

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, extinction of flames of, by water vapour (COWARD and GLEADALL), 243.

CO Carbon monoxide, dielectric strengths of explosive gas mixtures containing (BRADFORD and FINCH), 1540; catalytic action of hydrogen on flames of (GARNER and HALL), 2037; influence of hydrogen and of water vapour on ignition of (SMITHELLS, WHITAKER, and HOLMES), 185.

CS₂ Carbon disulphide, reaction of aminophenylarsinic acids with (EVERETT), 1691.

1 II

CHN Hydrocyanic acid, action of halogen hydrides on (HINKEL and DUNN), 1834; complex salts, potential and titration curves for solutions of (GLASSSTONE), 1237.

CH₂O Formaldehyde, reactions of, with malonic esters (WELCH), 257.

CH₂O₂ Formic acid, cuprammine salts of (KING), 2311; ruthenium salts (MOND), 1249.

CH₂O₃ Carbonic acid, effect of, on corrosion of iron (EVANS), 488.

CH₄O Methyl alcohol, critical solution temperature of mixtures of *cyclohexane* and (JONES and AMSTELL), 1316; conductivity of perchlorates in (COPLEY and HARTLEY), 2488; detection and determination of water in (JONES and AMSTELL), 1316.

1 III

CHNS Thiocyanic acid, ammonium salt, development of colour by photochemical change in solutions of (SHARMA), 308; sodium salt, solubility of, in alcohol (PARTINGTON), 181.

CH₃O₂N Nitromethane, latent heat of evaporation of (PHILIP and WATERTON), 2783.

CH₄ON₂ Carbamide, equilibrium of ammonium nitrate, sodium nitrate, and (HOWELLS), 2010.

CH₄O₂S Methanesulphinic acid, silver salt (INGOLD and JESSOP), 713.

C₂ Group.

C₂H₄ Ethylene, thermal decomposition of (WHEELER and WOOD), 1823; movement of flame in mixtures of air and (GEORGESON and HARTWELL), 733.

2 II

- C_2HCl_3 Trichloroethylene, halogen displacement of (WARD), 2143.
 C_2HBr_3 Tribromoethylene, halogen displacement from (WARD), 2143.
 $C_2H_2O_4$ Oxalic acid, anhydrous, preparation of (JOHNSON and PARTINGTON), 1510; potassium hydrogen salt, catalysis of acetone-iodine reaction by (DAWSON and SMITH), 79.
 $C_2H_2Cl_4$ *s*-Tetrachloroethane, displacement of halogen from (WARD), 2143.
 $C_2H_2Br_4$ *s*-Tetrabromoethane, displacement of halogen from (WARD), 2143.
 C_2H_4O Acetaldehyde, photochemical reaction of, with oxygen (BOWEN and TIETZ), 234.
 $C_2H_4O_2$ Acetic acid, heat of association of (FENTON and GARNER), 694; (DOHSE and DUNHILL), 2409; cuprammine salts of (KING), 2311; mercuric salt, action of, on cedrene (BELL), 1908; ruthenium salts (MOND), 1247.
 C_2H_5O Ethyl alcohol, conductivity of uni-univalent ions in, and its purification (COPLEY, MURRAY-RUST, and HARTLEY), 2492.

2 III

- $C_2HO_2Cl_3$ Trichloroacetic acid, cuprammine salts (KING), 2316.
 C_2H_3OBr Acetyl bromide, action of phenols with, in ethyl acetate (BASSETT), 1314.
 C_2H_3NCl Chloromethyleneformamidine (HINKEL and DUNN), 1837.
 $C_2H_3N_2Br_3$ Hydrocyanic acid sesquibromide (HINKEL and DUNN), 1839.
 C_2H_5ON Acetamide, hydrolysis of (TAYLOR), 2741.
 $C_2H_5N_2I_3$ Hydrocyanic acid sesqui-iodide (HINKEL and DUNN), 1839.
 $C_2H_5I_2Sb$ Ethyldi-iodostibine, action of halogens on (CLARK), 2737.
 $C_2H_6O_4S$ Methyl sulphate, methylation of phenols by (HODGSON and NIXON), 2166.

 C_3 Group.

- C_3H_6 Propylene, thermal decomposition of (WHEELER and WOOD), 1823; movement of flame in mixtures of air and (GEORGEON and HARTWELL), 733.

3 II

- C_3H_6O Acetone, solubilities and equilibria of salts in (BELL, ROWLANDS, BAMFORD, THOMAS, and JONES), 1927; catalysis of the reaction of iodine with (DAWSON and SPIVEY), 2180.
 $C_3H_6S_{12}$ 1:3-Dithiolan (GIBSON), 12.
 C_3H_6Se *cyclo*Selenopropane, and its mercurichloride (MORGAN and BURSTALL), 1499.
 C_3H_8O Methyl ethyl ether, catalytic decomposition of (CLUSIUS), 2608.

3 III

- $C_3H_4ON_2$ Cyanoacetamide, condensations with (BARDHAN), 1509.
 $C_3H_6OS_2$ 1:3-Dithiolan monoxide (GIBSON), 13.
 $C_3H_6O_2S_2$ 1:3-Dithiolan dioxide (GIBSON), 13.
 $C_3H_6I_2Se$ *cyclo*Selenipropane 1:1-di-iodide (MORGAN and BURSTALL), 1499.
 $C_3H_6I_2Se_2$ Trimethylenediselenodi-iodide (MORGAN and BURSTALL), 1501.
 $C_3H_8O_2N_2$ α -Methylamino- α -hydroxyacetamide (BALABAN), 273.

3 IV

- C_3H_8ONCl Allylhydroxylamine hydrochlorides (BRADY and PEAKIN), 228.
 $C_3H_{10}O_{10}N_2Se_2$ Trimethylenediselenic acid dinitrate (MORGAN and BURSTALL), 1501.

 C_4 Group.

- C_4H_8 Butylene, movement of flame in mixtures of oil and (GEORGEON and HARTWELL), 733.
 Butylenes, thermal decomposition of (WHEELER and WOOD), 1824.

4 II

- $C_4H_2O_3$ Maleic anhydride, preparation of (MASON), 700.
 $C_4H_2O_4$ Succinic acid, bromination of (HUGHES and WATSON), 1733.
 $C_4H_2O_6$ Tartaric acid, complex cupric alkali salts (E. E. and I. W. WARK), 2474.
 $C_4H_2S_2$ 1:3-Dithian (GIBSON), 13.
 $C_4H_{10}O$ *n*-Butyl alcohol, adsorption of mixtures of benzene and, by silica gel (JONES and OUTRIDGE), 1574.
 Methyl *isopropyl* ether, catalytic decomposition of (CLUSIUS), 2611.
 C_4O_4Ni Nickel carbonyl, vapour pressure of (ANDERSON), 1653.

4 III

- $C_4H_3ON_5$ Glyoxaline-4(5)-carboxyazide, and its picrate (BALABAN), 271.
 $C_4H_2OCl_2$ Butyl chloral, action of, with 2:4-dichlorophenylhydrazines (CHATTAWAY and IRVING), 87.
 $C_4H_2O_2I$ α -Iodomethylacrylic acid (WELCH), 259.
 $C_4H_2ON_4$ Glyoxaline-4(5)-carboxyhydrazide, and its salts (BALABAN), 270.
 $C_4H_2O_2N_4$ 4-Nitro-5-amino-1-methylglyoxaline (BALABAN), 272.
 $C_4H_2OCl_2$ $\beta\beta'$ -Dichlorodiethyl ether, syntheses with (GIBSON and JOHNSON), 2525.
 $C_4H_2OI_2$ $\beta\beta'$ -Di-iododiethyl ether (GIBSON and JOHNSON), 2526.
 $C_4H_2O_2N_3$ Alacreatine, synthesis of (KING), 2376.
 Creatine, synthesis of (KING), 2374.
 $C_4H_2O_2N$ α -Amino- β -hydroxybutyric acid, and its salts (BURCH), 311.
 α -Nitrobutan- β -ol, and its sodium salt (JONES and KENNER), 926.
 $C_4H_{10}ON_2$ $\alpha\delta$ -Diamino- β -ketobutane, and its salts (PYMAN), 99.
 $C_4H_{10}O_4S$ β -Hydroxybutane- γ -sulphonic acid, salts of (POPE and KIPPING), 2593.
 $C_4H_{10}BrAu$ Diethylgold bromide (GIBSON and SIMONSEN), 2531.
 $C_4H_{10}IAu$ Diethylgold iodide (GIBSON and SIMONSEN), 2536.
 $C_4H_{11}OTl$ Dimethylthallium ethoxide (MENZIES), 1573.
 $C_4H_{12}N_2S$ Diaminodiethyl sulphide, chloroplatinate of (MANN), 1755.

