chloro-2-nitrophenylhydrazone, 1146.
C₁₀H₁₁O₄N₂Br Ethyl α -aminoglyoxylate 2-bromo-4-nitrophenylhydrazone, 477.
C₁₀H₁₂O₆NAs *p*-Arsonomethylmalonanilic acid, 1066.
p-Arsonosuccinylmalonanilic acid, 93.
C₁₀H₁₃O₂N₂As Methylmalonanilamide-*p*-arsonic acid, and its sodium salt, 1066.
C₁₀H₁₃N₃Cl₂Pt α -Chloroamminodipyridinoplatinous chloride, 1058.
C₁₀H₁₅OClHg Camphor-10-mercurichloride, 824.
C₁₀H₁₅OBrHg Camphor-10-mercuribromide, 825.
C₁₀H₁₅OIHg Camphor-10-mercuriodide, 825.
C₁₀H₁₆ONI 10-Iodocamphoroxime, 825.
C₁₀H₁₈ONI 1-Methyltropinone methiodide, 1511.

10 V

- C₁₀H₁₀O₃NCl₂As** *p*-Dichloroarsinomethylmalonanilic acid, 1066.
C₁₀H₁₆ON₂Cl₂Pt α -Hydroxylaminoamminodipyridinoplatinous chloride, 1059.

C₁₁ Group.

- C₁₁H₁₀O₂** 6:7-Dihydroxy-2-methylnaphthalene, 86.
 2-Ethylchromone, 433.
C₁₁H₁₀O₄ 3:4-Dimethoxyphenylpropionic acid, 1466.
C₁₁H₁₀O₅ Usnetinic acid, 1178.
C₁₁H₁₂O₂ 6-Methoxy-2:3-dimethylcoumarone, 717.
 δ -Phenyl- Δ^{α} -pentenoic acid, 966.
C₁₁H₁₂O₃ 2-Acetoacetyl-4-methylphenol, 1389.
 γ -Hydroxy- δ -phenyl- Δ^{α} -pentenoic acid, 967.
 Methyl 4-methoxycinnamate, 609.
 Usneol, 714.
C₁₁H₁₂O₄ *O*-Acetyl*isoev*erninaldehyde, 495.
 Ethyl 2-aldehydophenoxyacetate, 492.
C₁₁H₁₄O₂ *p*-Cymenecarboxylic acids, 983.
C₁₁H₁₄O₃ Ethyl β -hydroxy- β -phenylpropionate, 964.
 β -Hydroxy- δ -phenylvaleric acid, 966.
 Methyl α -3-methoxyphenoxyethyl ketone, 717.
 γ -Phenoxy- β -methylbutyric acid, 272.
C₁₁H₁₄O₄ 2-Hydroxy-4:6-dimethoxy-3-methylacetophenone, 443.
 2-Hydroxy-6-methoxy-4-ethoxy-3-methylbenzaldehyde, 719.
C₁₁H₁₄O₅ Ethyl hydrogen 3-carbethoxy- Δ^2 -*cyclohexene*oxalate, 1631.
 2-Hydroxy-6-methoxy-4-ethoxy-3-methylbenzoic acid, 719.
 Methyl 2:6-dihydroxy-4-ethoxy-3-methylbenzoate, 718.
 Methyl 2-hydroxy-4:6-dimethoxy-3-methylbenzoate, 442.

- C₁₁H₁₄N₂** α -Ethylanilinopropionitrile, 349.
C₁₁H₁₆O₂ δ -*n*-Valerolactone, preparation of, 583.
C₁₁H₁₆O₃ Methylphloroglucinol α -diethyl ether, 821.
C₁₁H₁₇N *tert.*-Amylaniline, and its hydrochloride, 949.
C₁₁H₁₇As 2:4:6-Trimethylphenyldimethylarsine, 1592.
C₁₁H₁₈O₆ Methyl β -methyl-*n*-butane- $\alpha\alpha\delta$ -tricarboxylate, 813.
C₁₁H₁₈N₂ α -Amino- β -ethylanilinopropane, salts of, 349.
C₁₁H₂₀O₄ α -Methyl- α' -*n*-amylglutaric acid, 509.
C₁₁H₂₀O₇ 4-Acetyl-2:3-dimethyl α -methylglucoside, 738.

11 III

- C₁₁H₁₀ON₃** 2-Methylcyclohexylideneacetone semicarbazone, 1484.
C₁₁H₁₀O₂N₂ 1-Acetoxy-4-methylphthalazine, 1334.
C₁₁H₁₀O₂N₂ 4-Acetoxy-1-methoxyphthalazine, 1335.
 1-Acetoxy-3-methylphthalaz-4-one, 1334.
C₁₁H₁₁O₂N 2-Hydroxy-6-methoxy-4-methylquinoline, 1032.
 Substance, from 2:6-dimethoxy-4-methylquinoline, formaldehyde and piperidine, 301.
C₁₁H₁₁O₂Cl β -Chloro- γ -hydroxy- δ -phenylvalerolactone, 967.
C₁₁H₁₁O₄N 5-Methoxyphenoxyacetic acid 2-acetonitrile, 491.
C₁₁H₁₁O₄N 3-Nitro- ω -acetoxy-4-methoxyacetophenone, 26.
C₁₁H₁₂O₄N₂ ω -Diazo-3:4:5-trimethoxyacetophenone, 375.
C₁₁H₁₃O₂N 9:10-Dihydroxytetrahydropentindole, 300.
C₁₁H₁₃O₂Cl γ -Phenoxy- α -methylbutyryl chloride, 273.
C₁₁H₁₃O₃N 4-Hydroxy-6:7-methylenedioxy-2-methyltetrahydroisoquinoline, picrate of, 279.
C₁₁H₁₃O₃Cl α -Chloro- β -hydroxy- δ -phenylvaleric acid, 966.
C₁₁H₁₃O₄N 3-Amino- ω -acetoxy-4-methoxyacetophenone, 26.
C₁₁H₁₃O₄Br 3:4:5-Trimethoxyphenacyl bromide, 375.
C₁₁H₁₄ON₂ Cytisine, and its perchlorate, 507.
C₁₁H₁₄O₄N₂ Acetyl-6-nitro-4-ethoxy-*o*-toluidine, 821.
C₁₁H₁₅O₂N γ -Phenoxy- α -methylbutyramide, 273.
C₁₁H₁₅O₃N Acetyl-4:6-dimethoxy-*o*-toluidine, 441.
C₁₁H₁₅ClS Mesityl β -chloroethyl sulphide, 46.
C₁₁H₁₆ON₂ Phenyl-*tert.*-amylnitrosoamine, 950.
C₁₁H₁₆OS Mesityl β -hydroxyethyl sulphide, 46.
C₁₁H₁₆O₂N₂ β -*p*-Nitrophenylethyltrimethylamine, salts of, 524.
C₁₁H₁₆O₂S₃ Phenylsulphonylethylsulphonylethylthiomethane, 308.
C₁₁H₁₇ON α -*m*-Hydroxyphenylpropyldimethylamines, and their salts, 1095.
 m-Methoxydiethylaniline, 1270.
C₁₁H₁₇IS β -Phenylethylmethylethylsulphonium iodide, 535.
C₁₁H₁₉ON *trans*-Hexahydrohydrindene-2-acetamide, 1487.
C₁₁H₁₉ON₃ α -Methylcyclohexylideneacetone semicarbazone, 1482.
C₁₁H₁₉OAS Benzylidimethylethylarsonium hydroxide, salts of, 100.
C₁₁H₁₉O₂N α -Methyl- α' -*n*-amylglutarimide, 509.
C₁₁H₂₁ON₃ α -Methyl- α -cyclohexylacetone, 1484.
C₁₁H₂₆OS *n*-Propyl-di-*n*-butylsulphonium hydroxide, picrate of, 993.

11 IV

- C₁₁H₉O₂BrS** 6-Bromo-2-naphthylene 1-thiolcarbonate, 787.
C₁₁H₇O₄N₃Cl₂ 4-Chloro-2:6-dinitrophenylpyridinium chloride, 313.
C₁₁H₇O₄N₃Br₂ 4-Bromo-2:6-dinitrophenylpyridinium bromide, 313.
C₁₁H₁₀ONCl 8-Chloro-2-methoxy-4-methylquinoline, 301.
C₁₁H₁₂O₂NBr₃ Benz- $\beta\beta\gamma$ -tribromo- α -hydroxybutylamide, 995.
C₁₁H₁₂O₄N₃Cl₃ *N*-Nitrophenyl-*N'*- $\beta\beta\beta$ -trichloro- α -ethoxyethylureas, 32.
C₁₁H₁₃O₂N₂Cl₃ *N*-Tolyl-*N'*- $\beta\beta\beta$ -trichloro- α -methoxyethylureas, 31.
C₁₁H₁₄O₂NAs Methyl *p*-arsonomethylmalonanilate, and its sodium salt, 1066.
C₁₁H₁₅OClS Mesityl β -chloroethyl sulphoxide, 46.
C₁₁H₁₅O₂ClS Mesityl β -chloroethylsulphone, 46.
C₁₁H₁₅O₂N₂As Methylmalonanilomethylamide-*p*-arsonic acid, and its sodium salt, 1066.
C₁₁H₁₆O₂NCl 1-Dimethylamino-5-furyl- Δ^4 -penten-3-one hydrochloride, 839.

11 V

- C₁₁H₇O₂N₃ClBr** Bromodinitrophenylpyridinium chlorides, 313.
C₁₁H₇O₂N₃ClI Iododinitrophenylpyridinium chlorides, 313.
C₁₁H₁₂O₂NClBr₂ Benz- β -chloro- $\beta\gamma$ -dibromo- α -hydroxybutylamide, 995.
C₁₁H₁₂O₂NCl₂Br Benz- $\beta\gamma$ -dichloro- β -bromo- α -hydroxybutylamide, 995.
C₁₁H₁₅O₂N₂Cl₄Au 3- β -Glucosido-4-methylglyoxaline methochloroaurate, 666.

C₁₂ Group.

- C₁₂H₁₂** 1:3-Dimethylnaphthalene, 437.
C₁₂H₁₄ γ -Phenyl- α -methylbutadiene, 1497.
C₁₂H₁₆ Dimethyltetrahydronaphthalenes, 436.

12 II

- C₁₂H₁₆O₂** 2:3-Dihydropentachromone, 235.
 Podophyllomerol, 86.
C₁₂H₁₆N₂ Harman, 615.
C₁₂H₁₆Cl₂ Di(chloromethyl)naphthalene, 485.
C₁₂H₁₁Cl β -1-Naphthylethyl chloride, 1107.
C₁₂H₁₁Br 1-Bromo-4:8-dimethylnaphthalene, and its picrate, 23.
 β -1-Naphthylethyl bromide, 1014.
C₁₂H₁₂O₂ 6-Methyl-2-ethylchromone, 1389.
C₁₂H₁₂O₃ 7-Methoxy-2-ethylchromone, 432.
C₁₂H₁₂O₄ β -3:4-Dimethoxybenzoylpropionic lactone, 1088.
C₁₂H₁₂O₅ Pyrousnic acid, 1173.
C₁₂H₁₂O₇ 5-Methoxyphenoxyacetic-2-pyruvic acid, 491.
C₁₂H₁₄O 1-Ketodimethyltetrahydronaphthalenes, 436.
C₁₂H₁₄O₃ 4:6-Dimethoxy-2:3-dimethylcoumarone, 717.
 2-Propionacetyl-4-methylphenol, 1388.
C₁₂H₁₄O₅ Ethyl 2-aldehydro-5-methoxyphenoxyacetate, 491.
C₁₂H₁₅N 2:2:4-Trimethyl-1:2-dihydroquinoline, 1328.
C₁₂H₁₆O 1:7-Dimethyltetrahydro-1-naphthol, 436.
C₁₂H₁₆O₂ γ -o-Xylyl-*n*-butyric acid, 436.
C₁₂H₁₆O₃ Ethyl β -hydroxy- β -phenyl- α -methylpropionate, 965.
C₁₂H₁₆O₄ Ethyl homoveratrate, 1466.
 Ethyl α -3-methoxyphenoxypropionate, 716.
 Methyl α -3:5-dimethoxyphenoxyethyl ketone, 717.
C₁₂H₁₆O₅ Methyl 2-hydroxy-6-methoxy-4-ethoxy-3-methylbenzoate, 717.
 Methyl 2:4:6-trimethoxy-3-methylbenzoate, 442.
C₁₂H₁₈O *d-n*-Butyl α -phenylethyl ether, 178.
C₁₂H₁₈O₂ *m*-Methoxyphenyl-*n*-butylcarbinol, 1097.
 α -Methyl-*trans*-hexahydroindene-2-acetic acid, 1486.
C₁₂H₁₈O₄ Ethyl tetrahydrophthalates, 1630, 1633.
C₁₂H₁₈O₅ Ethyl cyclohexanone-2:6-dicarboxylate, 1630.
C₁₂H₁₈O₁₀ Methyl $\alpha\beta$ -dimethoxyethane- $\alpha\alpha\beta\beta$ -tetracarboxylate, 643.
C₁₂H₁₉N *tert*-Hexylaniline, and its hydrochloride, 950.
C₁₂H₂₀N₂ α -Methyl-*trans*-hexahydroindene-2-acetic acid, 1487.
C₁₂H₂₀O₃ Ethyl 2:6-dimethylcyclohexanone-2-acetate, 1015.
C₁₂H₂₇P Tri-*sec*-butylphosphine, 1044.

12 III

- C₁₂H₄Cl₆S₂** Hexachlorodiphenyl disulphide, 47.
C₁₂H₆Cl₄S₂ 2:4:2':4'-Tetrachlorodiphenyl disulphide, 47.
C₁₂H₆O₂Tl₂ Dithallium diphenyl, 1229.
C₁₂H₉O₂Cl 6-Chloro-2:3-dihydropentachromone, 1588.
 r - α -Naphthachloroacetic acid, 36.
C₁₂H₉O₂Tl Thallium diphenol, 1229.
C₁₂H₉O₃N₂ Nitroaceto- α -naphthalides, 1205.
C₁₂H₉O₄N₂ 6-Nitro-2:3-dihydropentachromone, 235.
C₁₂H₉O₅N₃ 3-Carbethoxy-4:5-diketo-1-*p*-nitrophenylpyrazolone hydrate (+ H₂O₂), 1393.
C₁₂H₁₀O₂N₂ 1:4-Diacetoxypthalazine, 1335.
C₁₂H₁₀O₆N₄ 3-Carbethoxy-4-ketoisooxazolone-4-*p*-nitrophenylhydrazone, 1392.
 4-Oximino-3-carbethoxy-1-*p*-nitrophenyl-5-pyrazolone, 1393.
C₁₂H₁₀NBr 3-Bromo-2'-aminodiphenyl, 1591.
C₁₂H₁₀Cl₂S Chloro- β -naphthyl β -chloroethyl sulphide, 48.
C₁₂H₁₁O₂N 6-Amino-2:3-dihydropentachromone, 235.
C₁₂H₁₁O₅N₃ 4-Hydroxy-3-carbethoxy-1-(nitrophenyl)pyrazoles, 479.
C₁₂H₁₁O₆N₃ 1-Ethyl 2-hydrogen diketosuccinate *p*-nitrophenylhydrazone, 1393.
C₁₂H₁₁ClS Naphthyl β -chloroethyl sulphides, 47.
C₁₂H₁₂OS Naphthyl β -hydroxyethyl sulphide, 47.
C₁₂H₁₂O₃N₂ Nitro-1-acetyl-2:3-dimethylindole, 958.
C₁₂H₁₂O₃S Naphthyl- α -hydroxyethylsulphones, 47.
C₁₂H₁₂N₂S₂ 2:2'-Diaminodiphenyl disulphide, picrate of, 297.
C₁₂H₁₃ON 1-Acetyl-2:3-dimethylindole, 958.
 10-Hydroxy-1:2:3:10-tetrahydrocarbazole, 299.
C₁₂H₁₃O₂N 1-Acetyl-2-hydroxymethyl-3-methylindole, 958.
 2:6-Dimethoxy-4-methylquinoline, 301.
 2-Hydroxy-6-ethoxy-4-methylquinoline, 1032.
C₁₂H₁₃O₄Cl δ -5-Chloro-2-hydroxybenzoylvaleric acid, 1588.
C₁₂H₁₃O₅N 4:5-Dimethoxyphenoxyacetic acid-2-acetonitrile, 1164.
C₁₂H₁₃O₅N₃ Ethyl nitrophenylazoacetates, 476.
C₁₂H₁₃O₇N β -2-Nitro-4:5-dimethoxybenzoylpropionic acid, 1467.
 β -6-Nitro-3:4-dimethoxybenzoylpropionic acid, 1089.
C₁₂H₁₃NBr₄ 3:4:6:8-Tetrabromo-2:2:4-trimethyl-1:2:3:4-tetrahydroquinoline, 1329.
C₁₂H₁₄O₃S *p*-Carbethoxyphenylthioacetone, 1507.
C₁₂H₁₄O₄N₄ Mesityl oxide 2:4-dinitrophenylhydrazone, 731.
C₁₂H₁₄O₅S *p*-Carbethoxyphenylsulphonylacetone, 1508.
C₁₂H₁₄NCl Chloro-2:2:4-trimethyl-1:2-dihydroquinolines, 1330.

- C₁₂H₁₅O₄N₃** Ethyl 2-aldehydophenoxyacetate semicarbazone, 492.
C₁₂H₁₅O₃N β -2-Amino-4:5-dimethoxybenzoylpropionic acid, 1467.
 β -6-Amino-3:4-dimethoxybenzoylpropionic acid, 1089.
C₁₂H₁₆O₂N₂ Nitroso- β -phenylaminoisobutyl methyl ketone, 366.
C₁₂H₁₇ON *tert.*-Butylacetanilide, 948.
C₁₂H₁₇O₃N Acetyl-6-methoxy-4-ethoxy-*o*-toluidine, 822.
C₁₂H₁₇O₃N₃ Methyl- α -3-methoxyphenoxyethyl ketone semicarbazone, 717.
C₁₂H₁₇O₃N₃ α -Diethylamino- β -(2:4-dinitrophenyl)ethane, picrate of, 302.
C₁₂H₁₈ON₂ Phenyl-*tert.*-hexylnitrosoamine, 950.
C₁₂H₁₈O₂N₂ 4-Nitroso-3-*n*-butoxydimethylaniline, and its hydrochloride, 661.
C₁₂H₁₉ON 3-*n*-Butoxydimethylaniline, 661.
m-Ethoxydiethylaniline, 1268.
 α -*m*-Hydroxyphenyl-*n*-butyldimethylamine, and its salts, 1097.
 α -Methoxyphenylpropyldimethylamines, and their salts, 1094.
 α -Methyl-*trans*-hexahydroindene-2-acetamide, 1486.
C₁₂H₂₀As 2:4:6-Trimethylphenyldimethylarsine methiodide, 1592.
C₁₂H₂₁ON *trans*-Hexahydrohydrindyl-2-acetoxime, 1487.
 α -Methyl-*trans*-hexahydrohydrindene-2-acetamide, 1487.
C₁₂H₂₁O₃Br₃ β -Bromo-*n*-butaldehyde trimeride, 818.