4 IV

- $C_4H_2OIS_2$ 1:3-Dithiolan methiodide (GIBSON), 13.

4 V

- $C_4H_{12}N_2Cl_2SPT$ Chloro(diaminodiethyl sulphide)platinous chloride (MANN), 1754.
 Dichloro-($\beta\beta'$ -diaminodiethyl sulphide)platinum, salts of (MANN), 1752.
 $C_4H_{12}N_2Cl_4SPT$ Tetrachloro(diaminodiethyl sulphide) platinum, salts of (MANN), 1754.
 Trichloro(diaminodiethyl sulphide) platinic chloride (MANN), 1756.

4 VI

- $C_4H_{12}ON_2Cl_3SPt$ Trichloro(diaminodiethyl sulphide) platinic hydroxide (MANN), 1756.

C₅ Group.

- C_5H_5N Pyridine, compounds of arsenic trichloride with (GIBSON, JOHNSON, and VINING), 1710; action of stannic iodide with (COOPER and WARDLAW), 1144.
 $C_5H_{10}O_2$ Butyric acid, electrical conductivity of aqueous mixtures of (GRINDLEY and BURY), 1665.
 $C_5H_{11}N$ Piperidine, scission of diaryl ethers by means of (HENLEY and TURNER), 928; (FOX and TURNER), 1115, 1853.
 C_5O_5Fe Iron pentacarbonyl, occurrence of, in stored coal gas (FRIEND and VALLANCE), 718.

5 III

- C_5H_7ON Ethyl cyanoacetate, condensations with (BARDHAN), 1509.
 $C_5H_7O_2N_3$ 4(5)-Carbomethoxyaminoglyoxaline, and its picrate (BALABAN), 272.
 $C_5H_7O_5Cl$ α -Chloro- β -hydroxyglutaric acid, barium salt (BURCH), 310.
 $C_5H_7O_5N$ Dihydroxyglutaramic acid, and its ammonium salt (BURCH), 311.
 $C_5H_9N_3S$ 2-Thiolhistamine, and its hydrochloride (PYMAN), 98.
 $C_5H_{10}O_3N_2$ $\alpha\delta$ -Diamino- γ -ketovaleric acid, and its dihydrochloride (ASHLEY and HARINGTON), 2588.
 $C_5H_{11}O_3N$ α -Amino- β -hydroxy- α -methylbutyric acid, and its salts (BURCH), 312.
 β -Nitroamyl alcohol, and its sodium salt (JONES and KENNER), 926.
 α -Nitropentan- β -ol, and its sodium salt (JONES and KENNER), 927.

5 IV

- $C_5H_{10}O_3NCl$ α -Chloro- α -nitropentan- β -ol (JONES and KENNER), 927.

 C_6 Group.

- C_6H_6 Benzene, adsorption of mixtures of *n*-butyl alcohol and, by silica gel (JONES and OUTRIDGE), 1574.
 C_6H_{10} Diphenyl, absorption spectra of (ADAM and RUSSELL), 202.
 C_6H_{12} *cyclo*Hexane, critical solution temperature of mixtures of methyl alcohol and (JONES and AMSTELL), 1316.
 C_6H_{14} Hexane, action of fuming sulphuric acid on (BURKHARDT), 2387.

6 II

- C_6H_6O Phenol, equilibrium of silver nitrate, water, and (BAILEY), 1534.
 C_6H_7N Aniline, action of stannic iodide with (COOPER and WARDLAW), 1145.
 $C_6H_8O_4$ Methyl maleate, conversion of, into methyl fumarate (CLEMO and GRAHAM), 215.
 $C_6H_{10}Br_2$ $\beta\epsilon$ -Dibromo- $\Delta\gamma$ -hexene (FARMER, LAWRENCE, and SCOTT), 515.
 $C_6H_{10}Br_4$ $\alpha\beta\gamma\delta$ -Tetrabromo- $\beta\gamma$ -dimethylbutane (POPE and KIPPING), 2592.
 $C_6H_{10}O$ *cyclo*Hexanol, equilibrium of water and (SIDGWICK and SUTTON), 1323.
 $C_6H_{12}O_4$ Digitoxose (SMITH), 510.
 $C_6H_{14}O_3$ α -Propyl glyceryl ether (DAVIES, HEILBRON, and OWENS), 2544.

6 III

- $C_6H_3OCl_3$ 2:3:4-Trichlorophenol (HODGSON and KERSHAW), 1421.
 $C_6H_3OBr_3$ 2:4:5-Tribromophenol (HENLEY and TURNER), 933.
 $C_6H_3O_7N_3$ Picric acid, cuprammine salts (KING), 2312.
 $C_6H_4OBr_2$ Dibromophenols (HENLEY and TURNER), 938.
 C_6H_5OCl *m*-Chlorophenol, sulphonation of (HODGSON and KERSHAW), 1419.
 C_6H_5OBr *m*-Bromophenol, nitrosation of (HODGSON and KERSHAW), 967.
 C_6H_5OB Phenylboric acid, oxidation and nitration of (AINLEY and CHALLENGER), 2171.
 $C_6H_5O_2N$ Nitrobenzene, partition of hydrochloric acid between water and (WYNNE-JONES), 1066.
 $C_6H_5O_2N_2$ *o*-Nitroaniline, polymorphism of (DIPPY and HARTSHORNE), 725.
 Nitroanilines, ionisation constants of (WILLIAMS and SOPER), 2469.
 C_6H_5NCl Chloroanilines, ionisation constants of (WILLIAMS and SOPER), 2469.
 $C_6H_8O_4N_4$ 5(4)-Nitro-4(5)-carbomethoxyaminoglyoxaline (BALABAN), 272.
 C_6H_5ON 4-Cyanotetrahydropyran (GIBSON and JOHNSON), 2529.
 $C_6H_8O_2N_3$ 4(5)-Carbomethoxyaminoglyoxaline, and its salts (BALABAN), 271.
 $C_6H_8O_2Cl$ Tetrahydropyran-4-carboxylic chloride (GIBSON and JOHNSON), 2527.
 $C_6H_{11}O_2N$ Tetrahydropyran-4-carboxamide (GIBSON and JOHNSON), 2528.

- $C_6H_{11}Cl_3Si$ *cyclo*Hexylsilicon trichloride (PALMER and KIPPING), 1024.
 $C_6H_{12}OS_3$ Trithioacetaldehyde sulphoxides (CHATTAWAY and KELLETT), 1354.
 $C_6H_{12}O_2Br_2$ $\alpha\delta$ -Dibromo- $\beta\gamma$ -dihydroxy- $\beta\gamma$ -dimethylbutane (FARMER, LAWRENCE, and SCOTT), 521.
 $\beta\epsilon$ -Dibromohexane- $\gamma\delta$ -diol (FARMER, LAWRENCE, and SCOTT), 516.
 $C_6H_{12}O_2S_3$ Trithioacetaldehyde sulphones (CHATTAWAY and KELLETT), 1354.
 $C_6H_{12}OSi$ *cyclo*Hexylsilicic acid (PALMER and KIPPING), 1024.
 $C_6H_{12}O_6S_2$ $\beta\gamma$ -Dimethylbutylenedisulphonic acid, and its salts (POPE and KIPPING), 2592.
 $C_6H_{13}ON_3$ Methylthylacetaldehyde semicarbazone (LINSTEAD and MANN), 2070.
 $C_6H_{13}O_3N$ α - and γ -Nitrohexan- β -ols, and their sodium salts (JONES and KENNER), 927.
 $C_6H_{13}O_4N$ β -Nitro- β -hydroxymethylamyl alcohol (JONES and KENNER), 926.
 $C_6H_{14}Cl_2Pd$ Diethylthioethanepalladous chloride (BENNETT, MOSSES, and STATHAM), 1671.
 $C_6H_{14}I_2Hg$ Diethylthioethanemercuric iodide (BENNETT, MOSSES, and STATHAM), 1671.

6 IV

- $C_6HO_2Cl_2F$ 3-Fluoro-2:6-dichloro-*p*-benzoquinone (HODGSON and NIXON), 1871.
 $C_6HO_2Br_2F$ 3-Fluoro-2:6-dibromo-*p*-benzoquinone (HODGSON and NIXON), 1871.
 $C_6HO_2I_2F$ 3-Fluoro-2:6-di-iodo-*p*-benzoquinone (HODGSON and NIXON), 1871.
 $C_6H_2OCl_2Br_2$ 2:5-Dichloro-4:6-dibromophenol (FOX and TURNER), 1860.
 $C_6H_2OCl_3Br$ Trichloro-6-bromophenols (FOX and TURNER), 1863.
 $C_6H_2OCl_3F$ 3-Fluoro-2:4:6-trichlorophenol (HODGSON and NIXON), 1870.
 $C_6H_2OBr_3F$ 3-Fluoro-2:4:6-tribromophenol (HODGSON and NIXON), 1871.
 $C_6H_2OI_3F$ 3-Fluoro-2:4:6-tri-iodophenol (HODGSON and NIXON), 1871.
 $C_6H_3OClBr_2$ 4-Chloro-2:6-dibromophenol (FOX and TURNER), 1861.
 $C_6H_3OCl_2F$ 4-Fluoro-2:6-dichlorophenol (HODGSON and NIXON), 1868.
 $C_6H_3OBr_2F$ 4-Fluoro-2:6-dibromophenol (HODGSON and NIXON), 1086.
 $C_6H_3OI_2F$ 4-Fluoro-2:6-di-iodophenol (HODGSON and NIXON), 1869.
 $C_6H_3O_3NBr_2$ 2:4-Dibromo-5-nitrophenol (HENLEY and TURNER), 933.
 $C_6H_3O_4Cl_3S$ 2:3:4-Trichlorophenol-6-sulphonic acid, barium salt (HODGSON and KERSHAW), 1421.
 $C_6H_4O_3NBr$ 2-Bromo-5-nitrophenol (HENLEY and TURNER), 938.
 $C_6H_4O_6Cl_2S$ Dichloroquinolsulphonic acids, barium salts (DODGSON), 2501.
 $C_6H_4O_7Cl_2S_2$ 2:3-Dichlorophenol-4:6-disulphonic acid, barium salt (HODGSON and KERSHAW), 1423.
 $C_6H_4NCl_2B$ 2:5-Dichloro-4-bromoaniline (FOX and TURNER), 1859.
 $C_6H_5O_3SAs$ 2 Sulphinophenylarsenious oxide, and its silver salt (BARBER), 2052.
 $C_6H_5O_4N_2S$ Benzenediazonium sulphate, decomposition of, by aliphatic alcohols (HODGSON and KERSHAW), 2784.
 $C_6H_5O_4ClS$ 3-Chlorophenol-6-sulphonic acid, and its salts (DODGSON and KERSHAW), 1420.
 $C_6H_5O_6ClS$ Chloroquinolsulphonic acid, barium salt (DODGSON), 2501.
 $C_6H_5O_7Cl_2S_2$ 3-Chlorophenol-4:6-disulphonic acid, barium salt (HODGSON and KERSHAW), 1423.
 $C_6H_5O_3N_2S$ Diazobenzene-*p*-sulphonic acid, sodium salt, colour reactions of, with thiolglyoxalines (HUNTER), 2343.
 $C_6H_5O_4NB$ *m*-Nitrophenylboric acid (AINLEY and CHALLENGER), 2177.
 $C_6H_5O_6NAS$ 2-Nitro-5-hydroxyphenylarsinic acid (PHILLIPS), 1915.
 $C_6H_5O_6SAs$ Sulphinophenylarsinic acids (BARBER), 2049.
 $C_6H_7O_4SAs$ 3-Sulpho-4-hydroxyphenylarsinic acid (BARBER), 2050.

- $C_6H_7O_8SAs$ 5-Sulpho-2:4-dihydroxyphenylarsinic acid (BARBER), 2050.
 $C_6H_8NCl_4I$ 1-Methylpyridine tetrachloroiodide (CHATTAWAY and PARKES), 1004.
 $C_6H_9O_2N_3S$ *l*-2-Thiohistidine, and its salts (ASHLEY and HARRINGTON), 2588.
 $C_6H_{10}O_4Cl_2S_2$ $\beta\gamma$ -Dimethylbutylene disulphonyl chloride (POPE and KIPPING), 2592.
 $C_6H_{11}O_4SNa$ Sodium *cyclohexyl* sulphate (BURKHARDT), 2398.
 $C_6H_{13}N_4Cl_4I$ Hexamethylenetetramine tetrachloroiodide (CHATTAWAY and PARKES), 1004.
 $C_6H_{15}I_3SHg$ Triethylsulphonium mercuri-iodide (BALFE, KENYON, and PHILLIPS), 2561.
 $C_6H_{15}I_5SHg_2$ Triethylsulphonium dimercuripentaoiodide (BALFE, KENYON, and PHILLIPS), 2562.
 $C_6H_{16}Cl_2S_2Pt$ Dichlorobis(methyl ethyl sulphide)platinum (MANN), 1750.
 $C_6H_{18}N_2BrAu$ Ethylenediaminodiethylgold bromide (GIBSON and SIMONSEN), 2535.
 $C_6H_{18}N_2IAu$ Ethylenediaminodiethylgold iodide (GIBSON and SIMONSEN), 2536.

6 V

- $C_6H_2O_2NCl_2Br$ 1:4-Dichloro-2-bromo-5-nitrobenzene (FOX and TURNER), 1859.
 $C_6H_2O_2NCIBr_2$ 4-Chloro-2:6-dibromo-3-nitrophenol (FOX and TURNER), 1861.
 $C_6H_2O_2NCl_2Br$ 2:4-Dichloro-6-bromonitrophenols (FOX and TURNER), 1862.
 $C_6H_2O_2NI_2F$ 3-Fluoro-2:4-di-iodo-6-nitrophenol (HODGSON and NIXON), 1872.
 $C_6H_3O_2NCIBr$ 2-Chloro-4-bromo-5-nitrophenol (FOX and TURNER), 1860.
 $C_6H_3O_4ClBr_2S$ 3-Chloro-2:4-dibromo-6-sulphonic acid, salts (HODGSON and KERSHAW), 1421.
 $C_6H_3O_4ClI_2S$ 3-Chloro-2:4-di-iodophenol-6-sulphonic acid, and its barium salt (HODGSON and KERSHAW), 1422.
 $C_6H_3O_3N_2ClS$ 3-Chloro-2:4- and -2:6-dinitrophenol-4-sulphonic acids, potassium salts (HODGSON and KERSHAW), 2170.
 $C_6H_4O_3Cl_3SAs$ Benzenesulphonyl chloride *p*-dichloroarsine (GOUGH and KING), 693.
 $C_6H_4O_3ClSAs$ Benzenesulphonyl chloride *p*-arsenious oxide (GOUGH and KING), 693.
 2-Chlorosulphonylphenylarsenious oxide (BARBER), 2051.
 $C_6H_4O_2NCIS$ 3-Chloro-2- and -6-nitrophenol-4-sulphonic acids, potassium salts (HODGSON and KERSHAW), 2172.
 $C_6H_4O_2ClBrS_2$ 3-Chloro-2-bromophenol-4:6-disulphonic acid, barium salt (HODGSON and KERSHAW), 1424.
 $C_6H_4O_2ClIS_2$ 3-Chloro-2-iodophenol-4:6-disulphonic acid (HODGSON and KERSHAW), 1424.
 $C_6H_5O_3Cl_2SAs$ 2-Chlorosulphonylphenylchlorohydroxyarsine (BARBER), 2051.
 $C_6H_6O_3NSAs$ Benzenesulphonamide-*p*-arsenious oxide (GOUGH and KING), 693.
 $C_6H_6O_3ClSAs$ 2-Chlorosulphonylphenylarsinic acid (BARBER), 2052.
 $C_6H_7O_3NIAs$ 2-Iodo-5-aminophenylarsinic acid (BARBER), 2051.
 $C_6H_8O_3NSAs$ Benzenesulphonamide-*p*-arsinic acid (GOUGH and KING), 694.
 2 Sulphonamidophenylarsinic acid (BARBER), 2052.
 $C_6H_8O_3NSAs$ 2-Sulpho-5-aminophenylarsinic acid (BARBER), 2051.