12 IV

- C₁₂H₈O₂NBr** 3-Bromo-2'-nitrodiphenyl, 1591.
C₁₂H₈O₅N₃Cl₃ 5-Chloro-3-carbethoxy-4-hydroxy-1-(2':6'-dichloro-4'-nitrophenyl)pyrazole, 1392.
 5:5-Dichloro-3-carbethoxy-1-(2'-chloro-4'-nitrophenyl)-4-pyrazolone, 1391.
C₁₂H₈O₅N₃Br₃ 5-Bromo-4-hydroxy-3-carbethoxy-1-(2':6'-dibromo-4'-nitrophenyl)pyrazole, 479.
C₁₂H₈O₅N₃Cl₅ Acetyl- $\alpha\beta$ -dichlorocrotonaldehyde 2:4:5-trichlorophenylhydrazone, 1490.
C₁₂H₈O₅N₃Cl₃ 4-Hydroxy-3-carbethoxy-1-(2':6'-dichloro-4'-nitrophenyl)pyrazole, 1146.
C₁₂H₈O₅N₃Cl₃ 5:5-Dichloro-3-carbethoxy-1-nitrophenyl-4-pyrazolones, 1391.
C₁₂H₈O₅N₃Br₂ 5-Bromo-4-hydroxy-3-carbethoxy-1-(2'-bromo-4'-nitrophenyl)pyrazole, 479.
 4-Hydroxy-3-carbethoxy-1-(2':6'-dibromo-4'-nitrophenyl)pyrazole, 479.
C₁₂H₈O₅N₃Br₄ Ethyl 2:6-dibromo-4-nitrophenylazo- $\gamma\gamma$ -dibromoacetoacetate, 478.
C₁₂H₈O₆N₃Cl₂ 5-Chloro-3-carbethoxy-4-hydroxy-1-(2'-chloro-4'-nitrophenyl)pyrazole, 1391.
C₁₂H₁₀ON₂Cl₄ Acetyl- $\alpha\beta$ -dichlorocrotonaldehyde 2:5-dichlorophenylhydrazones, 1489.
C₁₂H₁₀ON₂Cl₆ $\alpha\alpha\beta\beta$ -Tetrachlorobutaldehyde 2:5-dichloro-*N*-acetylphenylhydrazone, 1489.
C₁₂H₁₀O₂N₃Br 3-Bromo-2'-nitrobenzidine, 1590.
C₁₂H₁₀O₂BrAs 3'-Bromodiphenyl-2-arsonic acid, 1591.
C₁₂H₁₀O₂N₃Cl 5-Chloro-3-carbethoxy-4-hydroxy-1-nitrophenylpyrazoles, 1391.
 4-Hydroxy-3-carbethoxy-1-(2'-chloro-4'-nitrophenyl)pyrazole, 1146.
C₁₂H₁₀O₃N₃Cl₃ Ethyl 2:6-dichloro-4-nitrophenylazo- γ -chloroacetoacetate, 1146.
C₁₂H₁₀O₃N₃Br 5-Bromo-4-hydroxy-3-carbethoxy-1-(nitrophenyl)pyrazoles, 479.
 4-Hydroxy-3-carbethoxy-1-(2'-bromo-4'-nitrophenyl)pyrazole, 479.
C₁₂H₁₀O₃N₃Br₂ Ethyl 2:6-dibromo-4-nitrophenylazo- γ -bromoacetoacetate, 477.
C₁₂H₁₀O₃N₃Br₃ Ethyl 2-bromo-4-nitrophenylazo- $\gamma\gamma$ -dibromoacetoacetate, 478.
C₁₂H₁₁O₂ClS Naphthyl- β -chloroethylsulphones, 47.
C₁₂H₁₁O₃N₃Cl₂ Ethyl chloronitrophenylazo- γ -chloroacetoacetate, 1146.
 Ethyl 2:6-dichloro-4-nitrophenylazoacetoacetate, 1145.
C₁₂H₁₁O₃N₃Br₂ Ethyl 2-bromo-4-nitrophenylazo- γ -bromoacetoacetate, 477.
 Ethyl 2:6-dibromo-4-nitrophenylazoacetoacetate, 476.
 Ethyl nitrophenylazo- $\gamma\gamma$ -dibromoacetoacetates, 477.
C₁₂H₁₂ONCl 2-Chloro-6-ethoxy-4-methylquinoline, 1032.
C₁₂H₁₂ONBr 1-Acetyl-2-bromomethyl-3-methylindole, 958.
C₁₂H₁₂O₂N₃Cl Ethyl chloronitrophenylazoacetoacetates, 1145.
 Ethyl nitrophenylazo- γ -chloroacetoacetates, 1146.
C₁₂H₁₂O₃N₃Br Ethyl nitrophenylazo- γ -bromoacetoacetates, 477.
C₁₂H₁₄O₂NAs *p*-Oxyarsinoadipanic acid, 92.
C₁₂H₁₅O₂N₂Cl₃ *N*-Tolyl-*N'*- $\beta\beta\beta$ -trichloro- α -ethoxyureas, 31.
C₁₂H₁₆O₆NAs *p*-Arsinoadipanic acid, 92.
 Ethyl *p*-arsinomethylmalonanilate, and its sodium salt, 1066.
C₁₂H₁₆O₁₂BK Potassium methyl borotartrate, 955.
C₁₂H₁₇O₂N₂As Adipamidamide-*p*-arsonic acid, and its sodium salt, 92.
 Methylmalonaniloethylamide-*p*-arsonic acid, and its sodium salt, 1066.

12 V

- C₁₂H₉O₂N₂ClS** 4-Chloro-2-nitro-2'-aminodiphenyl sulphide, 1492.
C₁₂H₉O₂N₂ClS 4-Chloro-2-nitro-2'-aminodiphenyl sulphoxide, 1492.
C₁₂H₁₀O₅N₃Cl₂Br Ethyl 2:6-dichloro-4-nitrophenylazo- γ -bromoacetoacetate, 1146.
C₁₂H₁₁O₅N₃ClBr Ethyl 2-chloro-4-nitrophenylazo- γ -bromoacetoacetate, 1146.
C₁₂H₁₄O₃NCl₂As *p*-Dichloroarsinoadipanic acid, 92.
C₁₂H₁₈N₆I₆FeHg₂ Hexamethylferrocyanogen mercuri-iodides, 103.

C₁₃ Group.

- C₁₃H₁₂** 4:5-Benzohydrindene, 1085.
C₁₃H₁₆ Hexahydrofluorene, 1109.
 1:2-*cyclo*Pentano-1:2:3:4-tetrahydronaphthalene, 1085.

13 II

- C₁₃H₉N** 2-Phenylacetylenylpyridine, nitration of, 79.
C₁₃H₁₀O Diphenylaldehydes, 43, 44.
C₁₃H₁₀O₄ Podophyllomeric acid, 85.
C₁₃H₁₀I₂ 3:5-Di-iododiphenylmethane, 1063.
C₁₃H₁₁N 2-Stilbazole, nitration of, 79.
C₁₃H₁₂O₂ 4:8-Dimethyl-1-naphthoic acid, 23.
 2-Hydroxy-5-methyldiphenyl, 1404.
 1:2:3:4-Tetrahydroxanthone, reactions of, 232.
C₁₃H₁₂O₅ 5:6-Dimethoxy-1-hydrindone-2-glyoxylic acid, 611.
C₁₃H₁₃N Phenylbenzylamines, and their picrates, 43, 44.
 2-β-Phenylethylpyridine, nitration of, 79.
C₁₃H₁₄O₂ 6:7-Dimethoxy-2-methylnaphthalene, 86.
C₁₃H₁₄O₃ 7-Methoxy-3-methyl-2-ethylchromone, 433.
C₁₃H₁₄O₄ Usnetol, 1173.
C₁₃H₁₄O₅ 6-Hydroxy-4-methoxy-2:3:5-trimethylcoumarone-7-carboxylic acid, 718.
 Methyl 4:6-dihydroxy-2:3:7-trimethylcoumarone-5-carboxylate, 720.
C₁₃H₁₄N₂ 2-β-Aminophenylethylpyridines, 81.
p-Dimethylaminophenylpyridine, 1499.
C₁₃H₁₅N β-Naphthylisopropylamine, action of heat on hydrochloride of, 496.
C₁₃H₁₆O 1-Keto-7-isopropyltetrahydronaphthalene, 436.
C₁₃H₁₆O₃ 4:6-Dimethoxy-2:3:7-trimethylcoumarone, 718.
O-Dimethylusneol, 716.
 6-Hydroxy-4-ethoxy-2:3:5-trimethylcoumarone, 720.
 Keto-6:7-dimethoxy-2-methyl-1:2:3:4-tetrahydronaphthalenes, 86.
C₁₃H₁₆O₄ Ethyl 3:4-dimethoxycinnamate, 1466.
ε-*o*-Hydroxybenzoylhexoic acid, 234.
C₁₃H₁₆O₇ Ethyl methylphloroglucinoldicarboxylate, 440.
C₁₃H₁₈O 2-β-Phenylethylcyclopentanol, 1085.
 1:5:8-Trimethyltetrahydronaphthol, 436.
C₁₃H₁₈O₂ γ-*p*-Cumyl-*n*-butyric acid, 436.
 β-2-Cymylpropionic acid, 129.
C₁₃H₁₈O₃ 2:6-Dimethoxyisovalerophenone, 1164.
 Ethyl γ-phenoxy-*α*-methylbutyrate, 272.
C₁₃H₁₈O₄ 2-Hydroxy-4:6-dimethoxy-3-methyl-*n*-butyrophenone, 823.
 Methyl *α*:3:5-dimethoxy-2-methylphenoxyethyl ketone, 718.
C₁₃H₁₈O₅ Ethyl 3-carbethoxy-*Δ*²-cyclohexeneoxalate, 1631.
 Methyl 2:6-dimethoxy-4-ethoxy-3-methylbenzoate, 719.
C₁₃H₂₁N Methyl-*tert*.-hexylaniline, and its picrate, 950.

13 III

- C₁₃H₅O₂N₂** 2-Nitrophenylacetylenylpyridines, 83.
C₁₃H₅O₂Br₂ *o*-Bromophenyl *o*-bromobenzoate, 1402.
C₁₃H₅O₈N₆ 3:5-Dinitrobenzaldehyde 2:4-dinitrophenylhydrazone, 315.
C₁₃H₅O₁₀N₄ 3:3':5:5'-Tetranitro-2:2'-dihydroxydiphenylmethane, 700.
C₁₃H₅OCl Diphenyl-4-carboxyl chloride, 42.
C₁₃H₅O₃N Nitrodiphenyl-4'-aldehydes, 971.
C₁₃H₅O₄N₃ 3':5'-Dinitrobenzylideneaniline, 315.
 Dinitrostilbazoles, 82.
C₁₃H₅O₆N₅ 3:5-Dinitrobenzaldehyde *p*-nitrophenylhydrazone, 315.
C₁₃H₁₀O₂N₂ Nitrostilbazoles, 82.
C₁₃H₁₀O₂Br₂ Dibromotetrahydroxanthone, 234.
C₁₃H₁₀O₂N₄ 3:5-Dinitrobenzaldehyde phenylhydrazone, 315.
C₁₃H₁₀O₆N₂ 5:5'-Dinitro-2:2'-dihydroxydiphenylmethane, 699.
C₁₃H₁₀NBr₃ 3:5:4'-Tribromo-4-aminodiphenylmethane, 1062.
C₁₃H₁₁O₂Cl 7-Chlorotetrahydroxanthone, 233.
C₁₃H₁₁O₂Br 7-Bromotetrahydroxanthone, 234.
C₁₃H₁₁O₄N 7-Nitrotetrahydroxanthone, 233.
C₁₃H₁₁O₄N₃ 3:4'-Dinitro-4-aminodiphenylmethane, 1064.
C₁₃H₁₁O₄As 9-Fluoreno-2-arsonic acid, and its sodium salt, 1456.
C₁₃H₁₁NBr₂ 3:5-Dibromo-4-aminodiphenylmethane, 1062.
C₁₃H₁₁NI₂ 3:5-Di-iodo-4-aminodiphenylmethane, 1063.
C₁₃H₁₂O₂N₂ 3-β-Nitrophenylethylpyridines, 81.
 γ-Phthalimido-*α*-methylbutyronitrile, 1477.
C₁₃H₁₂O₂Cl₂ 10:11-Dichlorohexahydroxanthone, 234.
C₁₃H₁₂O₂N₂ 3'-Nitro-2-stilbazolealkine, 78.
C₁₃H₁₂NCl *p*-Chlorobenzhydramine, and its salts, 1304.
C₁₃H₁₂NBr 3-Bromo-4-aminodiphenylmethane, 1062.
C₁₃H₁₃ON 7-Aminotetrahydroxanthone, 233.
C₁₃H₁₃O₂N γ-Phthalimido-*α*-methylbutyramide, 1477.
C₁₃H₁₃O₂N₃ 1-Ethyl 2-methyldiketosuccinate 1-nitrophenylhydrazones, 1392.
C₁₃H₁₄O₂N₂ *α*-Ethylcrotyl 3:5-dinitrobenzoate, 1498.
C₁₃H₁₅O₂N 6-Methoxy-2-ethoxy-4-methylquinoline, 301.

- $C_{13}H_{15}O_3N$ 9:10-Dihydroxy-8-acetyltetrahydropentindole, 300.
 $C_{13}H_{15}O_4N$ β -Ethylcrotyl *p*-nitrobenzoate, 1498.
 $C_{13}H_{15}O_4Cl$ ϵ -5-Chloro-2-hydroxybenzoylhexoic acid, 234.
 $C_{13}H_{15}O_4Br$ δ -5-Chloro-2-methoxybenzoylvaleric acid, 1588.
 $C_{13}H_{15}O_4Br$ ϵ -5-Bromo-2-hydroxybenzoylhexoic acid, 234.
 $C_{13}H_{15}O_4N$ Methyl 4:5-dimethoxyphenoxyacetate 2-acetonitrile, 1164.
 $C_{13}H_{15}O_4N$ δ -5-Nitro-2-methoxybenzoylvaleric acid, 1587.
 $C_{13}H_{15}O_4N$ Methyl β -6-nitro-3:4-dimethoxybenzoylpropionate, 1089.
 $C_{13}H_{15}O_4N$ 4:5-Dimethoxyphenoxyacetic acid-2-acetoxime, 1164.
 $C_{13}H_{16}O_4Br_2$ Ethyl 3:4-dimethoxycinnamate dibromide, 1466.
 $C_{13}H_{16}O_4S$ α -*p*-Carbethoxyphenylsulphonylethyl methyl ketone, 1509.
 $C_{13}H_{17}O_3N$ Ethyl hydrogen dimethylmalonanilide, 1617.
 $C_{13}H_{17}O_3N$ 6:7-Methylenedioxy-4-ethoxy-2-methyltetrahydroisoquinoline, picrate of, 279.
 $C_{13}H_{17}O_4N$ δ -5-Amino-2-methoxybenzoylvaleric acid, 1587.
 $C_{13}H_{17}O_4N_3$ α -Piperidino- β -(2:4-dinitrophenyl)ethane, picrate of, 302.
 $C_{13}H_{17}O_4N$ Methyl β -6-amino-3:4-dimethoxybenzoylpropionate, 1089.
 $C_{13}H_{17}O_4N_3$ Ethyl 2-aldehyde-5-methoxyphenoxyacetate semicarbazone, 491.
 $C_{13}H_{18}O_3N_2$ Nitroso- β -benzylaminoisobutyl methyl ketone, 366.
 $C_{13}H_{18}O_3N_2$ Nitroso- β -*m*-tolylaminoisobutyl methyl ketone, 366.
 $C_{13}H_{18}O_2Pt$ Trimethylplatinum benzoylacetone, 22.
 $C_{13}H_{18}O_2S$ Anhydro-*d*-camphorsulphonylacetone, 308.
 $C_{13}H_{19}ON$ β -Benzylaminoisobutyl methyl ketone, and its hydrochloride, 366.
 $C_{13}H_{19}O_3N$ Acetyl-4:6-diethoxy-*o*-toluidine, 821.
 $C_{13}H_{19}O_4N$ Homopiperonyldimethylaminodimethylacetal, 279.
 $C_{13}H_{19}O_4N_3$ Methyl α -3:5-dimethoxyphenoxyethyl ketone semicarbazone, 717.
 $C_{13}H_{20}O_4N_2$ α -*m*-Hydroxyphenylpropyldimethylamine methylurethanes, 1095.
 $C_{13}H_{21}ON$ α -*m*-Hydroxyphenyl-*n*-amylidimethylamine, and its salts, 1097.
 $C_{13}H_{21}O_4Br$ Ethyl γ -bromo- β -methyl-*n*-propane- $\alpha\gamma\gamma$ -tricarboxylate, 815.
 $C_{13}H_{22}IAs$ 2:4:6-Trimethylphenyldimethylarsine ethiodide, 1591.
 $C_{13}H_{23}ON$ *trans*-Hexahydrohydrindyl-2-acetone semicarbazone, 1487.
 $C_{13}H_{23}OAs$ α -Methyl-*trans*-hexahydrohydrindyl-2-acetoxime, 1487.
 $C_{13}H_{23}OAs$ Benzyltriethylarsonium hydroxide, salts of, 100.
 $C_{13}H_{30}IP$ Methyltri-*sec*-butylphosphonium iodide, 1044.