6 VI

- $C_6H_6O_2NCl_2SAs$ Benzenesulphonamide-*p*-dichloroarsine (GOUGH and KING), 693.

C₇ Group.

- C_7H_{12} Methylene*cyclohexene* (LINSTAD), 1608.

7 II

- C₇H₆O** Benzaldehyde, inhibition by sulphur of oxidation of (BAILEY), 104.
C₇H₆O₇ Arabinose dicarbonate (HAWORTH and PORTER), 156.
C₇H₈N₄ 6-Amino-1-methyl-1:2:3-benzotriazole (BRADY and REYNOLDS), 2673.
C₇H₁₂O₂ Butylideneacetones (ECCOTT and LINSTED), 905.
 Methylhexenoic acids (LINSTEAD and MANN), 2071.
C₇H₁₂O₃ Methyl tetrahydropyran-4-carboxylate (GIBSON and JOHNSON), 2527.
C₇H₁₃I 4-Methylcyclohexyl iodide (VOGEL and OOMMEN), 771.
C₇H₁₄O₂ Heptoic acid, heat of association of (FENTON and GARNER), 694; (DOHSE and DUNKEL), 2409.
C₇H₁₄O₆ α -Methylmannofuranoside (HAWORTH and PORTER), 649; (HAWORTH, HIRST, and WEBB), 651.
 β -Methylmannopyranoside (BOTT, HAWORTH, and HIRST), 2656.
C₇H₁₄N₂ α -Diethylaminopropionitrile, and its picrate (COCKER, LAPWORTH, and WALTON), 453.
C₇H₁₆O₃ α -Butyl glyceryl ether (DAVIES, HEILBRON, and OWENS), 2545.

7 III

- C₇H₃O₂N₃** Nitroformaldehyde phenylhydrazone (JONES and KENNER), 925.
C₇H₄O₂S₂ 3:5-Disulphidobenzoic acid (BELL and BENNETT), 4.
C₇H₄O₃Br₂ 3:5-Dibromoresorcyaldehyde (HENRY and SHARP), 2283.
C₇H₄O₃I₂ 3:5-Di-iodoresorcyaldehyde (HENRY and SHARP), 2283.
C₇H₅OCl₃ 2:3:4-Trichloroanisole (HODGSON and KERSHAW), 1421.
C₇H₅O₄N Nitrobenzoic acids, cupric and cuprammine salts of (KING), 2312.
 6-Nitrosalicylaldehyde (ASHLEY, PERKIN, and ROBINSON), 394.
C₇H₆O₂N₄ 6-Nitro-1-methyl-1:2:3-benzotriazole (BRADY and REYNOLDS), 2672.
C₇H₆O₄N₂ 2:3-Dinitrotoluene, action of precipitated mercuric oxide on sodium hydroxide suspensions of (HODGSON and SMITH), 2035.
C₇H₆O₅N₂ 3:5-Dinitro-*p*-cresol, preparation of (HODGSON and SMITH), 2035.
C₇H₆O₆S 4-Sulpho-3-hydroxybenzoic acid (+ H₂O), and its salts (SHAH), 1293.
C₇H₇ON Benzamide, preparation of (KAO and MA), 2788.
C₇H₇O₁l Thallous benzyloxyde (SIDGWICK and SUTTON), 1463.
C₇H₇O₂As *m*-Benzarsinous acid (GOUGH and KING), 685.
C₇H₇O₅As Salicylic acid 5-arsinous acid (GOUGH and KING), 687.
C₇H₇O₆As Salicylic acid 5-arsinic acid (GOUGH and KING), 686.
C₇H₈O₅S Toluquinolsulphonic acid, barium salt (DODGSON), 2501.
C₇H₈NBr₅ 3:5-Dibromo-*p*-toluidine perbromide (CHATTAWAY and ADAMSON), 162.
C₇H₈O₂N 4-Cyanotetrahydropyran-4-carboxylic acid (GIBSON and JOHNSON), 2528.
C₇H₁₀O₂N₂ 4-Cyanotetrahydropyran-4-carboxamide (GIBSON and JOHNSON), 2529.

7 IV

- C₇HNB₄S** 3:4:5:6-Tetrabromobenzthiazole (HUNTER), 132.
C₇H₃O₅N₂Br₃ 2:4:6-Tribromo-3:5-dinitroanisole (HODGSON and NIXON), 1087.
C₇H₄OCl₃F 3-Fluoro-2:4:6-trichloroanisole (HODGSON and NIXON), 1870.
C₇H₄OCl₂As Benzoyl chloride *m*-dichloroarsine (GOUGH and KING), 685.
C₇H₄OBr₃F 3-Fluoro-2:4:6-tribromoanisole (HODGSON and NIXON), 1871.
C₇H₄OI₃F 3-Fluoro-2:4:6-tri-iodoanisole (HODGSON and NIXON), 1871.
C₇H₄O₃Cl₂Hg₂ 3:5-Dichloromercuriresorcyaldehyde (HENRY and SHARP), 2283.
C₇H₄O₇N₃F 3-Fluoro-2:4:6-trinitroanisole (HODGSON and NIXON), 1871.
C₇H₄NCIS Chlorophenyl thiocyanates (CHALLENGER, HIGGINBOTTOM, and HUNTINGTON), 28.