13 IV

- $C_{13}H_7ONCl_2$ 1:4-Dichloroacridone, 1372.
 $C_{13}H_7ONBr_2$ 1:4-Dibromoacridone, 1372.
 $C_{13}H_7O_2N_2Cl$ 4-Chloro-1-nitroacridone, 1372.
 $C_{13}H_9ONCl_2$ 2:5-Dichlorodiphenylamine-6'-carboxylic acid, 1372.
 $C_{13}H_9O_2NBr_2$ 2:5-Dibromodiphenylamine-6'-carboxylic acid, 1372.
 $C_{13}H_9O_4N_2Cl$ 5-Chloro-2-nitrodiphenylamine-6'-carboxylic acid, 1372.
 $C_{13}H_9O_4N_2Br$ 3:5-Dinitrobenzaldehyde *p*-bromophenylhydrazone, 315.
 $C_{13}H_{10}ON_2Cl_2$ *s*-Dichlorophenylureas, 1263.
 $C_{13}H_{10}O_4N_3Br$ 5-Bromo-3:4'-dinitro-4-aminodiphenylmethane, 1064.
 $C_{13}H_{11}O_3NS$ 2-Nitrophenyl-4-hydroxy-*m*-tolyl sulphoxide, 1493.
 $C_{13}H_{11}O_4N_3S$ *m*-Nitrobenzenesulphonitrotoluidides, 1290.
 $C_{13}H_{12}O_3N_2S$ 2-*o*-Nitrophenylaminophenyl methyl sulphoxide, 1492.
 $C_{13}H_{12}O_4NAs$ 7-Aminofluorenyl-2-*o*-arsonic acid, and its sodium salt, 1456.
 $C_{13}H_{12}O_4NS$ 2-*o*-Nitrophenylaminophenylmethylsulphone, 1492.
 $C_{13}H_{12}O_4N_3Cl_3$ *N*-Acetyl-*N*-nitrophenyl-*N'*- $\beta\beta\beta$ -trichloro- α -acetoxyethylureas, 31.
 $C_{13}H_{12}O_4N_3Cl$ 1-Ethyl-2-methyl diketosuccinate 1-(2'-chloro-4'-nitrophenylhydrazone), 1392.
 $C_{13}H_{12}O_4N_2Br$ 1-Ethyl 2-methyl diketosuccinate 1-(2'-bromo-4'-nitrophenylhydrazone), 1392.
 $C_{13}H_{18}O_4NAs$ Methyl *p*-arsonoadipanilate, 92.
 $C_{13}H_{19}O_4N_2As$ Adipanilomethylamide-*p*-arsonic acid, and its sodium salt, 92.
 $C_{13}H_{20}O_2NCl$ 1-Diethylamino-5-furyl- Δ^4 -penten-3-one hydrochloride, 840.

13 V

- $C_{13}H_{11}O_3N_2ClS$ 2-*p*-Chloro-*o*-nitrophenylaminophenyl methyl sulphoxide, 1493.
 $C_{13}H_{11}O_3N_2S$ 2-*p*-Chloro-*o*-nitrophenylaminophenylmethylsulphone, 1493.

 C_{14} Group.

- $C_{14}H_{10}$ Anthracene, equilibrium of, with phenanthrene, 650.
 $C_{14}H_{10}$ Phenanthrene, equilibrium of, with anthracene, 650.
 $C_{14}H_{14}$ 1-Methyl-4-*isopropenyl*naphthalene, 24.
 $C_{14}H_{16}$ 1-Methyl-4-*isopropyl*naphthalene, 130.
 $C_{14}H_{18}$ Octahydrophenanthrene, 1465.
 $C_{14}H_{18}$ 1:2-*cyclo*Pentano-1-methyl-1:2:3:4-tetrahydronaphthalene, 1085.
 $C_{14}H_{18}$ 1- β -Phenylethyl-*cyclo*hexene, 1464.
 $C_{14}H_{18}$ 1- β -Phenylethyl- Δ^1 -*cyclo*hexene, 1107.

14 II

- C₁₄H₁₀O₂** 2-Hydroxy-5-methyldiphenyl-2'-carboxylic acid, 1403.
C₁₄H₁₀O₅ 7-Hydroxy-2:3-diphenylchromone, 1388.
C₁₄H₁₂O₂ Hydroxyphenyl benzyl ketones, 1461.
 Phenyl phenylacetate, 1461.
C₁₃H₁₃N 4'-Methyl-2-stilbazole, 78.
C₁₄H₁₄O 4-Hydroxy-1:2:3:4-tetrahydroxyphenanthrene, 404.
 2-Methoxy-5-methyldiphenyl, 1404.
C₁₄H₁₄O₃ Ethyl α -naphthylglycollates, optically active, 705.
 3-Propionyl-2:6-dimethylchromone, 1389.
C₁₄H₁₄O₆ Usnetic acid, 1173.
C₁₄H₁₄O₇ ω -2:4-Triacetoxyacetophenone, 372.
C₁₄H₁₆O Benzyl Δ^1 -cyclohexenyl ketone, 1464.
 Dimethyl-(4-methyl-1-naphthyl)carbinol, 24.
 1-Phenylacetyl- Δ^1 -cyclohexene, 1106.
C₁₄H₁₆O₄ *O*-Methylusnetols, 1178.
 α -Phenylcrotyl hydrogen succinate, 1498.
C₁₄H₁₆O₅ *O*-Dimethylpyrousnic acid, 1177.
 6-Hydroxy-4-ethoxy-2:3:5-trimethylcoumarone-7-carboxylic acid, 719.
 Methyl 6-hydroxy-4-methoxy-2:3:5-trimethylcoumarone-7-carboxylate, 718.
C₁₄H₁₈O 2- β -Phenylethylcyclohexanone, 1465.
C₁₄H₁₈O₄ ϵ -2-Hydroxy-5-methylbenzoylhexoic acid, 234.
 α -(β -Phenylethyl)adipic acid, 1084.
C₁₄H₁₈O₅ α -Methyl α -3-hydroxy-5-methoxy-2-acetyl-4-methylphenoxyacetone, 1179.
C₁₄H₁₈O₇ Ethyl 1:1-dimethylcyclohexane-2:4:6-trione-3:5-dicarboxylate, 1617.
C₁₄H₂₀O 1-Methyl-2- β -phenylethylcyclopentanol, 1085.
 Methylisopropyltetrahydro-1-naphthol, 436.
 1- β -Phenylethylcyclohexanol, 1107.
 β -Phenylethylcyclohexanols, 1464.
C₁₄H₂₀O₂ β -2-Cymylisobutyric acid, 129.
C₁₄H₂₀O₄ 2-Hydroxy-4-methoxy-6-ethoxy-3-methyl-*n*-butyrophenone, 822.
C₁₄H₂₀O₁₀ Methyl β -methyl-*n*-propane- $\alpha\alpha\beta\beta\gamma$ -pentacarboxylate, 814.
C₁₄H₂₂O₂ Ethyl α -methyl-*trans*-hexahydroindene-2-acetate, 1486.
C₁₄H₂₂O₄ Ethyl 1-ethyl- Δ^2 -cyclohexene-1:3-dicarboxylate, 1631.
C₁₄H₂₂O₅ Ethyl 2-carboxycyclohexanone-2- β -propionate, 1015.
C₁₄H₂₈O₂ Myristic acid, films of, on aqueous solutions, 1525.

14 III

- C₁₄H₈O₈N₆** 3:5:3':5'-Tetranitrobenzaldazine, 315.
C₁₄H₁₀O₂As₂ 4:4'-Dialdehydearsenobenzene, 352.
C₁₄H₁₀O₂N₂ 2:4'-Dinitro-4-acetyldiphenyl, 970.
C₁₄H₁₀O₄N₄ Acetophenoneoxime picryl ether, 810.
C₁₄H₁₁O₂N 2-Nitro-4'-acetyldiphenyl, 970.
C₁₄H₁₁O₄N₃ 3':5'-Dinitrobenzylidene-*p*-toluidine, 315.
C₁₄H₁₂O₂N₄ 3:3'-Dinitro-2:2'-azoxytoluene, 501.
C₁₄H₁₂N₂S 2'-Amino-1-phenyl-3-methylbenzthiazole, and its salts, 297.
C₁₄H₁₃ON₃ Diphenylaldehyde semicarbazones, 43, 44.
C₁₄H₁₃O₂Cl Ethyl α -naphthylchloroacetates, optically active, 713.
C₁₄H₁₄O₂Cl₂ 10:11-Dichloro-7-methylhexahydroxanthone, 235.
C₁₄H₁₄O₂N₁₀ Nitrotheophylline, 642.
C₁₄H₁₄NBr 3-Bromo-2'-dimethylaminodiphenyl, 1591.
C₁₄H₁₅ON 4'-Methyl-2-stilbazolealkine, 78.
C₁₄H₁₅O₂N 6:7-Dimethoxyquinoline-4-propionic acid, 1089.
C₁₄H₁₅O₂N₃ Ethyl diketosuccinate nitrophenylhydrazones, 1392.
C₁₄H₁₆O₂N₄ Ethyl diketosuccinate oximino-*p*-nitrophenylhydrazone, 1392.
C₁₄H₁₆N₂S₂ 3:3'-Diamino-2:2'-ditolyl disulphide, 501.
 Diaminoditolyl disulphides, and their salts, 297.
C₁₄H₁₆N₂Cl 8-Chloro-2-piperazino-4-methylquinoline, 301.
C₁₄H₁₇ON 1-Acetyl-2:2:4-trimethyl-1:2-dihydroquinoline, 1328.
 8:9-Benz- $\Delta^{8:9}$ -homogranaten-3-one, and its salts, 555.
C₁₄H₁₇O₂N *O*-Methylisousnetol oxime, 1178.
C₁₄H₁₇O₂N β -6-Acetamido-3:4-dimethoxybenzoylpropionic acid, 1089.
C₁₄H₁₈O₂N₂ β -6:7-Dimethoxyquinaldyl(4)-ethylamine, and its dihydrochloride, 1468.
C₁₄H₁₉ON ψ -8:9-Benz- $\Delta^{8:9}$ -homogranaten-3-ol, 555.
 2- β -Phenylethylcyclohexanone oxime, 1465.
C₁₄H₁₉ON₃ 2- β -Phenylethylcyclopentanone semicarbazone, 1084.
C₁₄H₁₉O₂N₃ Nitrosoanagyramine, 508.
C₁₄H₂₀ON₂ Anagyramine, 508.
C₁₄H₂₀O₂S 2-*p*-Toluenesulphonyl β -methylglucoside, 225.
C₁₄H₂₁O₂N₃ 2:6-Dimethoxyisovalerophenone semicarbazone, 1164.
C₁₄O₂₁O₄N₃ Methyl α -3:5-dimethoxy-2-methylphenoxyethyl ketone semicarbazone, 718.
C₁₄H₂₂O₂N₂ α -*m*-Hydroxyphenyl-*n*-butyldimethylamine methylurethane, 1097.
C₁₄H₂₃ON α -*m*-Methoxyphenyl-*n*-amylidimethylamine, and its salts, 1097.
C₁₄H₂₄NBr Benzyl-*tert*.-butylcarbinyldimethylammonium bromide, 68.

14 IV

- C₁₄H₆O₂NCl₃** Trichlorophthalanil, 143.
C₁₄H₈ON₂Br₄ ω -Bromophenylglyoxal 2:4:6-tribromophenylhydrazone, 481.
C₁₄H₈O₂NCl 8-Chloro-1-aminoanthraquinone, 448.
C₁₄H₈ON₂Br₃ ω -Bromophenylglyoxal 2:4-dibromophenylhydrazone, 481.
C₁₄H₈O₃N₃Cl₂ ω -Chlorophenylglyoxal chloronitrophenylhydrazones, 1626.
C₁₄H₈O₇N₂Cl *p*-Chloroacetophenoneoxime picryl ether, 811.
C₁₄H₁₀ONCl 4-Chloro-1-methylacridone, 1372.
C₁₄H₁₀ON₂Br₂ ω -Bromophenylglyoxal *p*-bromophenylhydrazone, 481.
C₁₄H₁₀O₃N₂Cl ω -Chlorophenylglyoxal nitrophenylhydrazones, 1626.
C₁₄H₁₀O₃N₃Br ω -Bromophenylglyoxal *p*-nitrophenylhydrazone, 1625.
C₁₄H₁₁O₃N₃S 4:5-Dinitro-*o*-tolyl *o*-nitro-*p*-toluenesulphonate, 1166.
C₁₄H₁₂O₂NCl 5-Chloro-2-methyldiphenylamine-6'-carboxylic acid, 1372.
C₁₄H₁₂O₂N₂S 2-Nitro-2'-acetamidodiphenyl sulphoxide, 1492.
C₁₄H₁₂O₂N₂S₂ 3:3'-Dinitro-2:2'-ditolyl disulphide, 501.
C₁₄H₁₂O₂N₂S 4-Nitro-*o*-tolyl nitro-*p*-toluenesulphonate, 1166.
C₁₄H₁₃O₅NS 4-Nitro-*o*-tolyl *p*-toluenesulphonate, 1166.
C₁₄H₁₃O₂N₂As 7-Carbamido-9-fluoreno-2-arsonic acid, and its sodium salt, 1457.
C₁₄H₁₅O₂N₂Cl₃ *N*-Acetyl-*N*-tolyl-*N'*- $\beta\beta\beta$ -trichloro-*a*-acetoxyureas, 31.
C₁₄H₁₅ONCl 1- β' -Phenylethylcyclohexene nitrosochloride, 1464.
C₁₄H₁₆O₂N₂Cu Di(methylamino) cupric diphenol, 1230.
C₁₄H₂₀O₂NCl 1-Piperidino-5-furyl-*D*⁴-penten-3-one hydrochloride, 840.
C₁₄H₂₀O₆NAs Ethyl *p*-arsonoadipanyl, and its sodium salt, 92.
C₁₄H₂₁O₅N₂As Adipanylodimethylamide-*p*-arsonic acid, and its sodium salt, 92.
 Adipanylodimethylamide-*p*-arsonic acid, and its sodium salt, 92.
C₁₄H₂₄ONI *a*-*m*-Methoxyphenyl-*n*-butyldimethylamine methiodide, 1097.

14 V

- C₁₄H₈ON₂ClBr₃** ω -Chlorophenylglyoxal 2:4:6-tribromophenylhydrazone, 481.
C₁₄H₁₁O₂N₂ClS 4-Chloro-2-nitro-2'-acetamidodiphenyl sulphoxide, 1492.
C₁₄H₁₆O₆N₂S₂As₂ 3:3'-Diamino-4:4'-dihydroxyarsenobenzene-*NN'*-dimethylenesulphurous acid, disodium salt, 1011.
C₁₄H₂₂N₆FeHg Tetramethyldiethylferrocyanogen mercuri-iodides, 103.

C₁₅ Group.

- C₁₅H₁₆** Dehydrocadalene, and its picrate, 24.
C₁₅H₁₇ Cadalene, synthesis of, 23.
C₁₅H₁₈ 1:7-Dimethyl-4-*isopropyl*naphthalene, 129.
C₁₅H₂₀ Methyloctahydrophenanthrene, 1084.

15 II

- C₁₅H₁₀O** Phenanthrene-9-aldehyde, 40.
C₁₅H₁₆O₄ Daidzein, 274.
 6:7-Dihydroxyflavone, 1075.
 Primetin, attempted synthesis of, 1621.
C₁₅H₁₆O₅ Helminthosporin, synthesis of, 488.
C₁₅H₁₆O₆ Tetrahydroxyflavone, 1075.
C₁₅H₁₆O₇ Robinetin, 269.
C₁₅H₁₂O Chalkone, nitration of, 344.
C₁₅H₁₂O₂ 2-Ethyl- α -naphthachromone, 433.
 1-Hydroxy-2-methylanthrone, 1519.
C₁₅H₁₂O₄ 4-*O*-Benzoylresacetophenone, 1384.
C₁₅H₁₃N 9-Phenanthrylmethylamine, and its picrate, 40.
 7-Phenyl-*m*-tolylacetoneitrile, 335.
C₁₅H₁₄O 2:2-Dimethyldibenzopyran, 1403.
C₁₅H₁₆O₂ Ethyl 4:8-dimethyl-1-naphthoate, 23.
 2-Hydroxy-2'-*a*-hydroxyisopropylidiphenyl, 1403.
C₁₅H₁₆O₆ Ethyl 5:6-dimethoxy-1-hydrindone-2-glyoxylate, 611.
O-Methylusnetic acid, 1178.
C₁₅H₁₆S₂ *aa'*-Bisphenylthiopropene, 309.
C₁₅H₁₇N Benzhydryldimethylamine, and its picrate, 73.
C₁₅H₁₈O₄ 5:7-Dimethoxy-2:8-dimethyl-3-ethylchromone, 823.
C₁₅H₁₈O₅ Methyl *O*-dimethylpyrousnate, 1177.
 Methyl 6-hydroxy-4-ethoxy-2:3:5-trimethylcoumarone-7-carboxylate, 719.
C₁₅H₁₈O₆ Ethyl veratroylacetoacetate, 1471.
C₁₅H₂₀O₃ *O*-Diethylusneol, 716.
C₁₅H₂₀O₄ (2-Cymylmethyl) methylmalonic acid, 129.
a-(β -Phenylethyl) pimelic acid, 1083.
C₁₅H₂₀O₅ 2-Acetoxy-4:6-dimethoxy-3-methyl-*n*-butyrophenone, 823.
C₁₅H₂₀O₆ Ethyl 2-acetyl-3:5-dimethoxy-6-methylphenoxyacetate, 444.
C₁₅H₂₀O₉ Methyl 4-methoxysalicylate β -glucoside, 1619.
C₁₅H₂₂O Methyl-2- β -phenylethylcyclohexanols, 1083.
C₁₅H₂₂O₄ 2-Hydroxy-4:6-diethoxy-3-methyl-*n*-butyrophenone, 821.

- $C_{15}H_{22}O_8$ Ethyl hexane-2:4-dione-1:3:5-tricarboxylate, 440.
 $C_{15}H_{26}N_2$ Hexahydrodeoxyanagyryne, and its salts, 509.
l-Sparteine, and its perchlorate, 510.