- C_7H_5NBrS *o*-Bromophenyl thiocyanate (CHALLENGER, HIGGINBOTTOM, and HUNTINGTON), 30.
 C_7H_5NIS *p*-Iodophenyl thiocyanate (CHALLENGER, HIGGINBOTTOM, and HUNTINGTON), 32.
 $C_7H_5OCl_2F$ 4-Fluoro-2:6-dichloroanisole (HODGSON and NIXON), 1868.
 $C_7H_5OBr_2F$ 4-Fluoro-2:6-dibromoanisole (HODGSON and NIXON), 1086.
 $C_7H_5OI_2F$ 4-Fluoro-2:6-di-iodoanisole (HODGSON and NIXON), 1869.
 $C_7H_5O_2N_2S$ 5-Nitro-1-aminobenzthiazole (HUNTER and JONES), 2203.
 $C_7H_5O_2Cl_2As$ Benzoic acid *m*-dichloroarsine (GOUGH and KING), 685.
 $C_7H_5O_2Cl_2As$ Salicylic acid 5-dichloroarsine (GOUGH and KING), 687.
 $C_7H_5O_4N_2Br$ 3-Bromo-4:6-dinitrotoluene (BRADY and WALLER), 1221.
 $C_7H_5NBr_2S$ Benzthiazole dibromide (HUNTER), 131.
 $C_7H_5NBr_4S$ Benzthiazole tetrabromide (HUNTER), 132.
 $C_7H_5NBr_4S_2$ 1-Thiolbenzthiazole tetrabromide (HUNTER), 138.
 $C_7H_5O_3NBr$ 3-Bromobenzoquinone-4-oxime methyl ether (HODGSON and KERSHAW), 968.
 3-Bromo-4-nitrosoanisole (HODGSON and KERSHAW), 968.
 $C_7H_5O_2NI$ 3-Iodobenzoquinone-4-oxime methyl ether (HODGSON and KERSHAW), 1970.
 3-Iodo-4-nitrosoanisole (HODGSON and KERSHAW), 1970.
 $C_7H_5O_2NAS$ Benzamide-*m*- and -*p*-arsenious oxides (GOUGH and KING), 681, 685.
 $C_7H_5O_2N_2S$ Benzimidazole-2-sulphonic acid (EVERETT), 2408.
 $C_7H_5N_2Br_2S$ 1-Aminobenzthiazole dibromide (HUNTER), 133.
 $C_7H_5N_2Br_4S$ 1-Aminobenzthiazole tetrabromide (HUNTER), 133.
 $C_7H_5O_3NSe$ Nitrophenyl methyl selenide (BAKER and MOFFITT), 1727.
 $C_7H_5O_3N_2Sb$ *m*-Carbamidophenylstibinic acid, and its sodium salt (MORGAN and COOK), 739.
 $C_7H_5N_2Br_2S$ 1-Aminobenzthiazole hydrodibromide (HUNTER), 133.
 $C_7H_5O_4NAS$ Benzamide-*m*- and -*p*-arsinic acids (GOUGH and KING), 682, 685.
 $C_7H_5O_5NAS$ Salicylamide-5-arsinic acid (GOUGH and KING), 689.
 $C_7H_5O_6NAS$ 5-Nitro-2-methoxyphenylarsinic acid (PHILLIPS), 1915.
 $C_7H_5O_5N_2AS$ 4-Nitro-3-methylaminophenylarsinic acid (PHILLIPS), 2401.
 $C_7H_5O_5SAS$ Methylsulphonylphenylarsinic acids (BARBER), 2050.
 $C_7H_{10}O_4NAS$ 5-Amino-2-methoxyphenylarsinic acid (PHILLIPS), 1916.
 $C_7H_{10}NCl_4I$ 1:2-Dimethylpyridine tetrachloroiodide (CHATTAWAY and PARKES), 1005.
 $C_7H_{12}NIS$ 2:4-Dimethylthiazole ethiodide (FISHER and HAMER), 2509.

7 V

- $C_7H_5O_2N_2ClS$ Chloronitrophenyl thiocyanates (CHALLENGER, HIGGINBOTTOM, and HUNTINGTON), 28.
 $C_7H_5O_2N_2BrS$ Bromonitrophenyl thiocyanates (CHALLENGER, HIGGINBOTTOM, and HUNTINGTON), 30.
 $C_7H_5O_2NBr_2F$ 3-Fluoro-2:4:6-tribromo-5-nitroanisole (HODGSON and NIXON), 1872.
 C_7H_4ONBrS 5-Bromo-1-hydroxybenzthiazole (HUNTER), 136.
 $C_7H_5O_2NI_2F$ 3-Fluoro-2:4-di-iodo-6-nitroanisole (HODGSON and NIXON), 1872.
 $C_7H_4NCl_2IS$ *p*-Dichloriodophenyl thiocyanate (CHALLENGER, HIGGINBOTTOM, and HUNTINGTON), 32.
 $C_7H_5O_2NIF$ 4-Fluoro-6-iodo-2-nitroanisole (HODGSON and NIXON), 1869.
 $C_7H_5O_5N_2SAS$ 3-Nitro-4-thiocyanophenylarsinic acid (BARBER), 2728.
 $C_7H_4ONCl_2AS$ Benzamide-*m*-dichloroarsine (GOUGH and KING), 685.
 $C_7H_4O_2NSAS$ Thiocyanophenylarsinic acids (BARBER), 2727.

- $C_7H_7O_2N_2Cl_4Sb$ 3-Nitro-4-methylaminophenylstibinic chloride (MORGAN and COOK), 743.
 $C_7H_7O_6N_2SAs$ 2-Sulphobenziminazole-5-arsinic acid (EVERETT), 2406.

C₈ Group.

- $C_8H_6N_4$ α -Benzbisiminazole (PHILLIPS), 1415.
 $C_8H_8O_3$ γ -Mandelic acid, magnesium salt, stability of (FINDLAY and CAMPBELL), 2721.
 $C_8H_8O_4$ 2:5-Dihydroxy-4-methoxybenzaldehyde (HEAD and ROBERTSON), 2441.
 3-*O*-Methylgallaldehyde (BRADLEY, ROBINSON, and SCHWARZENBACH), 811.
 $C_8H_8O_5$ 3-*O*-Methylgallic acid (BRADLEY, ROBINSON, and SCHWARZENBACH), 813.
 $C_8H_8O_8$ Fructose dicarbonate (HAWORTH and PORTER), 155.
 Galactose dicarbonate (HAWORTH and PORTER), 154.
 Glucose dicarbonate (HAWORTH and PORTER), 154.
 Mannose dicarbonate (HAWORTH and PORTER), 154.
 $C_8H_{10}O_2$ 6-Methoxy-*o*-cresol (JONES and ROBERTSON), 1704.
 Resorcinol ethyl ether, nitrosation of (HODGSON and CLAY), 963.
 $C_8H_{10}O_3$ 3:4-Dimethoxyphenol (HEAD and ROBERTSON), 2440.
 Substance, from dehydroangustione and potassium hypobromite (GIBSON, PENFOLD, and SIMONSEN), 1200.
 $C_8H_{10}N_4$ 7-Amino-3:5-dimethyl-1:2:3-benzotriazole (BRADY and REYNOLDS), 2673.
 5:6-Diamino-2-methylbenziminazole, and its dihydrochloride (PHILLIPS), 1414.
 $C_8H_{11}N$ Dimethylaniline, picrate of (HODGSON and KERSHAW), 280.
 $C_8H_{12}O_4$ γ -Methyl- γ -ethylitaconic acid (LINSTEAD and MANN), 2067.
 γ -Methyl- γ -ethylitaconic acid (LINSTEAD and MANN), 2067.
 γ -Methyl- γ -ethylparaconic acid (LINSTEAD and MANN), 2068.
 $C_8H_{12}N_2$ *o*-Aminodimethylaniline, and its salts (HODGSON and KERSHAW), 501.
 $C_8H_{14}O_2$ *n*-Octoic acid, potassium salt, partial specific volume of, in aqueous solution (DAVIES and BURY), 2263.
 $C_8H_{14}O_3$ Ethyl tetrahydropyran-4-carboxylate (GIBSON and JOHNSON), 2527.
 $C_8H_{14}O_4$ *l*- $\alpha\gamma$ -Trimethylglutaric acid (GIBSON, PENFOLD, and SIMONSEN), 1200.
 $C_8H_{14}O_5$ Trimethyl γ -lyxonolactone (BOTT, HIRST, and SMITH), 666.
 $C_8H_{15}N$ Diisopropylacetoneitrile (MARSHALL), 2758.
 $C_8H_{16}O$ α -*iso*Amylallyl alcohol (BURTON), 251.
 $C_8H_{16}O_2$ Diisopropylacetic acid, and its silver salt (MARSHALL), 2760.
 $C_8H_{16}O_5$ Trimethyl lyxofuranose (BOTT, HIRST, and SMITH), 665.
 $C_8H_{18}Te$ Di-*n*-butyl telluride (BURSTALL and SUGDEN), 233.

8 III

- $C_8H_5O_6N_3$ 5:7-Dinitroisatin (MENON, PERKIN, and ROBINSON), 839.
 C_8H_5ON Benzonitrile, latent heat of evaporation of (PHILIP and WATERTON), 2783.
 $C_8H_5O_3Cl$ 3-Chloro- α -hydroxyphthalide (LEVY and STEPHEN), 2788.
 $C_8H_6ON_2$ Nitro-1-methylbenzoxazoles (PHILLIPS), 2687.
 $C_8H_6OBr_2$ 3: ω -Dibromoacetophenone (ELSON, GIBSON, and JOHNSON), 1132.
 $C_8H_6O_3Hg$ 2:5-Anhydro-5-hydroxymercuri-2-hydroxy-3-methoxybenzaldehyde (HENRY and SHARP), 2288.
 $C_8H_6O_4N_2$ Nitromethylbenzoxazolones (BALABAN), 2351.
 C_8H_7ON *p*-Methoxyphenyl isocyanide (HAMMICK, NEW, SIDGWICK, and SUTTON), 1877.
 1-Methylbenzoxazole, and its hydrochloride (PHILLIPS), 2687.
 C_8H_7OBr Bromoacetophenones (ELSON, GIBSON, and JOHNSON), 1131.