15 III

- $C_{15}H_6O_3Cl_2$ 6-Chloroanthraquinone-1-carboxyl chloride, 449.
 $C_{15}H_7O_3Cl$ Chloroanthraquinone-1-carboxylic acids, 448.
 $C_{15}H_6O_1N_2$ Di-3:3'-(5-nitrosalicylic acid) ketone, 700.
 $C_{15}H_9OCl$ 9-Phenanthroyl chloride, 40.
 $C_{15}H_9O_4Br$ 3-Bromoalizarin 2-methyl ether, 1520.
 $C_{15}H_{10}O_3N_4$ 3-Nitro-1-benzoyl-5-(3-pyridyl)pyrazole, 687.
 $C_{15}H_{11}ON$ Phenanthrene-9-aldoxime, 40.
 $C_{15}H_{11}O_3Br$ 4-Bromo-1-hydroxy-2-methoxyanthrone, 1517.
 $C_{15}H_{13}O_6Cl$ Morinidin chloride, 373.
 $C_{15}H_{15}O_6N_4$ Homopiperonal 2:4-dinitrophenylhydrazone, 1531.
 $C_{15}H_{15}NBr$ Bromo-2-phenyl-3-methylindoles, 959.
 $C_{15}H_{15}O_4N$ Ethyl 4-nitrodiphenyl-4'-carboxylate, 971.
 $C_{15}H_{15}O_5N_3$ 3:4'-Dinitro-4-acetamidodiphenylmethane, 1064.
 $C_{15}H_{14}O_4S_2$ *p*-Carboxyphenylsulphonyl-*p*-tolylthiomethane, 1508.
 $C_{15}H_{14}O_6S_2$ *p*-Carboxyphenylsulphonyl-*p*-tolylsulphonylmethane, 1508.
 $C_{15}H_{15}ON$ Phenylbenzylamine acetates, 43, 44.
 $C_{15}H_{16}O_3N_2$ *s*-Di-*p*-anisylurea, 1263.
 $C_{15}H_{16}O_3N_4$ β -6:7-Dimethoxyquinaldyl(4)-propionic azide, 1468.
 $C_{15}H_{16}O_4S_2$ Bisphenylsulphonylpropane, 308.
 $C_{15}H_{17}ON$ *m*-Hydroxydiphenylmethyldimethylamine, and its salts, 1097.
 $C_{15}H_{17}O_2N$ *l*- α -Phenylethylamine benzoate, 1503.
 $C_{15}H_{17}O_4N$ β -6:7-Dimethoxyquinaldyl(4)-propionic acid, 1468.
 $C_{15}H_{17}O_4N_3$ 1-Ethyl 2-*n*-propyldiketosuccinate 1-*p*-nitrophenylhydrazone, 1392.
 $C_{15}H_{17}N_2Cl$ 8-Chloro-2-piperidino-4-methylquinoline, 301.
 $C_{15}H_{18}O_2N_2$ Anagyramide, 508.
 $C_{15}H_{18}NBr$ Benzhydryldimethylammonium bromide, 75.
 Dibenzylmethylammonium bromide, 75.
 $C_{15}H_{19}ON_3$ Benzyl Δ^1 -cyclohexenyl ketone semicarbazone, 1464.
 6-Methoxy-2-piperazino-4-methylquinoline, 301.
 $C_{15}H_{19}O_2N$ δ -5-Acetamido-2-methoxybenzoylvaleric acid, 1587.
 $C_{15}H_{20}ON_2$ Anagyryne, and its perchlorate, 507.
 $C_{15}H_{21}ON$ α -cycloHexylpropionanilide, 1483.
 $C_{15}H_{21}ON_3$ 2- β -Phenylethylcyclohexanone semicarbazone, 1465.
 $C_{15}H_{21}O_2N_3$ Eserine, synthesis of, 270, 1472, 1475.
 $C_{15}H_{21}O_4N_3$ β -6:7-Dimethoxyquinaldyl(4)-propionic hydrazide, 1468.
 3:5-Dinitro-2-piperidino-*p*-cymene, 980.
 $C_{15}H_{22}O_4N_4$ Trimethyl theophylline arabinoside, 641.
 $C_{15}H_{23}ON$ Hexahydroanagyryline, 508.
 $C_{15}H_{24}ON_2$ Tetrahydroanagyryne, and its perchlorate, 509.

15 IV

- $C_{15}H_{10}O_2NCl$ 4'-Nitro-3:5:7-trihydroxyflavylium chloride, 28.
 $C_{15}H_{12}ONBr_3$ 3:5:4'-Tribromo-4-acetamidodiphenylmethane, 1063.
 $C_{15}H_{12}O_2NCl$ 4'-Amino-7-hydroxyflavylium chloride, 28.
 $C_{15}H_{12}O_3NCl$ 4'-Amino-3:7-dihydroxyflavylium chloride, 28.
 $C_{15}H_{12}O_4NCl$ 4'-Amino-3:5:7-trihydroxyflavylium chloride, 29.
 $C_{15}H_{12}O_2NAs$ 7-Carbamylmethoxyfluorenone-2-arsonic acid, sodium salt, 1456.
 $C_{15}H_{14}ONCl$ Aceto-*p*-chlorobenzhydrylamide, 1504.
 $C_{15}H_{14}ONBr$ Bromo-4-acetamidodiphenylmethanes, 1062.
 $C_{15}H_{14}O_2NBr$ 6-Bromo-2:3-dimethoxybenzanilide, 1623.
 $C_{15}H_{14}O_2N_2S$ 2-*o*-Nitrophenylacetamidophenyl methyl sulphoxide, 1493.
 $C_{15}H_{14}O_2NAs$ 7-Acetamido-9-fluorenyl-2-arsonic acid, and its sodium salt, 1456.
 $C_{15}H_{15}O_2NAs$ 9-Fluorenyl-7-glycineamide-2-arsonic acid, and its sodium salt, 1456.
 7-Methylcarbamido-9-fluorenyl-2-arsonic acid, and its sodium salt, 1457.
 $C_{15}H_{17}O_2NCu$ Propylaminocupric diphenol, 1230.
 $C_{15}H_{17}NBrI$ 3'-Bromodiphenyl-2-trimethylammonium iodide, 1591.
 $C_{15}H_{17}BrIAS$ 3'-Bromodiphenyl-2-trimethylarsonium iodide, 1591.
 $C_{15}H_{18}ON_2Br_2$ Dibromoanagyryne, 507.
 $C_{15}H_{18}OBrAs$ 3'-Bromodiphenyl-2-trimethylarsonium hydroxide, camphorsulphonates of, 1591.
 $C_{15}H_{21}N_2IS_2$ 3:3'-Dimethylthiazolotricarbocyanine iodide, 192.
 $C_{15}H_{23}O_2N_2As$ Adipamilo-*n*-propylamide-*p*-arsonic acid, and its sodium salt, 92.
 $C_{15}H_{24}O_2N_2S$ Tetramethylpiperazines, and their salts, 143.

 C_{16} Group.

- $C_{16}H_{14}$ Ethylphenanthrenes, 1015.
 $C_{16}H_{16}$ *as*-Hexahydropyrene, 404.
 $C_{16}H_{18}$ *aa*-Diphenyl-*n*-butane, 533.
 $C_{16}H_{22}$ 12-Ethylctahydrophenanthrene, 1465.
 2- β -Phenylethyl-1-ethyl- Δ^1 -cyclohexene, 1465.
 $C_{16}H_{34}$ Heptadecane, equilibria of, with its homologues, 1349.

16 II

- $C_{16}H_{12}O_2$ 2-Benzoyl-1-hydrindone, 612.
 2-Benzylchromone, 1461.
 2-Methylisoflavone, 1461.
 Methyl phenanthrene-9-carboxylate, 40.
 3-Phenyl-4-methylcoumarin, 617.
 $C_{16}H_{12}O_4$ 5:7-Dihydroxy-3-phenyl-4-methylcoumarin, 1461.
 5-Hydroxy-8-methoxyflavone, 1623.
 6-Hydroxy-4'-methoxyflavone, 1075.
 7-Hydroxy-4'-methoxyflavone, 1386.
 $C_{16}H_{14}O_2$ 3-Methyl-2-ethyl- α -naphthachromone, 434.
 $C_{16}H_{14}O_3$ Benzoylphenacylcarbinol, 625.
 $C_{16}H_{14}O_5$ 4-*O*-Anisoylresacetophenone, 1386.
 $C_{16}H_{14}O_6$ Phenoxyacetic acid 2-resacetophenone, 492.
 $C_{16}H_{16}O$ 2:2:5''-Trimethyl dibenzopyran, 1404.
 $C_{16}H_{16}O_2$ 3''-Methoxy-2:2-dimethyl dibenzopyran, 1404.
 $C_{16}H_{16}O_4$ 2:4-Dihydroxy-2'-methoxy- β -phenylpropionophenone, 289.
 7-Methoxy-2:8:4':5'-tetramethyl-5:6-furano-(2':3')-chromone, 1178.
 $C_{16}H_{16}O_5$ 6-Benzoyloxy-2:3-dimethoxybenzoic acid, 1623.
 $C_{16}H_{16}O_9$ ω :2:4:6-Tetra-acetoxyacetophenone, 369.
 $C_{16}H_{16}N_6$ Azo-dye, from 3-amino-5-(3-pyridyl)pyrazole, 687.
 $C_{16}H_{18}O_2$ 2-Hydroxy-5-methyl-2'- α -hydroxyisopropylidiphenyl, 1404.
 $C_{16}H_{18}O_5$ 6-Hydroxy-4-methoxy-7-acetoacetyl-2:3:5-trimethylcoumarone, 1178.
 $C_{16}H_{18}O_8$ 2:4-Diacetoxy-6-methylbenzylidene diacetate, 495.
 $C_{16}H_{20}O_3$ Ethyl 2- β -phenylethylcyclopentan-1-one-2-carboxylate, 1084.
 $C_{16}H_{20}O_4$ 7-Methoxy-5-ethoxy-2:8-dimethyl-3-ethylchromone, 822.
 $C_{16}H_{20}O_6$ Aspidinol diacetate, 822.
 Ethyl *m*-methoxybenzoylsuccinate, 1472.
 $C_{16}H_{20}N_2$ 2:2-Bisdimethylaminodiphenyl, and its salts, 139.
 $C_{16}H_{22}O_5$ 2-Acetoxy-4-methoxy-6-ethoxy-*n*-butyrophenone, 822.
 $C_{16}H_{24}O$ 2- β -Phenylethyl-1-ethylcyclohexanol, 1465.
 $C_{16}H_{24}O_8$ Ethyl 1:1-dimethylpentane-2:4-dione-1:3:5-tricarboxylate, 1618.

16 III

- $C_{16}H_9O_2N$ Substance, from degradation of Höchst Yellow R, 1000.
 $C_{16}H_9O_2Cl$ Methyl chloroanthraquinone-1-carboxylates, 448.
 $C_{16}H_9O_2N_3$ 2-Phenyl-4-(3':5'-dinitro-2'-hydroxybenzylidene)oxazolone, 487.
 $C_{16}H_{11}OBr$ 3-Phenanthryl bromomethyl ketone, 1013.
 $C_{16}H_{11}O_4N_3$ 4-Hydroxy-3-benzoyl-1-nitrophenylpyrazoles, 1626.
 $\alpha\beta\gamma$ -Triketo- γ -phenyl-*n*-butyric acid β -*p*-nitrophenylhydrazone, 1627.
 $C_{16}H_{11}O_4Br$ 3-Bromoalizarin dimethyl ether, 1520.
 $C_{16}H_{11}O_8N_3$ 3:5-Dinitro-2-hydroxy- α -benzamidocinnamic acid, 487.
 $C_{16}H_{13}ON_3$ Phenanthrene-9-aldehyde semicarbazone, 40.
 $C_{16}H_{13}O_4N_3$ Nitrophenylazobenzoylacetones, 1625.
 $C_{16}H_{14}O_6S_2$ 3-Methoxybenzoic acid-5-disulphide, 1380.
 $C_{16}H_{14}O_9N_3$ 1-Hydroxy-3'- and -4'-aminophenyl-3:4-dihydrophthalazine-4-acetic acids, 1070.
 $C_{16}H_{16}O_4N_2$ ω -Acetoxyresacetophenone phenylhydrazone, 372.
 $C_{16}H_{16}O_4S_2$ *dl*- α -Carboxyphenylsulphonyl- α -*p*-tolylthioethane, 1509.
 $C_{16}H_{16}O_6S_2$ α -*p*-Carboxyphenylsulphonyl- α -*p*-tolylsulphonylthioethane, 1510.
 $C_{16}H_{17}O_2N$ 2:4-Dimethoxy-6-methylbenzanilide, 494.
 $C_{16}H_{19}ON$ *m*-Methoxydiphenylmethyldimethylamine, and its hydrochloride, 1097.
 $C_{16}H_{19}O_2Tl$ Diethylthallium diphenol, 1229.
 $C_{16}H_{19}O_4N$ Methyl β -6:7-dimethoxyquinaldyl(4)-propionate, 1468.
 $C_{16}H_{20}ON_2$ 6-Methoxy-2-piperidino-4-methylquinoline, 301.
 $C_{16}H_{20}NBr$ Benzhydryltrimethylammonium bromide, 72.
 $C_{16}H_{20}NBr_3$ Benzhydryltrimethylammonium tribromide, 73.
 $C_{16}H_{21}ON_3$ 2-Methyl-2- β -phenylethylcyclohexanone semicarbazone, 1084.
 $C_{16}H_{21}O_2N$ Methyltropacocaine, and its pierate, 1512.
 $C_{16}H_{21}N_3I_2$ Bindschedler's green iodide hydriodide, 253.
 $C_{16}H_{22}O_2N_2$ Acetylanagyramine, 508.
 $C_{16}H_{23}ON$ α -cycloHexylpropion-*p*-toluidide, 1483.
 $C_{16}H_{23}O_3N$ β -*n*-Amylglutaroamic acid, 961.
 $C_{16}H_{24}ON_2$ Dihydromethylanagyrimine, 508.
 $C_{16}H_{25}ON_2$ *dl*- and *l*-Eseretholes, and their salts, 1474.

16 IV

- $C_{16}H_8O_2N_2Br_4$ 5-Bromo-4-hydroxy-3-benzoyl-1-(2':4':6'-tribromophenyl)pyrazole, 482.
 $C_{16}H_9O_2N_2Br_3$ 5-Bromo-4-hydroxy-3-benzoyl-1-(2':4'-dibromophenyl)pyrazole, 482.
 4-Hydroxy-3-benzoyl-1-(2':4':6'-tribromophenyl)pyrazole, 482.
 $C_{16}H_9O_2N_2Br_5$ 4:4-Dibromo-1:2:3-triketo-1-phenylbutane-2-(2':4':6'-tribromophenylhydrazone), 481.
 $C_{16}H_9O_4N_3Cl_2$ 5:5-Dichloro-3-benzoyl-1-nitrophenyl-4-pyrazolones, 1626.
 $C_{16}H_9O_4N_3S$ Dinitronaphthyl *m*-nitrobenzenesulphonates, 287.
 $C_{16}H_{10}O_2N_2Br_2$ 4-Hydroxy-3-benzoyl-1-(2':4'-dibromophenyl)pyrazole, 482.
 $C_{16}H_{10}O_2N_2Br_4$ 4-Bromo-1:2:3-triketo-1-phenylbutane 2-(2':4':6'-tribromophenylhydrazone), 481.

- C₁₆H₁₀O₃NCl** Chloroacetamidoanthraquinones, 448.
C₁₆H₁₀O₄N₂Cl 5-Chloro-4-hydroxy-3-benzoyl-1-nitrophenylpyrazoles, 1626.
C₁₆H₁₀O₄N₃Br 5-Bromo-4-hydroxy-3-benzoyl-1-*p*-nitrophenylpyrazole, 1626.
C₁₆H₁₀O₇N₂S Nitronaphthyl *m*-nitrobenzenesulphonates, 287.
C₁₆H₁₁O₂N₂Br₃ 4-Bromo-1:2:3-triketo-1-phenylbutane 2-dibromophenylhydrazones, 481.
 4:4-Dibromo-1:2:3-triketo-1-phenylbutane 2-*p*-bromophenylhydrazone, 481.
 2:4:6-Tribromophenylazobenzoylacetone, 481.
C₁₆H₁₁O₄NS 2-Nitrophenyl 2-hydroxy-1-naphthyl sulphoxide, 1493.
C₁₆H₁₁O₄N₂Br₂ δδ-Dibromo-*αβγ*-*α*-phenylbutane β-*p*-nitrophenylhydrazone, 1626.
C₁₆H₁₂O₂N₂Br₂ 2:4-Dibromophenylazobenzoylacetone, 481.
C₁₆H₁₂O₄N₂Br δ-Bromo-*αβγ*-triketo-*α*-phenylbutane β-nitrophenylhydrazones, 1626.
C₁₆H₁₂O₇NCl 3'-Nitro-3:5:7-trihydroxy-4'-methoxyflavylium chloride, 28.
C₁₆H₁₄ON₂S 2'-Acetamido-1-phenyl-3-methylbenzthiazole, 297.
C₁₆H₁₄O₆N₃As Fluorenene-7-glycineureide-2-arsonic acid, and its sodium salt, 1455.
C₁₆H₁₆O₂N₂As *p*-Oxyarsinomethylmalonanilide, 1067.
C₁₆H₁₇O₅N₂As Methylmalonanilide-*p*-arsonic acid, and its sodium salt, 1067.
C₁₆H₁₈O₄N₂S *tert*-Butyl-*m*-nitrobenzenesulphonanilide, 948.
C₁₆H₁₈O₈N₂As₂ Methylmalonanilide-*pp'*-diarsonic acid, 1067.
C₁₆H₁₈N₃IS Methylene blue iodide, 250.
C₁₆H₁₈ON₃S Methylene blue base, 250.
C₁₆H₁₉O₃NS Anisylmethyl-*p*-toluenesulphonamide, 278.
C₁₆H₁₉O₄NS *o*-Vanillylmethyl-*p*-toluenesulphonamide, 278.
C₁₆H₁₉NBrAs 10:10-Diethyl-5:10-dihydrophenarsazonium bromide, 1637.
C₁₆H₁₉NIA₃ 10:10-Diethyl-5:10-dihydrophenarsazonium iodide, 1637.
C₁₆H₁₉N₃I₂S Methylene blue iodide dihydriodide, 251.
C₁₆H₂₀N₃I₂S Methylene blue iodide dihydriodide, 252.
C₁₆H₂₁N₃I₂S Leucomethylene blue dihydriodide, 251.
C₁₆H₂₄O₁₂BK Potassium ethyl borotartrate, 954.
C₁₆H₂₆O₄NI Homopiperonylmethylaminodiethylacetal methiodide, 278.
C₁₆H₂₇O₈NS Methylglycosidodimethylammonium *p*-toluenesulphonate, 226.

C₁₇ Group.

- C₁₇H₁₂** Pentadienophenanthrene, 1110.
*cyclo*Pentadienophenanthrene, 1087.
C₁₇H₁₄ 1:2-*cyclo*Pentenophenanthrene, 1109.
C₁₇H₁₈ 1-(β-1'-Naphthylethyl)-Δ¹-*cyclopentene*, 1108.
 1:2-*cyclo*Pentano-1:2:3:4-tetrahydrophenanthrene, 1086.
trans-1:2-*cyclo*Pentano-tetrahydrophenanthrene, 1108.