- $C_8H_7O_2Cl$ 3-Chloro-*o*-toluic acid (LEVY and STEPHEN), 2788.
 $C_8H_7O_3Cl$ 2-Chloro-3-methoxybenzoic acid (HODGSON and ROSENBERG), 17.
 $C_8H_7O_3Br$ 3-Bromo-2-hydroxy-4-methoxybenzaldehyde (HENRY and SHARP),
 2286.
 6-Bromoisovanillin (HENRY and SHARP), 2285.
 $C_8H_7O_3Ti$ Thallous *o*-vanillin (SIDGWICK and SUTTON), 1463.
 $C_8H_7O_4N$ 6-Nitrosalicylaldehyde methyl ether (ASHLEY, PERKIN, and ROBINSON),
 395.
 $C_8H_7O_5N_3$ Dinitronitrosoethylbenzenes (DAY), 255.
 $C_8H_7O_6N_3$ Trinitroethylbenzenes (DAY), 254.
 $C_8H_8ON_2$ Amino-1-methylbenzoxazoles (PHILLIPS), 2688.
 $C_8H_8O_2N_4$ Nitroamino-2-methylbenziminazole, and its hydrochloride (PHILLIPS),
 1413.
 7-Nitro-3:5-dimethyl-1:2:3-benzotriazole (BRADY and REYNOLDS), 2673.
 $C_8H_8O_3S$ 4-Thiol-3-methoxybenzoic acid (SHAH), 1298.
 $C_8H_8O_4N$ 2-Nitro-5-acetamidophenol (PHILLIPS), 1913.
 $C_8H_8O_5N_2$ Dinitro-*m*-4-xylenols (FOX and TURNER), 1866.
 $C_8H_8O_6S$ 4-Sulpho-3-methoxybenzoic acid, (+ 2H₂O) and its salts (SHAH), 1296.
 $C_8H_8O_2N_3$ ω -Nitroacetaldehyde phenylhydrazone (JONES and KENNER), 924.
p-Nitrophenylacetamide, salts of (FORSYTH and PYMAN), 400.
 $C_8H_8O_3N$ 2-Nitro-6-methoxytoluene (JONES and ROBERTSON), 1703.
 $C_8H_8O_3N_3$ Nitro-2-aminoacetanilides (PHILLIPS), 1412.
 ω -Nitroglycollaldehyde phenylhydrazones (JONES and KENNER), 924.
 $C_8H_9O_6As$ Methyl salicylate-5-arsinic acid (GOUGH and KING), 687.
 $C_8H_{10}OS$ 4-Thiol-3-methoxytoluene (SHAH and BHATT), 1300.
 $C_8H_{10}O_2N_2$ Aminoacetamidophenols, and their hydrochlorides (PHILLIPS), 2689.
 Nitrodimethylanilines, and their picrates (HODGSON and KERSHAW), 280, 500.
 $C_8H_{10}O_4N_4$ Dinitrohydrazinoethylbenzenes (DAY), 255.
 $C_8H_{10}O_5S$ *p*-Xyloquinolsulphonic acid, barium salt (DODGSON), 2501.
 $C_8H_{10}NBr$ 5-Bromo-4-amino-*o*-xylene (MILLS and NIXON), 2524.
 $C_8H_{11}ON$ 6-Amino-*p*-2-xyleneol (ROBERTSON and STEPHENSON), 316.
 β -Hydroxyphenylethylamine, and its salts (READ and CAMPBELL), 2683.
 $C_8H_{11}OS$ Phenyl dimethylsulphonium hydroxide, picrate of (BAKER and MOFFITT),
 1725.
 $C_8H_{11}OSe$ Phenyl dimethylselenonium hydroxide, picrate of (BAKER and MOFFITT),
 1725.
 $C_8H_{11}N_2Cl$ 3-Chloro-6-aminodimethylaniline, and its salts (HODGSON and KER-
 SHAW), 501.
 $C_8H_{11}N_2Br$ 3-Bromo-6-aminodimethylaniline, and its picrate (HODGSON and
 KERSHAW), 501.
 $C_8H_{11}N_2I$ 3-Iodo-6-aminodimethylaniline, and its salts (HODGSON and KERSHAW),
 501.
 $C_8H_{15}ON_3$ Butylideneacetone semicarbazones (ECCOTT and LINSTEAD), 912.
 Δ^{δ} -Hepten- β -one semicarbazone (ECCOTT and LINSTEAD), 914.
 ϵ -Methyl- Δ^{δ} -hexen- β -one semicarbazone (ECCOTT and LINSTEAD), 918.
 $C_8H_{15}O_6N$ *d*-Erythrosemimine (DEULOFEU), 2604.
 $C_8H_{16}O_5N_2$ *d*-Erythro diacetamide (DEULOFEU), 2603.
 $C_8H_{17}ON$ Diisopropylacetamide (MARSHALL), 2759.
 $C_8H_{17}ON_3$ Methyl β -methylbutyl ketone semicarbazone (DAVIES, DIXON, and
 JONES), 471.
 $C_8H_{20}NI$ Tetraethylammonium iodide, electrical conductivity of solutions of, in
 benzonitrile (MARTIN), 530.

8 IV

- $C_8H_6O_2Br_2S$ 2:2-Dibromo-3-keto-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 413.
 $C_8H_6O_2BrS$ 2-Bromo-3-keto-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 413.
 $C_8H_5O_6N_2Cl$ 3:5-Dinitro-2-methoxybenzoyl chloride (ASHLEY, PERKIN, and ROBINSON), 380.
 $C_8H_6O_3NBr$ 5-Bromo-2-nitroacetophenone (ELSON, GIBSON, and JOHNSON), 1132.
 $C_8H_6O_4NCl$ 3-Nitroanisyl chloride (ASHLEY, PERKIN, and ROBINSON), 393.
 $C_8H_6O_4Cl_2S$ 4-Chlorosulphonyl-3-methoxybenzoyl chloride (SHAH), 1297.
 C_8H_6NCIS 1-Chloro-5-methylbenzthiazole (HUNTER and JONES), 2207.
 C_8H_6NBrS *m*-Bromo-*p*-tolylthiocarbamide (HUNTER and JONES), 2200.
 $C_8H_7O_2N_2Cl$ 4-Chloro*isophthalamide* (GOUGH and KING), 690.
 $C_8H_7O_2N_2S$ 5-Nitro-1-imino-2-methyl-1:2-dihydrobenzthiazole (HUNTER and JONES), 2204.
 5-Nitro-1-methylaminobenzthiazole (HUNTER and JONES), 2204.
 $C_8H_7O_2ClHg$ 3-Chloromercuri-2-hydroxy-5-methoxybenzaldehyde (HENRY and SHARP), 2287.
 Chloromercuri*isovanillin* (HENRY and SHARP), 2284.
 $C_8H_7O_3Cl_2As$ Methyl-5-dichloroarsine (GOUGH and KING), 688.
 $C_8H_7O_3BrHg$ Bromomercuri*isovanillin* (HENRY and SHARP), 2284.
 $C_8H_7O_5ClS$ 4-Chlorosulphonyl-3-methoxybenzoic acid (SHAH), 1297.
 $C_8H_4NBr_4S_2$ 1-Thiol-2-methyl-1:2-dihydrobenzthiazole tetrabromide (HUNTER), 141.
 $C_8H_7N_2ClS$ 5-Chloro-1-methylaminobenzthiazole (HUNTER and JONES), 2203.
 $C_8H_7N_2BrS$ 5-Bromo-1-imino-2-methyl-1:2-dihydrobenzthiazole (HUNTER), 140.
 C_8H_7ONCl *N*-Chloroacetanilide, conversion of, into *p*-chloroacetanilide (BELTON), 116.
 $C_8H_5O_2NCl$ 3-Chloronitrophenetoles (HODGSON and CLAY), 966.
 $C_8H_5O_4NSb$ 3-Acetylamino-4-hydroxyphenylstibinic acid (MORGAN and COOK), 743.
 $C_8H_5O_5NSb$ 3-Hydroxy-1:4-benzisooxazine-6-stibinic acid (BALABAN), 1687.
 $C_8H_5O_5N_2As$ Nitro-2-methylbenziminazolearsinic acid (PHILLIPS), 1414.
 $C_8H_5O_6NAs$ *isoPhthalamic acid* 6-arsinic acid, and its ammonium salt (GOUGH and KING), 690.
 $C_8H_5N_2Br_2S$ 5-Bromo-1-imino-2-methyl-1:2-dihydrobenzthiazole hydrobromide (HUNTER), 140.
 $C_8H_5N_2Br_3S$ 5-Bromo-1-imino-2-methyl-1:2-dihydrobenzthiazole hydrotribromide (HUNTER), 140.
 C_8H_5ONS Thioform-*p*-anisidide (HAMMICK, NEW, SIDGWICK, and SUTTON), 1877.
 $C_8H_5O_2N_2Cl$ 3-Chloro-6-nitrodimethylaniline, and its picrate (HODGSON and KERSHAW), 500.
 $C_8H_5O_2N_2Br$ 3-Bromo-6-nitrodimethylaniline, and its picrate (HODGSON and KERSHAW), 500.
 $C_8H_5O_2N_2I$ 3-Iodo-6-nitrodimethylaniline, and its picrate (HODGSON and KERSHAW), 500.
 $C_8H_5O_2N_4Cl$ 6-Nitro-1:3-dimethyl-1:2:3-benztriazolinium chloride (BRADY and REYNOLDS), 2672.
 $C_8H_5O_3N_3Sb$ *N*-Phenylglycineamide-*m*-stibinic acid, and its sodium salt (MORGAN and COOK), 740.
 $C_8H_5O_4N_3Sb$ 3-Nitro-4-ethylaminophenylstibinic acid (MORGAN and COOK), 743.
 $C_8H_5O_5NS$ 4-Sulphonamido-3-methoxybenzoic acid (SHAH), 1298.
 $C_8H_5O_6N_2As$ 2-Nitro-5-acetamidophenylarsinic acid (PHILLIPS), 1914.

- $C_8H_9N_2ClS$ *s-p*-Chlorophenylmethylthiocarbamide (HUNTER and JONES), 2203.
 $C_8H_9N_2BrS$ 1-Imino-2-methyl-1:2-dihydrobenzthiazole hydrobromide (HUNTER), 139.
 $C_8H_9N_2Br_2S$ 1-Imino-2-methyl-1:2-dihydrobenzthiazole hydrodibromide (HUNTER), 139.
 $C_8H_9N_2Br_5S$ 1-Imino-2-methyl-1:2-dihydrobenzthiazole hypopentabromide (HUNTER), 139.
 $C_8H_{10}O_3NS$ Nitrophenyldimethylsulphonium hydroxides, picrates of (BAKER and MOFFITT), 1725.
 $C_8H_{10}O_3NAS$ Benzomethylamide-*m*- and -*p*-arsinous acids (GOUGH and KING), 682, 685.
 $C_8H_{10}O_3NSe$ Nitrophenyldimethylselenonium hydroxides, picrates of (BAKER and MOFFITT), 1727.
 $C_8H_{10}O_3N_3AS$ Amino-2-methylbenzimidazolearsinic acid (PHILLIPS), 1414.
 $C_8H_{10}O_4NAS$ Benzomethylamide-*m*- and -*p*-arsinic acids (GOUGH and KING), 682, 686.
 $C_8H_{10}O_4N_2S$ 4-Sulphonamido-3-methoxybenzamide (SHAH), 1298.
 $C_8H_{10}O_6NSb$ 3-Acetamido-4-hydroxyphenylstibinic acid (BALABAN), 1685.
 $C_8H_{11}O_2N_2AS$ Aminoacetamidophenylarsinic acid (PHILLIPS), 1911.
 $C_8H_{22}O_2S_2Pt$ Platinumbisdiethylsulphonium hydroxide, and its salts (ANGELL, DREW, and WARDLAW), 360.

8 V

- C_8H_5ONBrS 5-Bromo-1-keto-2-methyl-1:2-dihydrobenzthiazole (HUNTER), 140.
 $C_8H_5ON_3BrS$ 5-Bromo-1-nitrosoimino-2-methyl-1:2-dihydrobenzthiazole (HUNTER), 140.
 $C_8H_7ON_3Br_4S$ 1-Nitrosoimino-2-methyl-1:2-dihydrobenzthiazole tetrabromide (HUNTER), 141.
 $C_8H_5O_2N_2Cl_4Sb$ 3-Nitro-4-ethylaminophenylstibinic chloride (MORGAN and COOK), 743.
 $C_8H_5O_4NIAS$ 2-Iodo-5-acetamidophenylarsinic acid (BARBER), 2051.

8 VI

- $C_8H_{22}O_2N_2Cl_2S_2Pt$ Dichlorobis-(1:4-thiazan)platinum dihydrate (MANN), 1752.

C₉ Group.

- C_9H_7N Quinoline, action of stannic iodide with (COOPER and WARDLAW), 1145.
 $C_9H_8N_2$ 1-Phenylglyoxaline, and its nitrate (FORSYTH and PYMAN), 402.
 $C_9H_8N_4$ α -2-Methylbenzobisimidazole (PHILLIPS), 1415.
 $C_9H_{10}O_2$ 5:6-Dihydroxyhydrindene (MILLS and NIXON), 2522.
 Phenylacetylcarbinol (HEY), 1233.
 $C_9H_{10}O_3$ β -Orcylaldehyde (ROBERTSON and STEPHENSON), 316.
 $C_9H_{10}O_4$ 2-Hydroxy-4:5-dimethoxybenzaldehyde (HEAD and ROBERTSON), 2440.
 β -Orcinolcarboxylic acid (ROBERTSON and STEPHENSON), 317.
m-Xylorcinolcarboxylic acid (BOYCE, RANKINE, and ROBERTSON), 1216.
 $C_9H_{10}O_8$ Methylmannofuranoside dicarbonate (HAWORTH and PORTER), 650.
 $C_9H_{12}O_2$ Methoxymethyl benzyl ether (COCKER, LAPWORTH, and WALTON), 452.
 6-Methoxy-*m*-4-xylene (BOYCE, RANKINE, and ROBERTSON), 1217.
 1:1:3-Trimethyl- Δ^2 -cyclohexene-4:6-dione (GIBSON, PENFOLD, and SIMONSEN), 1194.
 $C_9H_{12}O_5$ 3-Methoxy-4-ethoxyphenol (HEAD and ROBERTSON), 2438.
 4-Methoxy-3-ethoxyphenol (HEAD and ROBERTSON), 2443.
 $C_9H_{13}N$ *p*-Amino-*n*-propylbenzene, and its salts (HICKINBOTTOM and WAINE), 1562.
 Dimethyl-*p*-toluidine, and its salts (HODGSON and KERSHAW), 278.
dl- β -Phenylisopropylamine, and its salts (HEY), 18.

- $C_9H_{14}O_2$ 5-*n*-Propyldihydroresorcinol (ECCOTT and LINSTAD), 915.
 1:1:3-Trimethylcyclohexane-4:6-dione (GIBSON, PENFOLD, and SIMONSEN), 1196.
 $C_9H_{14}N$ Phenyltrimethylamine, salts of (ZAKI), 1084.
 $C_9H_{14}N_2$ *p*-Aminophenyltrimethylamine, methosulphate of (ZAKI), 1079.
 $C_9H_{16}O_4$ Diisopropylmalonic acid, and its silver salt (MARSHALL), 2760.
 $C_9H_{16}O_6$ Ethyl di(hydroxymethyl)malonate (WELCH), 258.
 $C_9H_{16}O_7$ Acetyl γ -methylmannoside (BOTT, HAWORTH, and HIRST), 1401.
 $C_9H_{18}O$ α -*n*-Hexylallyl alcohol (BURTON), 251.
 $C_9H_{18}O_5$ Trimethyl methyl-lyxofuranoside (BOTT, HIRST, and SMITH), 664.
 $C_9H_{18}O_6$ Trimethyl α -mannosepyranose (BOTT, HAWORTH, and HIRST), 1403.
 $C_9H_{20}O$ Methyl ethyl-(β -methylbutyl)carbinol (DAVIES, DIXON, and JONES), 472.
 $C_9H_{21}Sb$ Tri-*n*-propylstibine (DYKE, DAVIES, and JONES), 466.