17 II

- C₁₇H₁₀O₄** 4:7'-Dihydroxynaphtha(1:2:4':3')coumarin, 1470.
C₁₇H₁₂O₂ 4-Styrylcoumarin, 617.
C₁₇H₁₂O₅ 7-Hydroxy-7'-methoxychromenochromone, 492.
 7-Hydroxy-4-phenylcoumarin-3-acetic acid, 1470.
C₁₇H₁₂N₂ 6-Methyl-8:9-benzquinoquinoline, and its chloroplatinate, 391.
C₁₇H₁₄O₃ 7-Hydroxy-3-benzyl-2-methylchromone, 1462.
 7-Hydroxy-3-phenyl-4-ethylcoumarin, 1462.
C₁₇H₁₄O₄ 4-*O*-Cinnamoylresacetophenone, 1388.
O-Dimethylaidzein, 275.
 7-Hydroxy-3-phenyl-4-methoxymethylcoumarin, 1462.
C₁₇H₁₄O₅ *O*-Benzoyl-*O*-acetylresacetophenones, 1384.
 7-Hydroxy-3':4'-dimethoxyflavone, 1387.
C₁₇H₁₄O₇ Tricin, synthesis of, 1644.
 5:7:4'-Trihydroxy-3':5'-dimethoxyflavone, 943.
C₁₇H₁₆O₆ Hydroxymethoxybenzoylmethoxytoluic acid, 489.
C₁₇H₁₆O₇ 5-Methoxyphenoxyacetic acid 2-resacetophenone, 491.
C₁₇H₁₈O₄ 6-Benzoyloxy-2:3-dimethoxyacetophenone, 1623.
 2'-Hydroxy-2:4-dimethoxy-β-phenylpropiofenone, 290.
C₁₇H₂₀O 1-(β-1'-Naphthylethyl)*cyclopentanol*, 1107.
C₁₇H₂₀O₂ 2-Methoxy-5-methyl-2'-*α*-hydroxyisopropylidiphenyl, 1404.
C₁₇H₂₀O₄ *α*-2:4-Dimethoxyphenyl-*γ*-*o*-hydroxyphenyl-*n*-propyl alcohol, 290.
C₁₇H₂₂O₄ 5:7-Diethoxy-2:8-dimethyl-3-ethylchromone, 821.
C₁₇H₂₄O₅ 2-Acetoxy-4:6-diethoxy-3-methyl-*n*-butyrophenone, 821.
C₁₇H₂₈N₂ Sparteine, structure of, 644.
C₁₇H₃₀O Heptadecyl alcohol, equilibria of, with its homologues, 1348.

17 III

- C₁₇H₈OCl₂** 7:13-Dichlorobenzanthrone, 447.
C₁₇H₈O₁₁N₂ Di-(6-nitro-4-ketobenzdioxinyl) ketone, 700.
C₁₇H₈OCl Chlorobenzanthrones, 447.
C₁₇H₁₀OCl₂ Phenyl 5:8-dichloro-*α*-naphthyl ketone, 448.
C₁₇H₁₁OCl *m*-Chlorophenyl β-naphthyl ketone, 447.
C₁₇H₁₁O₄N₃ 3':5'-Dinitrostyrylquinoline, 315.

- C₁₇H₁₁O₇N₃** 2-Phenyl-4-(3':5'-dinitro-2'-methoxybenzylidene)oxazolone, 487.
C₁₇H₁₂ON₂ 2-*o*-Carboxyphenylaminolepidine, and its hydrochloride, 391.
 7-Keto-6-methyl-7:10-dihydro-8:9-benzquinoquinoline, and its sulphate, 391.
C₁₇H₁₂O₈N₂ Di-(6-nitrobenzodioxinyl) ketone, 700.
C₁₇H₁₃O₈N₃ Methyl $\alpha\beta\gamma$ -triketo- γ -phenyl-*n*-butyrate β -*o*-nitrophenylhydrazone, 1626.
C₁₇H₁₄O₈N₂ 4-*o*-Carboxyphenylaminoquinaldine, 391.
C₁₇H₁₄O₈Cl₂ 3-Chloro-2'-hydroxy-7:4'-dimethoxyflavylium chloride, 290.
C₁₇H₁₄O₈N₂ Di-(6-nitrobenzodioxinyl)methane, 700.
 5:5'-Dinitro-2:2'-diacetoxydiphenylmethane, 699.
C₁₇H₁₅ON 1-Benzoyl-2:3-dimethylindole, 958.
 9-Phenanthrylmethylamine acetate, 40.
C₁₇H₁₅O₃N 6:7-Methylenedioxy-4-phenyl-2-methyl-1:2-dihydroisoquinoline, and its picrate, 278.
C₁₇H₁₅O₃N₃ 1-Keto-3-(4'-nitrophenyl)-2-methyltetrahydrophthalazine-4-acetic acid, 1069.
C₁₇H₁₆ON₂ 2-Anilino-6-methoxylepidine, 1032.
 2-Anisidinolepidines, 1032.
C₁₇H₁₇ON 3-Methyl-3- β -phenoxyethylindolenine, and its picrate, 273.
C₁₇H₁₇O₃N Phenacylhomopiperonylmethylamine, and its picrate, 278.
C₁₇H₁₇O₃N₃ 1-Hydroxy-4-amino-*o*-tolyl-3:4-dihydrophthalazine-4-acetic acid, 1070.
C₁₇H₁₇O₄N Carvacryl *p*-nitrobenzoate, 980.
C₁₇H₁₇O₅N Carbomethoxyisoeverninanilide, 494.
C₁₇H₁₇O₅N β -3:4-Dimethoxyphenylethyl *p*-nitrobenzoate, 1466.
C₁₇H₁₈O₅S α -*p*-Carboxyphenylsulphonyl- β -phenylethane, 1508.
C₁₇H₁₈O₅S₂ *p*-Carbomethoxyphenylsulphone-*p*-tolylthiomethane, 1508.
d- and *l*-Carbomethoxyphenylsulphonyl- α -*p*-tolylthioethanes, 1510.
C₁₇H₁₈O₄N₄ γ -Phenoxy- α -methylbutaldehyde 2:4-dinitrophenylhydrazone, 1476.
C₁₇H₁₈O₅S₂ *p*-Carbomethoxyphenylsulphonyl-*p*-tolylsulphonylmethane, 1508.
C₁₇H₁₈N₄S₂ Methylene blue thiocyanate, 250.
C₁₇H₁₉O₃N₃ β -3:4-Dimethoxyphenylethyl phenylurethane, 1466.
C₁₇H₁₉O₄N 6:7-Dimethoxy-3-acetyl-2-methylquinoline-4-propionic acid, 1089.
C₁₇H₂₀ON₂ *s*-Di-(dimethylphenyl) ureas, 1263.
 $\alpha\beta$ -Diphenyl- β -*tert*-butylurea, 949.
C₁₇H₂₀O₃N₂ *m*-Hydroxydiphenyldimethylamine methylurethane, 1097.
C₁₇H₂₀O₃N₂ *s*-Di-*p*-phenetylurea, 1263.
C₁₇H₂₂O₃N₂ β -6:7-Dimethoxyquinaldyl(4)-ethylurethane, 1468.
C₁₇H₂₂O₆N₂ Menthyl 3:5-dinitrobenzoates, 172.
C₁₇H₂₂NI $\alpha\alpha$ -Diphenylethyltrimethylammonium iodide, 73.
C₁₇H₂₃O₃N₃ Ethyl 2- β -phenylethylcyclopentan-1-one-2-carboxylate, 1084.
C₁₇H₂₃O₄N Menthyl *p*-nitrobenzoates, 172.
C₁₇H₂₃N₃I *o*-(2-Dimethylaminophenyl)phenyltrimethylammonium iodide, resolution of, 135.
C₁₇H₂₆ON₂ Lupanine, structure of, 644.

17 IV

- C₁₇H₁₆O₂NBr** 3-Bromo-4-diacetamidodiphenylmethane, 1063.
C₁₇H₁₆O₃NAs 7-Acetamido-9-acetoxyfluoreno-2-arsonic acid, 1456.
C₁₇H₁₆O₃N₃As Fluorenone-7-glycinemethylureide-2-arsonic acid, and its sodium salt, 1455.
C₁₇H₁₆O₃NCl Aminohydroxydimethoxyflavylium perchlorates, 26.
C₁₇H₁₈O₆N₃As 9-*O*-Carbamylmethylfluoreno-7-glycineamide-2-arsonic acid, and its disodium salt, 1457.
C₁₇H₁₉O₂NCu Piperidinocupric diphenol, 1230.
C₁₇H₁₉O₂NS Piperonylethyl-*p*-toluenesulphonamide, 278.
C₁₇H₂₁O₂NS *tert*-Butyl-*p*-toluenesulphonanilide, 948.
C₁₇H₂₂ON₂Cl 1-Dimethylamino-5-furyl-4⁺-penten-3-one phenylhydrazone hydrochloride, 839.
C₁₇H₂₅N₂IS₂ 3:3'-Diethylthiazolotricarbocyanine iodide, 192.

C₁₈ Group.

- C₁₈H₁₈** Hexahydrochrysenes, 609.
C₁₈H₂₂ 1:2-(5'-Methylcyclopentano)-1:2:3:4-tetrahydrophenanthrene, 1086.
C₁₈H₃₈ Octadecane, polymorphism of, 1348.

18 II

- C₁₈H₁₂O₄** 6:7:3':4'-Bismethylenedioxy-2-phenylnaphthalene, 1531.
 4-Hydroxy-7'-methoxynaphtha(1:2:4':3')coumarin, 1471.
C₁₈H₁₂O₅ 7-Acetoxychromenochromone, 493.
C₁₈H₁₂O₆ Dimethyl anthraquinone-1:2-dicarboxylate, 1595.
C₁₈H₁₄O 1-Keto-1:2:3:4-tetrahydro-5:6-benzanthracene, 1014.
C₁₈H₁₄O₂ Diketohexahydrochrysenes, 608.
 β -Naphthyl phenylacetate, 1462.
 1-Phenylacetyl-2-naphthol, 1462.
C₁₈H₁₄O₃ β -Phenanthroylpropionic acids, 1014.
C₁₈H₁₄O₅ 5-Acetoxy-8-methoxyflavone, 1624.
 6-Acetoxy-4'-methoxyflavone, 1075.
 7-Methoxy-4-phenylcoumarin-3-acetic acid, 1470.
C₁₈H₁₄O₈ 7:4'-Dimethoxyisoflavone-2-carboxylic acid, 275.
C₁₈H₁₅N Naphthylidenebenzylamines, 41, 42.
C₁₈H₁₆O₂ γ -(3-Phenanthryl)butyric acid, 1014.

- C₁₈H₁₆O₄** Benzoylphenacylcarbinyl acetate, 625.
C₁₈H₁₆O₆ 6-Hydroxy-3':4':5'-trimethoxyflavone, 1075.
C₁₈H₁₆O₇ Usnic acid, 1173.
C₁₈H₁₈O 1- α -Naphthylacetyl-2-methyl- Δ^1 -cyclopentene, 1107.
C₁₈H₁₈O₅ 2:4'-Dihydroxy-4:6-dimethoxy-3-methylchalkone, 444.
 2'-Hydroxy-2:4:4'-trimethoxybenzylideneacetophenone, 290.
 4:5:6:4'-Tetramethoxy-3-phenylcoumarone, 375.
C₁₈H₁₈O₈ Tephrosic acid, structure of, 1163.
C₁₈H₂₀O 5-Methyl-2- β -(α -naphthyl)ethylcyclopentanone, 1086.
C₁₈H₂₀O₃ 2-Acetoxy-5-methyl-2'- α -hydroxyisopropylidiphenyl, 1404.
C₁₈H₂₀O₄ $\beta\beta'$ -Dihydroxy- $\beta\beta'$ -dianisyladipic acid, 828.
 α -[β -(α -Naphthyl)ethyl]adipic acid, 1086.
 2:4:2'-Trimethoxy- β -phenylpropiophenone, 289.
C₁₈H₂₀O₆ 3:4:5-Trimethoxyphenyl *p*-methoxyphenacyl ether, 375.
C₁₈H₂₆O₅ Ethyl ϵ -phenoxy- γ -methylpentane- $\beta\beta$ -dicarboxylate, 1475.
C₁₈H₂₆O₁₂ Methyl $\beta\gamma$ -dimethyl-*n*-butane- $\alpha\alpha\beta\gamma\delta\delta$ -hexacarboxylate, 814.
C₁₈H₂₈Si Dicyclohexylphenylsilicane, 1042.
C₁₈H₃₄O₂ Oleic acid, conductivity of mixtures of, with its potassium salt and water, 928.
C₁₈H₃₈O Octadecyl alcohol, equilibria of, with hexadecyl and heptadecyl alcohols, 637.
C₁₈H₃₈O₃ 9:10-Dihydroxyoctadecyl alcohols, 248.

18 III

- C₁₈H₉O₄Br₃** Tribromopiperonylmethylenedioxy-naphthalene, 1531.
C₁₈H₁₁O₆N Nitropiperonylmethylenedioxy-naphthalene, 1531.
C₁₈H₁₂O₂N₂ 9-*o*-Nitrophenylcarbazole, 1525.
C₁₈H₁₄O₇N₆ Ethyl 4:5-diketo-1-(4'-nitrophenyl)pyrazolone-3-carboxylate 4-(4''-nitrophenylhydrazone), 1392.
C₁₈H₁₅O₂N₃ 2-*o*-Nitrophenylamino-2'-aminodiphenyl, 1522.
C₁₈H₁₅O₃N β -Phenanthrolylpropionic acid oxime, 1014.
C₁₈H₁₅O₃Cl 4:6-Diphenyl-2-methylpyrylium perchlorate, 1198.
C₁₈H₁₅O₆N₃ Ethyl $\alpha\beta\gamma$ -triketo- γ -phenyl-*n*-butyrate β -nitrophenylhydrazones, 1626.
C₁₈H₁₆O₆N₂ Nitrobenzyl tartrates, and their rotation dispersion, 760.
C₁₈H₁₇O₂N Naphthylmethylamine benzoates, 41, 42.
C₁₈H₁₇O₃N 9:10-Dihydroxy-8-benzoyltetrahydropentindole, 300.
C₁₈H₁₇O₃N₃ 1-Nitro-4-piperidinoacridone, 1372.
C₁₈H₁₇O₅N₃ Methyl 1-keto-3-(4'-nitrophenyl)-2-methyltetrahydrophthalazine-4-acetate, 1069.
C₁₈H₁₇O₅Cl 3-Chloro-7:3':4'-trimethoxyflavanone, 290.
C₁₈H₁₇O₆Cl Morinidin 3:5:7-trimethyl ether, 290.
C₁₈H₁₈ON₂ 2-Anilino-6-ethoxyepidine, 1032.
 2-Phenetidinolepidines, 1032.
C₁₈H₁₈O₂N₂ 2-Anisidino-6-methoxyepidines, 1032.
C₁₈H₁₈O₂S₂ Bis-*p*-carbethoxyphenyl disulphide, 1507.
C₁₈H₁₉O₂N 5-Methoxy-3-methyl-3- β -phenoxyethylindolenine, and its picrate, 1476.
C₁₈H₂₀O₄S₂ *dl*- α -*p*-Carbethoxyphenylsulphonyl- α -*p*-tolylthioethane, 1509.
C₁₈H₂₀O₆S₂ α -*p*-Carbethoxyphenylsulphonyl- α -*p*-tolylsulphonylethane, 1510.
C₁₈H₂₁ON₃ 2- β -(α -Naphthylethyl)cyclopentanone, 1086.
C₁₈H₂₁O₃N Metathebainone, 1038.
C₁₈H₂₂OP *p*-Phenoxyphenyldiisopropylphosphine, 1044.
C₁₈H₂₂O₉N₂ 3-Tetra-aceto- β -glucosido-4-methylglyoxaline, 666.
C₁₈H₂₂ON α -Methyl-*trans*-hexahydrohydrindene-2-acetanilide, 1487.
C₁₈H₂₆O₇N₂ *l*-Esermethole tartrate, 271.

18 IV

- C₁₈H₁₃O₅NS** 2-Nitrophenyl 2-acetoxy-1-naphthyl sulphoxide, 1493.
C₁₈H₁₃O₈N₃S₂ Di-*m*-nitrobenzenesulphonanilide, 1290.
C₁₈H₁₄O₇N₃Cl₆ Bis-($\beta\beta\beta$ -trichloro- α -*N'*-nitrophenylcarbamide) ethers, 31.
C₁₈H₁₇ON₃Cl₅ α -Keto- β -methoxybutaldehyde pentachlorodiphenylsazone, 1490.
C₁₈H₁₈O₆N₃Br 3-Bromo-2'-nitro-*NN'*-dicarbethoxybenzidine, 1590.
C₁₈H₁₈O₉NCl 3'-Amino-3-hydroxy-5:7:4'-trimethoxyflavylium perchlorate, 27.
C₁₈H₂₀O₆NI 2:3:11:12-Tetrahydroxy-8-methyl-6:7:15:16-tetrahydro-5:18:9:14-dibenzpyridocolinium iodide, 1585.
C₁₈H₂₁O₅N₂As Adipanyl-*p*-arsonic acid, and its sodium salt, 93.
C₁₈H₂₂O₆N₃S *tert*-Hexyl-*m*-nitrobenzenesulphonanilide, 950.
C₁₈H₂₂O₈N₂As₂ Adipanyl-*pp'*-diarsonic acid, and its disodium salt, 93.
C₁₈H₂₅N₃As₂S Leucomethylene blue, 251.

C₁₉ Group.

- C₁₉H₁₄** Methyl-1:2-benzanthracenes, 1595.
C₁₉H₂₂ 3:4-Diphenyl-5:5-dimethylcyclopentane, 726.

19 II

- C₁₉H₁₂O₂** 5-Methyl-1:2-benzanthraquinone, 1596.
 Triphenylenecarboxylic acid, 404.

- C₁₉H₁₄N₂** Benzylideneharman, 615.
C₁₉H₁₆O₄ 7-Acetoxy-3-phenyl-4-ethylcoumarin, 1462.
C₁₉H₁₆O₅ 7-Acetoxy-3-phenyl-4-methoxymethylcoumarin, 1462.
 7:4'-Dimethoxy-2-methylsoflavone, 274.
 Ethyl 7-hydroxy-4-phenylcoumarin-3-acetate, 1469.
C₁₉H₁₈O 3:4-Diphenyl-5:5-dimethyl- Δ^3 -cyclopentenone, 726.
C₁₉H₁₈O₃ 2-Hydroxy-3:4-oxido-3:4-diphenyl-5:5-dimethylcyclopentanone, 725.
C₁₉H₁₈O₇ 7-Hydroxy-3:3':4':5'-tetramethoxyflavone, 269.
C₁₉H₁₈O₈ Atranorin, 131.
C₁₉H₂₀O Dihydro- $\beta\beta$ -dimethylanthroacetonebenzil, 727.
C₁₉H₂₀O₅ 2-Hydroxy-4:6:4'-trimethoxy-3-methylchalkone, 443.
 5:7:4'-Trimethoxy-8-methylflavanone, 444.
C₁₉H₂₀O₆ 2'-Hydroxy-3:4:4':6'-tetramethoxybenzylideneacetophenone, 290.
C₁₉H₂₀O₇ Methyl *O*-dimethyl-lecanorate, 494.
C₁₉H₂₀N₂ Cinchene, cuprichloride of, 999.
C₁₉H₂₂O₄ Acid, from reduction of ethyl $\beta\beta'$ -dihydroxy- $\beta\beta'$ -dianisyladipate, 828.
 Methyl $\beta\beta'$ -dihydroxy- $\beta\beta'$ -dianisyladipate, 828.
a-Methyl-*a'*-[β -(*a*-naphthyl)ethyl]adipic acid, 1086.
C₁₉H₂₂O₆ 2'-Hydroxy-3:4:4':6'-tetramethoxy- β -phenylpropiphenone, 290.
C₁₉H₂₄O₆ *a*-3:4-Dimethoxyphenyl- γ -2-hydroxy-4:6-dimethoxyphenyl-*n*-propyl alcohol, 290.
C₁₉H₂₄O₈ Ethyl *aa*-veratroylacetylsuccinate, 1471.
C₁₉H₂₄O₉ 3:4:6-Triacetyl β -benzylglucoside, 225.
C₁₉H₃₀O₁₀ Ethyl *n*-butane- $\alpha\beta\gamma\delta$ -pentacarboxylate, 814.
C₁₉H₃₆O₂ Heptadecyl acetate, 637.
C₁₉H₃₈O₂ Ethyl margarate, equilibria of, with ethyl palmitate and stearate, 636.

19 III

- C₁₉H₁₂O₅Cl₂** 9-*p*-Chlorophenylxanthylum perchlorate, 484.
C₁₉H₁₅O₂N₄ Benzophenoneoxime picryl ether, 809.
C₁₉H₁₅O₂N Phthalonaphthylmethylimides, 41, 42.
C₁₉H₁₅O₂Cl 9-*p*-Chlorophenylxanthenol, 484.
C₁₉H₁₅O₄N 9-*p*-Nitrophenylxanthenol, 484.
C₁₉H₁₄O₄N₄ Diphenyl-3-aldehyde 2:4-dinitrophenylhydrazone, 44.
C₁₉H₁₅ON Diphenylcarboxyanilides, 42, 44.
C₁₉H₁₅O₃N 4-*O*-Methylresorcyllaldehyde, 493.
C₁₉H₁₅O₅Br 4-Bromo-1-acetoxy-2-methoxy-9-anthranyl acetate, 1517.
C₁₉H₁₅Cl₂P Triphenylmethylchlorophosphine, 783.
C₁₉H₁₇OCl Chloro-3:4-diphenyl-5:5-dimethylcyclopentenones, 729.
 Phenyl-*p*-chlorophenyl-5:5-dimethyl- Δ^3 -cyclopentenone, 731.
C₁₉H₁₇O₂P Triphenylmethylhydrogenphosphonic acid, and its silver salt, 83.
C₁₉H₁₇O₆N₃ γ -Phthalimido-*a*-methylbutaldehyde 2:4-dinitrophenylhydrazone, 1477.
C₁₉H₁₇O₇N₃ 1-Ethyl 2-benzyl diketosuccinate 1-*p*-nitrophenylhydrazone, 1392.
C₁₉H₁₉O₆N β -6-Benzamido-3:4-dimethoxybenzoylpropionic acid, 1089.
C₁₉H₁₉O₆Cl 7-Methoxy-4-phenyl-3-methyl-2-ethylbenzopyrylium perchlorate, 433.
C₁₉H₁₉O₁₀N₃ *O*-Dimethylusneol, 718.
C₁₉H₂₀ON₂ 1-Phenylcarbonyl-2:2:4-trimethyl-1:2-dihydroquinoline, 1328.
C₁₉H₂₀O₂N₂ 2-Anisidino-6-ethoxyepidines, 1032.
 2-Phenetidino-6-methoxyepidines, 1032.
C₁₉H₂₀O₅S *a-p*-Carbethoxyphenylsulphonyl-*a*-benzylacetone, 1508.
C₁₉H₂₀O₅S₂ *a-p*-Carbethoxyphenylsulphonyl-*a-p*-tolylthioacetone, 1508.
C₁₉H₂₁O₂N 5-Methoxy-1:2-dimethyl-3- β -phenoxyethylindole, 272.
C₁₉H₂₁O₄N Methyl 4'-diethylamino-2'-hydroxy-*o*-benzoylbenzoate, 1267.
C₁₉H₂₁O₆N 3:4:5-Trimethoxyphenyl *p*-methoxyphenacyl ether cyanohydrin, 375.
C₁₉H₂₂ON₂ Cinchonidine, cuprichloride of, 999.
 Cinchonine, cuprichloride of, 999.
C₁₉H₂₃ON₃ 5-Methyl-2- β -(*a*-naphthyl)ethylcyclopentanone, 1086.
C₁₉H₂₃O₄N 6-Hydroxy-7-methoxy-1-(4'-methoxy-3'-hydroxybenzyl)-2-methyl-1:2:3:4-tetrahydroisoquinoline, and its picronate, 281.
C₁₉H₂₄O₂N₂ *a-m*-Hydroxyphenyl-*n*-butyldimethylamine phenylurethane, 1097.
C₁₉H₂₆ON₂ 1- β -Phenylethylcyclohexene nitrolpiperidide, 1464.
C₁₉H₂₆O₂N₄ $\alpha\gamma$ -Dipiperidino- β -(2:4-dinitrophenyl) propane, 302.
C₁₉H₂₉ON₃ *trans*-Hexahydrohydrindylidene-2-*trans*-hexahydrohydrindene, 1479.

19 IV

- C₁₉H₁₀O₇N₄Cl₂** Di-*p*-chlorophenylketoxime picryl ether, 811.
C₁₉H₁₁O₇N₄Cl *p*-Chlorobenzophenone oxime picryl ethers, 810.
C₁₉H₁₄O₁₀N₄S₂ Di-*m*-nitrobenzenesulphonitrotoluides, 1290.
C₁₉H₁₅O₈N₃S₂ Di-*m*-nitrobenzenesulphontoluides, 1290.
C₁₉H₁₅O₄Cl₂Fe 5:7:4'-Trimethoxy-8-methylflavylium ferrichloride, 442.
C₁₉H₂₂O₂NI 5-Methoxy-3-methyl-3- β -phenoxyethylindolenine methiodide, 1476.
C₁₉H₂₅O₂NS *tert.*-Hexyl-*p*-toluenesulphonanilide, 950.
C₁₉H₂₆OIP *p*-Phenoxyphenyldiisopropylphosphine methiodide, 1044.
C₁₉H₂₇O₉N₂I 3-Tetra-aceto- β -glucosido-4-methylglyoxaline methiodide, 666.

C₂₀ Group.C₂₀H₁₂ Benzpyrenes, and their picrates, 397, 403.

20 II

- C₂₀H₁₀O₂ 1:2-Benzpyrenequinone, 403.
 C₂₀H₁₂O₃ Acetyl-1:2-benzanthraquinones, 1409.
 C₂₀H₁₄O Acetyl-1:2-benzanthracenes, 1409.
 C₂₀H₁₄O₂ Methyl triphenylenecarboxylate, 404.
 3-Phenyl-2-methyl-1:4-β-naphthapyrone, 1462.
 γ-1-Pyrenyl-γ-butyrolactone, 402.
 C₂₀H₁₄O₃ β-1-Pyrenoylpropionic acid, 402.
 C₂₀H₁₄O₅ 4-Acetoxy-7'-methoxynaphtha(1:2:3':4')coumarin, 1470.
 C₂₀H₁₄O₈ Trimethyl anthraquinonetricarboxylates, 1595.
 C₂₀H₁₅Br β-Bromo-ααβ-triphenylethylene, 74.
 C₂₀H₁₆O₂ 2-Benzoyloxy-5-methyldiphenyl, 1405.
 γ-1-Pyrenylbutyric acid, 402.
 C₂₀H₁₆O₆ 5:7-Diacetoxy-3-phenyl-4-methylcoumarin, 1461.
 α-Piperonylidene-β-3:4-dimethoxybenzoylpropionic lactone, 1088.
 C₂₀H₁₆N₂ 1:1'-Hydrazonaphthalene, 134.
 C₂₀H₁₇N Phenylbenzylidenebenzylamines, 43, 44.
 C₂₀H₁₈O 3:4-Diphenyl-5:5-dimethyl-2-methylene-Δ³-cyclopentenone, 729.
 C₂₀H₁₈O₄ 2:11-Diketo-5:14-dimethoxyhexahydrochrysene-a, 609.
 C₂₀H₁₈O₅ 7-Acetoxy-2'-methoxy-3-benzyl-2-methylchromone, 289.
 C₂₀H₁₈O₇ 6-Acetoxy-3':4':5'-trimethoxyflavone, 1075.
 C₂₀H₁₈N₂ Quinaldine, cuprichloride of, 999.
 C₂₀H₂₀O 1'-Ketodecahydro-4:5-benzpyrene, 405.
 C₂₀H₂₀O₂ γ-1:2:3:6:7:8-Hexahydro-4-pyrenyl-γ-butyrolactone, 405.
 C₂₀H₂₀O₂ Methoxy-3:4-diphenyl-5:5-dimethylcyclopentenones, 730.
 C₂₀H₂₀O₃ β-1:2:3:6:7:8-Hexahydro-4-pyrenoylpropionic acid, 405.
 C₂₀H₂₀O₇ O-Pentamethylrobinetin, 269.
 C₂₀H₂₀O₈ Ethyl 7-hydroxy-4-veratroylcoumarin-3-acetate, 1471.
 C₂₀H₂₂O₂ 5:14-Dimethoxyhexahydrochrysene-a, 610.
 γ-1:2:3:6:7:8-Hexahydro-4-pyrenylbutyric acid, 405.
 C₂₀H₂₂O₆ Acid, from reduction of ethyl ββ'-dihydroxy-ββ'-dianisyladipate, 828.
 βγ-Dianisyladipic-a acid, 609.
 C₂₀H₂₄O₆ 3:5:7:2':4'-Pentamethoxyflavan, 290.
 C₂₀H₂₄O₈ 3:4:5-Trimethoxyphenyl 3:4:5-trimethoxyphenacyl ether, 375.
 C₂₀H₂₆O₁₃ Primeverin, 1620.
 C₂₀H₃₀Si Dicyclohexylphenylethylsilicane, 1043.
 C₂₀H₄₀O₂ Glycollaldehyde octadecyl ether, 166.
 C₂₀H₄₀O₃ Glycollic acid octadecyl ether, 166.

20 III

- C₂₀H₁₁O₂N Nitro-1:2-benzpyrene, 403.
 C₂₀H₁₄O₄N₂ Benzophenoneoxime o-nitrobenzoyl ester, 809.
 C₂₀H₁₄O₇N₄ Benzophenoneoxime trinitro-m-tolyl ether, 811.
 C₂₀H₁₅ON 4'-Keto-1':2':3':4'-tetrahydro-1:2-benzpyrene, 403.
 C₂₀H₁₅O₂N Benzophenoneoxime benzoyl ester, 809.
 C₂₀H₁₅O₆N Diacetylfresoreylaldehyde azlactone, 493.
 C₂₀H₁₆O₈N α-6-Nitro-3:4-methylenedioxybenzylidene-β-3:4-dimethoxybenzoylpropionolactone, 1088.
 C₂₀H₁₆OS 7-Phenylthiooxybenzoin, 1529.
 C₂₀H₁₆O₅N₄ Hydroxyphenyl benzyl ketone 2:4-dinitrophenylhydrazones, 1461.
 C₂₀H₁₆O₆N₄ 5-Nitro-6-methoxyquinoline, cuprichloride of, 999.
 C₂₀H₁₇ON 4-Benzamidodiphenylmethane, 1062.
 C₂₀H₁₈O₂N₄ ω:2:4-Trihydroxyacetophenone osazone, 372.
 C₂₀H₁₈O₄Be Beryllium benzoylacetate, 1546.
 C₂₀H₁₈NAs 10-Benzyl-2-methyl-5:10-dihydrophenarsazinc, 1636.
 C₂₀H₁₉ON Benzoyl-β-naphthylisopropylamine, 496.
 C₂₀H₁₉O₂N 4-Phenylbenzylamine benzoate, 43.
 C₂₀H₁₉O₂P Methyl triphenylmethylhydrogenphosphonate, 783.
 C₂₀H₁₉O₄N 6:7-Dimethoxy-2-phenylquinoline-4-propionic acid, 1089.
 C₂₀H₂₀O₈N₆ Ethyl diketosuccinate p-nitrophenylosazone, 1392.
 C₂₀H₂₁O₅N δ-5-Benzamido-2-methoxybenzoylvaleric acid, 1587.
 C₂₀H₂₂O₂N Quinine, cuprichloride of, 999.
 C₂₀H₂₂O₂N₂ 2-Phenetidino-6-ethoxyepidines, 1032.
 C₂₀H₂₄ON₂ Dihydroquinene, cuprichloride of, 999.
 C₂₀H₂₄O₂N₂ Quinidine, cuprichloride of, 999.
 Quinine, cuprichloride of, 999.
 C₂₀H₂₄O₈S 2-p-Toluenesulphonyl β-benzylglucoside, 225.
 C₂₀H₂₄NBr Dibenzylallylammonium bromide, 67.
 C₂₀H₂₅ON Dibenzylallylammonium hydroxide, and its picrate, 67.
 C₂₀H₂₇O₃N₅ Dimethylaminohexose phenylosazone, 226.
 C₂₀H₂₈ClP ββ-Diphenylethyltriethylphosphonium chloride, 532.
 C₂₀H₃₀O₂Hg Biscamphor-10-mercury, 825.

- $C_{20}H_{21}OCl$ Chloro*trans*- β -decalone, 1480.
 $C_{20}H_{24}ON$, Pentamethylpiperazine- α -methylenecamphor, 144.
 $C_{20}H_{24}O_4S$ *l*-*neo*Menthyl camphorsulphonates, 169.
*iso*Menthyl camphorsulphonates, 173.

20 IV

- $C_{20}H_8O_2Br_4S_2$ Tetrabromodehydro-2-naphthol 1-disulphide, 788.
 $C_{20}H_{10}O_2Br_2S_2$ Dibromodehydro-2-naphthol 1-disulphides, 788.
 $C_{20}H_{10}O_2Br_4S_2$ Tetrabromo-2-naphthol 1-disulphide, 787.
 $C_{20}H_{12}O_2Br_2S_2$ Dibromo-2-naphthol 1-disulphide, 787.
 $C_{20}H_{14}ON_3Br_3$ ω -Anilinophenylglyoxal 2:4:6-tribromophenylhydrazone, 481.
 $C_{20}H_{14}O_2N_2Cl_2$ Di-*p*-chlorophenylketoxime trinitro-*m*-tolyl ether, 811.
 $C_{20}H_{16}ONBr_2$ Dibromo-4-benzamidodiphenylmethanes, 1062.
 $C_{20}H_{16}ONi_2$ 3:5-Di-iodo-4-benzamidodiphenylmethane, 1063.
 $C_{20}H_{17}O_6N_2Cl$ Nitro-9-phenyl-10-methylacridinium perchlorate, 484.
 $C_{20}H_{16}ONBr$ Bromo-4-benzamidodiphenylmethanes, 1062.
 $C_{20}H_{16}O_4NCl$ 9-Phenyl-10-methylacridinium perchlorate, 484.
 $C_{20}H_{14}O_4N_2Ni$ Nickel 4-*isonitroso*-1-phenyl-3-methyl-5-pyrazolone, 842.
 $C_{20}H_{17}O_4N_2Cs$ Cesium di-4-*isonitroso*-1-phenyl-3-methyl-5-pyrazolone, 842.
 $C_{20}H_{17}O_4N_2K$ Potassium di-4-*isonitroso*-1-phenyl-3-methyl-5-pyrazolone, 841.
 $C_{20}H_{17}O_4N_2Li$ Lithium di-4-*isonitroso*-1-phenyl-3-methyl-5-pyrazolone, 841.
 $C_{20}H_{17}O_4N_2Na$ Sodium di-4-*isonitroso*-1-phenyl-3-methyl-5-pyrazolone, 841.
 $C_{20}H_{17}O_4N_2Rb$ Rubidium di-4-*isonitroso*-1-phenyl-3-methyl-5-pyrazolone, 842.
 $C_{20}H_{17}O_5N_2As$ 7-Phenylcarbamido-9-fluoreno-2-arsonic acid, and its sodium salt, 1457.
 $C_{20}H_{26}O_3N_2Cl_6$ Bis-($\beta\beta\beta$ -trichloro- α -*N'*-tolylcarbamideethyl) ethers, 31.
 $C_{20}H_{21}O_2NS$ β -Naphthylisopropylamine *p*-toluenesulphonamide, 496.
 $C_{20}H_{26}ON_3Cl$ 1-Phenyl-3-(β -piperidinoethyl)-5-furylpyrazoline hydrochloride, 840.
 1-Piperidino-5-furyl- Δ^4 -penten-3-one phenylhydrazine hydrochloride, 840.
 $C_{20}H_{27}N_3I_2S$ Leucomethylene blue dimethiodide, 251.

 C_{21} Group.

- $C_{21}H_{14}O_2$ 2:3-Diphenylchromone, 1461.
 $C_{21}H_{14}O_6$ 4:7'-Diacetyloxynaphtha (1:2:4':3')coumarin, 1470.
 $C_{21}H_{16}O_4$ 2-Hydroxy-4-benzoyloxyphenyl benzyl ketone, 1388.
 $C_{21}H_{17}N$ α -Phenylethylidene-9-fluorenylamine, 1500.
 $C_{21}H_{18}O$ 7-(1:2-Benz)anthranlyldimethylcarbinol, 1410.
 Diphenyl-*o*-tolylacetaldehyde, 336.
r-*o*- and *m*-Tolyldoxybenzoins, 335.
o- and *m*-Tolyl diphenylmethyl ketones, 335.
 $C_{21}H_{15}N$ Benzylidene- α -phenylethylamine, 1502.
 $C_{21}H_{20}O_3$ 4-Acetoxy-3:4-diphenyl-5:5-dimethyl- Δ^2 -cyclopentenone, 727.
 $C_{21}H_{20}O_8$ 7-Acetoxy-3:3':4':5'-tetramethoxyflavone, 269.
 $C_{21}H_{22}O_2$ Ethoxy-3:4-diphenyl-5:5-dimethyl- Δ^2 -cyclopentenones, 726.
 $C_{21}H_{22}O_3$ Ethyl 2-(β -1'-naphthylethyl)cyclohexanone-2-carboxylate, 1015.
 $C_{21}H_{22}O_6$ Methyl phenyl-2:4-dimethoxyphenylmethylsulfonate, 1470.
 $C_{21}H_{22}O_8$ 2:3'-Dibenzoyl α -methylglucoside, 1079.
 Dimethylatranorin, 132.
 $C_{21}H_{26}O_2$ *dl*-*neo*Menthyl β -naphthoate, 169.
 $C_{21}H_{26}O_{12}$ Methyl 4-methoxysalicylate 2:3:4-*O*-triacyetyl- β -glucoside, 1619.

21 III

- $C_{21}H_{14}ON$ 9-Phenanthrolyl anilide, 40.
 $C_{21}H_{15}O_2N$ Phthalobenzhydrylimide, 1501.
 Phthalo-*m*-diphenylmethylimide, 44.
 $C_{21}H_{16}O_7N_4$ Di-*p*-tolylketoxime pieryl ether, 811.
 $C_{21}H_{17}O_3N_3$ β -1-Pyrenoylpropionic acid semicarbazone, 402.
 $C_{21}H_{18}O_6S_3$ *p*-Carboxyphenyl-*p*-tolylsulphonylphenylthiomethane, 1509.
 $C_{21}H_{18}NCl$ *p*-Chlorobenzhydrylidene- α -phenylethylamine, 1502.
 $C_{21}H_{19}O_2N$ 6-Cinnamoyl- ψ -indoxyls*pirocyclopentane*, 299.
 $C_{21}H_{19}O_6N$ Ethyl 2-aldehydo-5-methoxyphenoxyacetate azlactone, 491.
 $C_{21}H_{19}O_8N$ α -6-Nitroveratrylidene- β -3:4-dimethoxybenzoylpropionolactone, 1088.
 $C_{21}H_{20}O_{12}N_2$ 2:3-Di-*p*-nitrobenzoyl α -methylglucoside, 1079.
 $C_{21}H_{21}O_2P$ Ethyl triphenylmethylhydrogenphosphonate, 783.
 $C_{21}H_{21}O_3P$ Methyl triphenylmethylphosphonate, 781.
 $C_{21}H_{22}O_2N_3$ Strychnine, 486.
 $C_{21}H_{22}O_2N$ Benzoyl- ψ -8:9-benz- $\Delta^{8:9}$ -homogranaten-4-ol, and its salts, 555.
 $C_{21}H_{22}O_3N_3$ β -1:2:3:6:7:8-Hexahydro-4-pyrenoylpropionic acid semicarbazone, 405.
 $C_{21}H_{22}O_4N$ 2- β -Phenylethylcyclohexanol *p*-nitrobenzoate, 1464.
 $C_{21}H_{22}O_4N$ 6:7-Dimethoxy-1- β -3':4'-dimethoxyphenylethyl-3:4-dihydro*iso*quinoline, 1585.
 $C_{21}H_{26}O_{10}S_2$ 2:3-Di-*p*-toluenesulphonyl α -methylglucoside, 1080.
 $C_{21}H_{27}O_5N$ β -3:4-Dimethoxyphenylpropiono- β -3':4'-dimethoxyphenylethylamide, 1584.
 $C_{21}H_{43}O_2N$ Ethyl glycolate octadecyl ether methylamide, 167.

21 IV

- $C_{21}H_{16}ON_2S$ 2'-Benzamido-1-phenyl-3-methylbenzthiazole, 297.
 $C_{21}H_{17}O_2ClS$ 7-(5-Chloro-2-methoxyphenylthio)deoxybenzoin, 1529.

 C_{22} Group.

- $C_{22}H_{14}$ 3:4:5:6-Dibenzphenanthrene, 1597.
 $C_{22}H_{16}$ 9:10-Dihydro-1:2:5:6-dibenzanthracene, 1596.
 $C_{22}H_{18}$ 1:3-Diphenyl-2-methylindene, 1499.

22 II

- $C_{22}H_{10}O_4$ 3:4:5:6-Dibenzphenanthra-1:2:7:8-diquinone, 1597.
 $C_{22}H_{12}O_2$ 1:2:5:6-Dibenz-3:4-anthraquinone, 1596.
 $C_{22}H_{14}O_4$ 7-Benzoyloxyflavone, 1385.
 $C_{22}H_{16}O_5$ ω :4-Dibenzoylresacetophenone, 1385.
 $C_{22}H_{16}O_{10}$ Tetramethyl anthraquinonetetracarboxylates, 1595.
 $C_{22}H_{17}N$ Benzylidene-9-phenanthrylmethylamine, 40.
 9-Phenanthrylidenebenzylamine, 40.
 $C_{22}H_{18}O$ 1-Hydroxy-1:3-diphenyl-2-methylindene, 1499.
 $C_{22}H_{18}O_3$ Ethyl β -1-pyrenoylpropionate, 402.
 $C_{22}H_{20}O_7$ *apo*Picropodophyllins, 85.
 $C_{22}H_{21}N$ *p*-Methylbenzhydrylidene- α -phenylethylamine, 1502.
 $C_{22}H_{22}O_3$ 7-Hydroxy-5:5':6'-trimethoxy-4-carbethoxyindenobenzopyrylium chloride, colour base of, 611.
*apo*Picropodophyllinic acid, 85.
 Podophyllotoxin, 83.
 $C_{22}H_{23}N$ $\alpha\beta$ -Triphenylethyldimethylamine, and its salts, 74.
 $C_{22}H_{24}O_6$ 1-Methyl 2-ethylphenyl-2:4-dimethoxyphenylmethylenesuccinate, 1470.
 $C_{22}H_{24}O_8$ *O*-Trimethylatranorin, 132.
 $C_{22}H_{26}O_6$ Methyl $\beta\gamma$ -dianisyladipate- α , 609.
 $C_{22}H_{26}O_8$ Ethyl 3:4:3':4'-tetramethoxydiphenate, 1624.
 $C_{22}H_{27}N_3$ 1:5-Diphenyl-3-(β -piperidinoethyl)pyrazoline, 839.
 $C_{22}H_{28}O_3$ (–)Menthyl α -naphthylglycollates, 32.
 $C_{22}H_{40}O_3$ *l-neo*Menthyl menthoxyacetates, 169.
 $C_{22}H_{44}O_3$ Ethyl glycollate octadecyl ether, 167.

22 III

- $C_{22}H_{13}O_5Br$ 4-Bromo-1-benzoyloxyalazarin 2-methyl ether, 1517.
 $C_{22}H_{15}O_6N_3$ 2:4:6-Trinitro-1:3-distyrylbenzene, 980.
 $C_{22}H_{15}O_7Cl$ 5-*O*-Benzoylmorinidin chloride, 372.
 $C_{22}H_{16}O_4N_4$ 3-Phenyl-2-methylindenone 2:4-dinitrophenylhydrazone, 1499.
 $C_{22}H_{18}O_2S$ 7'-Acetoxy-7-phenylthiostilbene, 1529.
 $C_{22}H_{18}O_4N_4$ 3-Phenyl-2-methylindanone 2:4-dinitrophenylhydrazone, 1499.
 $C_{22}H_{18}O_7N_4$ Di-*p*-tolylketoxime trinitro-*m*-tolyl ether, 811.
 $C_{22}H_{19}O_2N$ 9-Phenanthrylmethylamine benzoate, 40.
 $C_{22}H_{19}O_4N_3$ 2-*o*-Nitrophenylamino-2'-diacetylaminodiphenyl, 1522.
 $C_{22}H_{20}O_5N_2$ 3-Keto-4-*o*-carboxybenzoyl-10-ethoxy-7-methyl-3:4:5:6-tetrahydro-4- ψ -carboline, 1473.
 $C_{22}H_{20}O_6S_2$ *p*-Carboxyphenylsulphonyl-*p*-tolylsulphonylbenzylmethane, and its salts, 1508.
 $C_{22}H_{20}O_{12}N_2$ Nitrobenzyl diacetyltartrates, 765.
 $C_{22}H_{20}O_2N_2$ *m*-Hydroxydiphenyldimethylamine phenylurethane, 1097.
 $C_{22}H_{23}O_4N$ Protosinomenine, and its picrolonate, 280.
 $C_{22}H_{25}NBr$ Benzhydrylbenzylidimethylammonium bromide, 74.
 $C_{22}H_{27}O_2Cl$ (–)Menthyl *dl*- α -naphthylchloroacetate, 36.
 $C_{22}H_{28}O_4N$ *dl*-Homolaudanosoline, synthesis and dehydrogenation of, 1583.
 $C_{22}H_{35}O_4N$ Atisine, and its perchlorate, 740.

22 IV

- $C_{22}H_{15}O_4N_2Cl$ *m*-Chlorophenyl β -naphthyl ketone 2:4-dinitrophenylhydrazone, 447.
 $C_{22}H_{16}ONBr$ Bromo-1-acetyl-2:3-diphenylindoles, 959.
 $C_{22}H_{16}O_5NCl$ 4'-Amino-3:7-dihydroxy-5-benzoyloxyflavylium chloride, 28.
 $C_{22}H_{18}O_6N_3As$ Fluorenone-7-glycinephenylureide-2-arsonic acid, and its sodium salts, 1456.
 $C_{22}H_{18}O_2N_6Cl_6$ Bis-($\beta\beta\beta$ -trichloro- α -*N'*-acetyl-*N'*-nitrophenylcarbamide) ether, 32.
 $C_{22}H_{28}O_4NI$ 2:3:11:12-Tetramethoxy-6:7:15:16-tetrahydro-5:18:9:14-dibenzpyridocoline methiodide, 1585.

 C_{23} Group.

- $C_{23}H_{16}$ 4-Methyl-1:2:5:6-dibenzanthracene, 1596.

23 II

- $C_{23}H_{16}O_2$ 1- α -Naphthoyl-6-methyl-2-naphthaldehyde, 1596.
 3-Phenyl-4-styrylcoumarin, 617.
 $C_{23}H_{18}O$ 1-Naphthoyl-2:3-dimethylnaphthalenes, 1596.
 $C_{23}H_{18}O_6$ 4-*O*-Benzoyl-2-*O*-anisolesacetophenone, 1385.
 $C_{23}H_{18}O_7$ 3:4'-Dimethoxy-*pp*-tribenzaldehyde, 141.
 $C_{23}H_{18}O_8$ 4:7'-Diacetoxy-5:6-dimethoxynaphtha(1:2:4':3')coumarin, 1471.
 3:4'-Dimethoxy-*pp*-tribenzoic acid, 142.

- C₂₃H₁₈O₁₀** Tetra-acetoxyflavone, 1075.
C₂₃H₂₀O₁₀ 5:7:4'-Triacetoxy-3':5'-dimethoxyflavone, 943.
C₂₃H₂₂O₆ Rotenone, synthesis of, 1163.
C₂₃H₂₄O₆ Dehydrodihydrorotenonic acid, 1165.
C₂₃H₂₈O₈ Tetrahydroderrisic acid, 1165.
C₂₃H₂₈O₁₃ Methyl 4-methoxysalicylate *O*-tetra-acetyl- β -glucoside, 1619.

23 III

- C₂₃H₁₆O₂Br₂** 3-Phenyl-4-styrylcoumarin dibromide, 617.
C₂₃H₁₇O₃N₃ 1:2-*cyclo*Pentenophenanthrene, 1087.
C₂₃H₁₇O₃Cl Dimethoxy-*pp*-tribenzoyl chloride, 142.
C₂₃H₁₉O₅N₅ 1-Keto-3-(4'-nitrobenzeneazophenyl)-2-methyltetrahydrophthalazine-4-acetic acid, 1070.
C₂₃H₂₀O₃N₄ 1-Keto-3(benzeneazophenyl)-2-methyltetrahydrophthalazine-4-acetic acid, 1070.
C₂₃H₂₁ON₃ 5-Dimethylamino-8-methoxy-2:3-diphenylquinoxaline, 826.
C₂₃H₂₆O₄N₂ Brucine, 486.
C₂₃H₂₆NI $\alpha\beta$ -Triphenylethyltrimethylammonium iodide, 74.
C₂₃H₃₀O₄S₂ 2:3-Di-*p*-toluenesulphonyl 4:6-dimethyl α -methylaltroside, 1080.
 2:3-Di-*p*-toluenesulphonyl 4:6-dimethyl α -methylglucoside, 1080.
C₂₃H₃₂O₄N₂ Yohimbine, 614.
C₂₃H₃₇O₂Cl Chloro*allon*orcholanic acids, 1412.

23 IV

- C₂₃H₁₆O₈NCl** 3'-Nitro-3:7-dihydroxy-5-benzoyloxy-4'-methoxyflavylium chloride, 27.
C₂₃H₁₈O₂NBr Ethyl bromo-2:3-diphenylindole-1-carboxylate, 959.
C₂₃H₁₉O₃ClS 7-(5-Chloro-2-methoxyphenylthio)-7'-acetoxystilbene, 1529.
C₂₃H₂₁NCIS₂ 2:2'-Dimethylthiotricarbocyanine chloride, 191.
C₂₃H₂₁N₂ISE₂ 2:2'-Dimethylselenotricarbocyanine iodide, 192.
C₂₃H₂₅NBrAs 10-Benzyl-2-methyl-10-*n*-propyl-5:10-dihydrophenarsazonium bromide, 1636.
C₂₃H₂₆ONAs 10-Benzyl-2-methyl-10-*n*-propyl-5:10-dihydrophenarsazonium hydroxide, salts of, 1636.

C₂₄ Group.

- C₂₄H₁₄** 2':3'-Naphtha-1:2-pyrene, 403.

24 II

- C₂₄H₁₂O₆** 1:2:5:6-Dibenzanthraquinone-4:8-dicarboxylic acid, 1597.
C₂₄H₁₄O₃ 1-Pyrenoyl-*o*-benzoic acid, 403.
C₂₄H₁₆O₂ 1-*o*-Carboxybenzylpyrene, 403.
C₂₄H₁₆O₄ 3-Phenyl-4-(3':4'-methylenedioxy-styryl)coumarin, 617.
C₂₄H₁₆N₂ 1:1'-Dicarbazyl, 1523.
 3:9'-Dicarbazyl, 1525.
C₂₄H₁₆N₄ 9-*p*-1'':2'':3''-Benzotriazolylphenylcarbazole, 1524.
C₂₄H₁₆N₄ 2:2'-Di-1'':2'':3''-benzotriazolyl-diphenyl, 1522.
C₂₄H₁₈O₃ 3-Phenyl-4-(4'-methoxystyryl)coumarin, 617.
C₂₄H₁₈O₇ ω -Acetoxy-2:4-dibenzoyloxyacetophenone, 372.
C₂₄H₁₉O₃ 9-*p*-(*o*-Aminophenylamino)phenylcarbazole, 1524.
C₂₄H₂₀O₇ ω :4-Dianisoylresacetophenone, 1386.
 5:7-Dihydroxy-3':5'-dimethoxy-4'-benzyloxyflavone, 942.
 Resacetophenone dianisate, 1385.
C₂₄H₂₀Si Tetraphenylsilicane, preparation of, 1043.
C₂₄H₂₂N₄ 2:2'-Di-*o*-aminophenylaminodiphenyl, 1522.
C₂₄H₂₆O₄ α -Phenylcrotyl succinate, 1498.
C₂₄H₃₀O₈ Ethyl $\beta\gamma$ -dianisyladipate-*a*, 609.
C₂₄H₃₀O₈ Ethyl $\beta\beta'$ -dihydroxy- $\beta\beta'$ -dianisyladipate, 828.
 Methyl tetrahydroderrisate, 1165.
C₂₄H₃₂N₂ *trans*-Hexahydrohydrindylidene-2-*trans*-hexahydrohydrindone phenylhydrazone, 1479.

24 III

- C₂₄H₁₇O₃N₃** 9-*p*-(*o*-Nitrophenylamino)phenylcarbazole, 1524.
C₂₄H₁₈O₄N₄ 2:2'-Di-*o*-nitrophenylaminodiphenyl, 1521.
C₂₄H₂₄O₈S₂ *p*-Carbethoxyphenylsulphonyl-*p*-tolylsulphonylbenzylmethane, 1508.
C₂₄H₂₅O₃N₃ Substance, from auto-condensation of aminoveratroylpropionic acid, 1469.
C₂₄H₂₇O₁₁N Penta-acetylindican, 30.
C₂₄H₃₀O₄N₄ *trans*-Hexahydrohydrindylidene-2-*trans*-hexahydrohydrindone 2:4-dinitrophenylhydrazone, 1479.
C₂₄H₃₁O₃N₃ *trans*-Hexahydrohydrindylidene-2-*trans*-hexahydrohydrindone *p*-nitrophenylhydrazone, 1479.
C₂₄H₃₈O₈Si *cyclo*Hexyloxydicyclohexylphenylsilicane, 1042.
C₂₄H₃₉O₂Cl Methyl chloro*allon*orcholanic acids, 1412.

24 IV

- C₂₄H₂₄O₂N₄Cl₆** Bis-($\beta\beta\beta$ -trichloro- α -*N'*-acetyl-*N'*-tolylcarbamidoethyl) ethers, 31.

24 V

- C₂₄H₁₅ONBrAs** 10-Phenacyl-2-methyl-10-*n*-propyl-5:10-dihydrophenarsazonium bromide, 1636.

C₂₅ Group.

- C₂₅H₁₆O₂** Diphenyl- β -naphthapyrones, 1462.
C₂₅H₂₀O₄ 7:4'-Dimethoxy-2-styrylisoflavone, 275.
C₂₅H₂₀O₁₃ Penta-acetoxyflavone, 942.
C₂₅H₂₂O₉ Tetramethoxy-*pp*-tribenzaldehyde, 141.
C₂₅H₂₂O₁₀ Tetramethoxy-*pp*-tribenzoic acid, 141.
C₂₅H₂₆O₇ *O*-Acetyldehydrodihydrorotenonic acid, 1165.
C₂₅H₄₈O₅ Batyl alcohol, constitution of, 164, 165.

25 III

- C₂₅H₂₁O₉Cl** Tetramethoxy-*pp*-tribenzoyl chloride, 141.

25 IV

- C₂₅H₂₅N₂IS₂** 2:2'-Diethylthiotricarboyanine iodide, 191.
C₂₅H₂₅N₂ISe₃ 2:2'-Diethylselenotricarboyanine iodide, 192.

C₂₆ Group.

- C₂₆H₁₂S₃** ω -Phenylthioacetophenone phenylmercaptol, 1529.
C₂₆H₇N Fluorenylidene-9-fluorenylamine, 1500.
C₂₆H₁₈O₄ 7-Cinnamoyloxy-2-styrylchromone, 1388.
 3:3'-Diphenyl-4:4'-dimethyldicoumarin, 616.
C₂₆H₂₀O₆ 7:8-Dimethoxy-3-phenyl-4-(3':4'-methylenedioxystryryl)coumarin, 617.
C₂₆H₂₁N Benzhydrylidenebenzhydrylamine, 1502.
C₂₆H₂₂O₅ 7:8-Dimethoxy-3-phenyl-4(4'-methoxystyryl)coumarin, 617.
C₂₆H₂₄O₉ ω :4-Diveratroylresacetophenone, 1387.
 Resacetophenone diveratrate, 1387.
C₂₆H₂₈O₇ Hexamethoxy-3:3-diphenylcoumaran, 375.
C₂₆H₂₈O₁₄ Alizarin β -gentiobioside, 1168.
C₂₆H₃₆N₂ *trans*-Octahydronaphthyl-2-*trans*- β -decalone phenylhydrazone, 1480.

26 III

- C₂₆H₁₆ON₂** 9-Acetyl-3:9'-dicarbazyl, 1525.
C₂₆H₂₁O₃N₃ 9-*p*-(*o*-Acetamidophenylamino)phenylcarbazole, 1524.
C₂₆H₂₉O₄N 6-Hydroxy-7-methoxy-1-(3'-benzyloxy-4'-methoxybenzyl)-2-methyl-1:2:3:4-tetrahydro*iso*-quinoline, 281.
C₂₆H₃₀O₁₁S 2-*p*-Toluenesulphonyl 3:4:6-triacetyl β -benzylglucoside, 225.
C₂₆H₃₅O₄N₄ *trans*-Octahydronaphthyl-2-*trans*- β -decalone 2:4-dinitrophenylhydrazone, 1480.
C₂₆H₃₅O₂N₃ *trans*-Octahydronaphthyl-2-*trans*- β -decalone *p*-nitrophenylhydrazone, 1480.
C₂₆H₄₄O₅N₄ Glycollaldehyde octadecyl ether 2:4-dinitrophenylhydrazone, 166.

26 IV

- C₂₆H₂₆O₄NCl** 6-Hydroxy-7-methoxy-1-(3'-benzyloxy-4'-methoxybenzyl)-2-methyl*iso*quinolinium chloride, 281.

C₂₇ Group.

- C₂₇H₁₈O₂** 3:3'-Dimethylenedi- β -naphthaspiropyran, 434.
 3-Phenyl-4-styryl-1:2- α -naphthapyrone, 617.
C₂₇H₂₅N Benzhydryldibenzylamine, and its salts, 75.
C₂₇H₃₀O₁₆ Substance, from stems of tomatoes, 1528.
C₂₇H₄₆O Cholesterol, structure of, 632.

27 III

- C₂₇H₂₃O₅N** 6:7-Dimethoxy-3-benzoyl-2-phenylquinoline-4-propionic acid, 1089.

27 IV

- C₂₇H₁₉ONBr** Bromo-1-benzoyl-2:3-diphenylindole, 959.

C₂₈ Group.

- C₂₈H₁₄O₈** 3:3':4:4'-Tetrahydroxy-1:1'-dianthraquinonyl, 1517.
C₂₈H₁₆O₃ 2':3'-Naphtha-1:2-pyrene-1':4'-*endo*- $\alpha\beta$ -succinic anhydride, 404.
C₂₈H₁₆N₂ 1:2:5:6-Dibenz-3:4-anthraquinoneazine, 1596.
C₂₈H₁₈O₄ 3-Phenyl-4-(3':4'-methylenedioxystryryl)-1:2- α -naphthapyrone, 617.
C₂₈H₂₀O₂ 4-Phenyl-3'-methylbenzo- β -naphthaspiropyran, 433.
 4'-Phenyl-3'-methylbenzo- α -naphthaspiropyran, 434.
C₂₈H₂₀O₃ 3-Phenyl-4-(4'-methoxystyryl)-1:2- α -naphthapyrone, 617.
C₂₈H₃₂O₆ 6-Triphenylmethyl-2:3-dimethyl α -methylglucoside, 738.
C₂₈H₃₆O₁₀ *O*-Heptamethyl phloridzin, 1171.
C₂₈H₄₄O Ergosterol, structure of, 633.
C₂₈H₄₄O₃ Ergostadienedionol, 305.
C₂₈H₄₆O₂ Dihydroergosterol oxide, 389.

28 III

- $C_{28}H_{22}O_6N_4$ *NN*-Diacetyl-2:2'-di-*o*-nitrophenylaminodiphenyl, 1521.
 $C_{28}H_{24}O_2N_2$ 2:3-Di-*p*-nitrobenzoyl 4:6-benzylidene α -methylglucoside, 1079.
 $C_{28}H_{30}O_4N_2$ 4''-Dimethylamino-4'-diethylamino-2'-acetoxydiphenylphthalide, 1268.
 $C_{28}H_{45}O_5N$ Ergostadienedionol oxime, 305.

28 IV

- $C_{28}H_{16}O_4N_4S_2$ Bis-2-*o*-nitrophenylaminophenyl disulphide, 1493.
 $C_{28}H_{22}O_2Cl_2S_2$ 7:7'-Bis-(5-chloro-2-methoxyphenylthio)stilbene, 1529.
 $C_{28}H_{22}O_6N_4S_2$ 2:2'-Di-*o*-nitrobenzamido-5:5'-ditolyl disulphide, 297.
 $C_{28}H_{26}O_2NAs$ 10-Phenacyl-10-benzyl-2-methyl-5:10-dihydrophenarsazonium hydroxide, and its camphor-sulphonate, 1636.

28 V

- $C_{28}H_{25}ONBrAs$ 10-Phenacyl-10-benzyl-2-methyl-5:10-dihydrophenarsazonium bromide, 1636.
 $C_{28}H_{25}ONIAAs$ 10-Phenacyl-10-benzyl-2-methyl-5:10-dihydrophenarsazonium iodide, 1636.

 C_{29} Group.

- $C_{29}H_{18}O_5$ 7-Benzoyloxy-3-benzoylflavone, 1388.
 $C_{29}H_{20}O_7$ Gallacetophenone tribenzoate, 1387.
 ω :3:4-Tribenzoylgallacetophenone, 1387.
 ω :2:4-Tribenzoyloxyacetophenone, 372.
 $C_{29}H_{22}O_2$ 3:3'-(β -Methyltrimethylene)di- β -naphthaspiropyran, 434.
 3:3'-Tetramethylenedi- β -naphthaspiropyran, 434.
 $C_{29}H_{22}O_3$ 7-Methoxy-4-phenylmethylbenzo- β -naphthaspiropyran, 432.
 $C_{29}H_{30}O_{10}$ Methyl *O*-tetramethylgyrophorate, 495.
 $C_{29}H_{48}O$ Stigmasterol, structure of, 635.
 $C_{29}H_{48}O_3$ Methoxyergostadienediol, 305.

29 III

- $C_{29}H_{29}N_2I$ 1:1'-Diethyl-2:2'-tricarboyanine iodide, 193.
 $C_{29}H_{33}N_2I$ Hexamethylindotricarboyanine iodide, 193.
 $C_{29}H_{38}O_2N_2$ 4:4'-Bisdiethylamino-2:2'-dimethoxytriphenylmethane, 1270.

29 IV

- $C_{29}H_{20}ONBr$ Bromo-1-cinnamoyl-2:3-diphenylindole, 959.

 C_{30} Group.

- $C_{30}H_{32}$ Dehydrocadalene, dimeride of, 24.
 $C_{30}H_{50}$ β -Amyrene, 1346.

30 II

- $C_{30}H_{18}O_4$ 3:9-Dihydroxy-2:8-dimethyl-5:6:11:12-dibenzperylene-4:10-quinone, 1519.
 4:4'-Dihydroxy-3:3'-dimethylhelianthrone, 1519.
 $C_{30}H_{18}O_6$ 4:4'-Dihydroxy-3:3'-dimethoxyhelianthrone, 1517.
 $C_{30}H_{18}O_8$ 4:4'-Dihydroxy-3:3'-dimethoxy-1:1'-dianthraquinonyl, 1517.
 $C_{30}H_{34}O_7$ 4-Acetyl-6-triphenylmethyl-2:3-dimethyl α -methylglucoside, 738.
 $C_{30}H_{46}O_2$ Ergosterol-*B*₃, 390.
 $C_{30}H_{48}O_3$ Dihydroergosterol oxide acetate, 389.
 $C_{30}H_{50}O_2$ Oxy- β -amyrin, 1346.

30 III

- $C_{30}H_{18}O_4N_2$ Höchst Yellow, degradation of, 1000.
 $C_{30}H_{34}O_2N_2$ 4':4''-Bisdiethylamino-2'-acetoxydiphenylphthalide, 1268.
 $C_{30}H_{46}O_2N_2$ Tetramethylpiperazine-*d*-methylenecamphor, 144.

 C_{31} Group.

- $C_{31}H_{20}O_2$ 4-Phenyl- $\alpha\beta$ -dinaphthaspiropyran, 433.
 $C_{31}H_{50}O_2$ β -Amyrin formate, 1346.

31 III

- $C_{31}H_{33}N_2I$ 6:6'-Dimethyl-1:1'-diethyl-2:2'-tricarboyanine iodide, 193.
 $C_{31}H_{36}O_5N_2$ 4':4''-Bisdiethylamino-2'-acetoxo-2''-methoxydiphenylphthalide, 1268.

31 IV

- $C_{31}H_{25}N_2ClS_2$ 2:2'-Dimethyldibenzthiotricarboyanine chlorides, 192.
 $C_{31}H_{35}O_{13}NS_2$ 2-*p*-Toluenesulphonyl 3:4:6-triacetylglucosidopyridinium *p*-toluenesulphonate, 225.

 C_{32} Group.

- $C_{32}H_{22}O_2$ 4-Phenylmethyl- $\alpha\beta$ -dinaphthaspiropyran, 433.
 $C_{32}H_{22}O_6$ Tetramethoxy-5:6:11:12-dibenzperylene-4:10-quinone, 1519.
 3:3':4:4'-Tetramethoxyhelianthrone, 1518.

- $C_{32}H_{38}O_{14}$ *O*-Tetra-acetyl trimethylphloridzin, 1172.
 $C_{32}H_{46}O_{19}$ Primeverin hexa-acetate, 1620.
 $C_{32}H_{52}O_2$ β -Amyrin *iso*acetate, 1346.
 $C_{32}H_{52}O_3$ Oxy- β -amyrin acetate, 1346.
 $C_{32}H_{54}O_5$ Ergostanetriol diacetate, 305.

32 III

- $C_{32}H_{24}O_{12}N_2$ Nitrobenzyl dibenzoyltartrates, 765.
 $C_{32}H_{32}O_4N_2$ 4'-Diethylamino-2'-acetoxyphenyl-4''-dimethylamino- α -naphthylphthalide, 1268.
 $C_{32}H_{38}O_5N_2$ 4':4''-Bisdiethylamino-2'-acetoxy-2''-ethoxydiphenylphthalide, 1268.

C₃₃ Group.

- $C_{33}H_{24}O_2$ 4-Phenyl-3:3'-dimethyl- $\alpha\beta$ -dinaphthaspiropyran, 434.
 $C_{33}H_{26}O_{12}$ Pentamethoxy-*ppp*-tetrabenzaldehyde, 141.
 $C_{33}H_{26}O_{13}$ Pentamethoxy-*ppp*-tetrabenzoic acid, 141.

33 III

- $C_{33}H_{35}O_4N$ 6-Benzoyloxy-7-methoxy-1-(3'-benzyloxy-4'-methoxybenzyl)-3:4-dihydro*iso*quinoline, 280.
 6-Benzoyloxy-7-methoxy-1-(3'-benzyloxy-4'-methoxybenzyl)-2-methyl-1:2:3:4-tetrahydro*iso*quinoline, 281.

33 IV

- $C_{33}H_{29}N_2IS_2$ 2:2'-Diethyl-3:4:3':4'-dibenzthiotricarbocyanine iodide, 192.
 2:2'-Diethyl-5:6:5':6'-dibenzthiotricarbocyanine iodide, 191.
 $C_{33}H_{35}O_4NI$ 6-Benzoyloxy-7-methoxy-1-(3'-benzyloxy-4'-methoxybenzyl)-3:4-dihydro*iso*quinoline methiodide, 280.

C₃₄ Group.

- $C_{34}H_{18}N_4$ 3:4:5:6-Dibenzphenanthra-1:2:7:8-diquinonediazine, 1597.
 $C_{34}H_{22}O_6$ 4:4'-Diacetoxy-3:3'-dimethylhelianthrone, 1520.
 $C_{34}H_{22}O_8$ 4:4'-Diacetoxy-3:3'-dimethoxyhelianthrone, 1517.
 $C_{34}H_{34}O_9$ Methyl 4-methoxysalicylate 6-*O*-triphenylmethyl- β -glucoside, 1619.
 $C_{34}H_{52}O_5$ Ergostenetriol-*B* diacetate, 305.

C₃₅ Group.

- $C_{35}H_{36}O_7$ 4-Benzoyl-6-triphenylmethyl-2:3-dimethyl α -methylglucoside, 738.
 $C_{35}H_{46}O_4$ Ergostadienediolone benzoate, 305.
 $C_{35}H_{50}O_3$ Dihydroergosterol oxide benzoate, 389.

35 III

- $C_{35}H_{44}O_6N_2$ Dehydroergosteryl 3:5-dinitrobenzoate, 389.
 $C_{35}H_{46}O_6N_2$ Dihydroergosteryl 3:5-dinitrobenzoate, 389.
 $C_{35}H_{48}O_7N_2$ Dihydroergosterol oxide 3:5-dinitrobenzoate, 389.

C₃₆ Group.

- $C_{36}H_{20}O_{10}$ 3:3':4:4'-Tetra-acetoxynaphthadanthrone, 1518.
 $C_{36}H_{22}O_8$ *O*-Tribenzoyl galangin, 369.
 $C_{36}H_{22}O_{10}$ 3:3':4:4'-Tetra-acetoxyhelianthrone, 1518.
 $C_{36}H_{24}O_8$ 7'-Methoxy-4-(7''-methoxy-4''-phenylcoumarin-3''-acetoxy)naphtha(1:2:4':3')coumarin, 1471.
 $C_{36}H_{24}O_9$ ω :2:4:6-Tetrabenzoyloxyacetophenone, 368.
 $C_{36}H_{26}O_{10}$ Resorcinol bis-(4'-methoxy-*p*-dibenzoyl)ether, 141.
 $C_{36}H_{52}O_4$ Methoxyergostadienediol benzoate, 305.

36 IV

- $C_{36}H_{34}O_6N_2Cu$ Diamminocupric trisdiphenol, 1230.

C₃₈ Group.

- $C_{38}H_{30}O_{12}$ Quinol bis-(3':4'-dimethoxy-*p*-dibenzoyl)ether, 141.
 $C_{38}H_{32}O_2$ 3:4-Diphenyl-5:5-dimethyl- Δ^3 -cyclopentenonylidene-3:4-diphenyl-5:5-dimethyl- Δ^3 -cyclopentenone, 731.

38 III

- $C_{38}H_{32}O_5P_2$ Triphenylmethylpyrophosphonic acid, and its silver salt, 785.

C₃₉ Group.

- $C_{39}H_{40}O_{20}$ Alizarin hepta-acetyl β -primeveroside, 1169.

C₄₀ Group.

- C₄₀H₂₄H₁₄** Quinol bis-(3:3':4'-trimethoxy-*p*-dibenzoyl) ether, 141.
C₄₀H₄₀O₁₂ Methyl 4-methoxysalicylate 6-*O*-triphenyl-2:3:4-*O*-triacetyl- β -glucoside, 1619.

40 III

- C₄₀H₃₆O₃P₂** Methyl triphenylmethylpyrophosphonate, 785.

40 IV

- C₄₀H₃₅O₄ClP** Ethyl triphenylmethylchloropyrophosphonate, 781.

C₄₁ Group.

- C₄₁H₄₄O₂₁** 1-*O*-Methylalizarin *O*-hepta-acetyl- β -gentiobioside, 1168.

41 III

- C₄₁H₅₂O₇N₄** Ergostadienediolone benzoate 2:4-dinitrophenylhydrazone, 305.

C₄₂ Group.

- C₄₂H₃₂** 7-*iso*Propenyl-1:2-benzanthracene, 1410.

42 III

- C₄₂H₄₀O₃P₂** Ethyl triphenylmethylpyrophosphonates, 784.

C₄₄ Group.

- C₄₄H₃₆O₁₀** 4:4'-Dibenzoyloxy-3:3'-dimethoxy-1:1'-dianthraquinonyl, 1517.

C₅₂ Group.

- C₅₂H₃₈O₁₆** Quinol bis-(3:4''-dimethoxy-*pp*-tribenzoyl) ether, 142.

C₈₂ Group.

- C₈₂H₆₆O₃₁** Tris-(3:3':3'':4''-tetramethoxy-*pp*-tribenzoyl)-2:3:4-trihydroxybenzaldehyde, 142.

ERRATA.

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Page	Line	
12	12*	for "(200 c.c.)" read "(20 c.c.)."
13	15	for "m.p. 224°" read "m. p. 204°."
1748	formula II	for "NH ₄ ·C ₂ H ₄ S" read "NH ₃ ·C ₂ H ₄ ·S."
1754	5*	for "α + 47°" read "α + 0-47°."

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Page	Line	
11	32	in the equation insert "E ₀ + " after " = ".
320	22, 25	for "Freyher" read "Reyher."
323	2	for "their equivalent conductivities" read "the equivalent conductivities of their neutral sodium salts."

* from bottom.