9 III

- $C_9H_4O_8N_4$ 3:6:8-Trinitro-2:4-dihydroxyquinoline (ASHLEY, PERKIN, and ROBINSON), 389.
 $C_9H_5O_6N_3$ Dinitrodihydroxyquinolines (ASHLEY, PERKIN, and ROBINSON), 388.
 $C_9H_7O_2N_3$ 1-*p*-Nitrophenylglyoxaline, and its hydrochloride (FORSYTH and PYMAN), 403.
 $C_9H_7O_5N_3$ 6:8-Dinitrohydrocarbostyryl (MENON, PERKIN, and ROBINSON), 840.
 $C_9H_7O_5N_5$ Dinitrohydrazinodeoxystrychol (MENON, PERKIN, and ROBINSON), 841.
 $C_9H_8OBr_2$ α : α -Dibromopropiophenone (ELSON, GIBSON, and JOHNSON), 1133.
 $C_9H_8O_3Br_2$ 3:5-Dibromo-2:4-dimethoxybenzaldehyde (HENRY and SHARP), 2283.
 $C_9H_8O_4Hg_2$ Hydroxymercuriacetoxymercuri-3:4-dihydroxybenzaldehyde (HENRY and SHARP), 2284.
 C_9H_9OBr 6-Bromo-5-hydroxyhydrindene (MILLS and NIXON), 2523.
 Bromopropiophenones (ELSON, GIBSON, and JOHNSON), 1133.
 $C_9H_9O_3Br$ 2-Bromo-3:4-dimethoxybenzaldehyde (HENRY and SHARP), 2285.
 $C_9H_9NS_2$ 1-Thiol-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.
 $C_9H_{10}O_3S_2$ 3:5-Dimethylthiolbenzoic acid, and its salts (BELL and BENNETT), 4.
 $C_9H_{10}O_3S$ 4-Methylthiol-3-methoxybenzoic acid (SHAH), 1299.
 $C_9H_{10}O_4S_2$ 3:5-Dimethylthiolbenzoic acid dioxides (BELL and BENNETT), 4.
 $C_9H_{10}O_5N_2$ 5-Nitro-2-carbetoxyaminophenol (PHILLIPS), 2689.
 $C_9H_{10}O_5S$ 3-Methoxybenzoic acid 4-methylsulphone (SHAH), 1299.
 $C_9H_{10}N_2S$ 1-Methylamino-5-methylbenzthiazole (HUNTER and JONES), 2199.
 2-Thiolphenyl-4:5-dihydroglyoxalines (McCLELLAND and WARREN), 1101.
 $C_9H_{11}ON$ Aminopropiophenones (ELSON, GIBSON, and JOHNSON), 1132.
 Benzyl methyl ketoxime (HEY), 19.
 $C_9H_{11}O_2N$ Ethyl crotylidenedicyanoacetate (CAWLEY, EVANS, and FARMER), 530.
 4-Methylphthalic anhydride, preparation of (HAYASHI), 1515.
 Phenylacetylcarbinol oxime (HEY), 1233.
 $C_9H_{11}O_3Br$ 5-Bromo-1:1:3-trimethyl- Δ^2 -cyclohexene-4:6-dione (GIBSON, PENFOLD, and SIMONSEN), 1194.
 $C_9H_{11}O_3N_3$ 4-Nitro-2-acetamidomethylaniline (PHILLIPS), 1415.
 $C_9H_{11}O_4N_3$ Dinitromethylaminoethylbenzenes (DAY), 256.
 $C_9H_{11}N_3S$ 5-Amino-1-methylimino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 143.
 $C_9H_{12}ON_4$ Aminoacetophenone semicarbazones (ELSON, GIBSON, and JOHNSON), 1130.
 $C_9H_{12}OS$ 4-Methylthiol-3-methoxytoluene (SHAH and BHATT), 1301.
 $C_9H_{12}O_2N_2$ Nitrodimethyl-*p*-toluidines, and their picrates (HODGSON and KERSHAW), 279.

- $C_9H_{12}O_3N_2$ 5-Amino-2-carbethoxyaminophenol (PHILLIPS), 2689.
 $C_9H_{12}N_2S$ *p*-Tolylmethylthiocarbamides (HUNTER and JONES), 2199.
 $C_9H_{13}ON$ Norephedrine (HEY), 1232.
 $C_9H_{13}OS$ Benzyl dimethylsulphonium hydroxide, picrate of (BAKER and MOFFITT), 1727.
 $C_9H_{13}OSE$ Benzyl dimethylselenonium hydroxide, picrate of (BAKER and MOFFITT), 1728.
 $C_9H_{13}O_2N_2$ *m*-Nitrophenyltrimethylamine, salts of (ZAKI), 1084.
 $C_9H_{13}O_3N$ Ethyl 4-cyanotetrahydropyran-4-carboxylate (GIBSON and JOHNSON), 2528.
 $C_9H_{14}O_7S$ Ethyl di(hydroxymethyl)malonate sulphite (WELCH), 259.
 $C_9H_{14}NBr$ *m*-Bromobenzyl dimethylamine, and its picrate (STEVENS), 2111.
 $C_9H_{15}ON$ Methyl- Δ^1 -cyclohexenylacetamides (KON and THAKUR), 2222.
 Methylcyclohexylideneacetamides (KON and THAKUR), 2222.
 $C_9H_{15}O_2N$ Diisopropylcyanoacetic acid, and its silver salt (MARSHALL), 2758.
 $C_9H_{17}O_2Au$ Diethylgold acetylacetonate (GIBSON and SIMONSEN), 2535.
 $C_9H_{17}O_3N$ Diisopropylmalonamic acid, and its silver salt (MARSHALL), 2758.
 $C_9H_{21}OSb$ Tri-*n*-propylstibinic oxide (DYKE and JONES), 1923.
 $C_9H_{21}O_7Sb_3$ Tri-*n*-propylstibinic metantimonite (DYKE and JONES), 1923.
 $C_9H_{21}Cl_3Sb$ Tri-*n*-propylstibinic chloride (DYKE and JONES), 1924.
 $C_9H_{21}Br_3Sb$ Tri-*n*-propylstibinic bromide (DYKE and JONES), 1924.
 $C_9H_{21}I_3Sb$ Tri-*n*-propylstibinic iodide (DYKE and JONES), 1924.
 $C_9H_{21}SSb$ Tri-*n*-propylstibinic sulphide (DYKE and JONES), 1924.
 $C_9H_{21}S_4Sb_3$ Tri-*n*-propylstibinic metathioantimonite (DYKE and JONES), 1924.

9 IV

- $C_9H_7O_3N_3S$ 5-Nitro-1-acetamidobenzthiazole (HUNTER and JONES), 2203.
 $C_9H_7NCl_3Sb$ Quinolylstibinic chloride hydrochlorides (MORGAN and COOK), 744.
 $C_9H_8O_3NSb$ Quinolylstibinic acids, and their salts (MORGAN and COOK), 744.
 $C_9H_8O_3N_2S$ 5-Nitro-1-keto-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.
 $C_9H_8O_3N_3Cl_3$ $\gamma\gamma\gamma$ -Trichloro- α -nitropropan- β -ol phenylhydrazone (JONES and KENNER), 927.
 $C_9H_8O_3N_4S$ 5-Nitro-1-nitrosoimino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.
 $C_9H_8O_4N_4S$ Dinitroiminoethyl dihydrobenzthiazole (HUNTER), 144.
 C_9H_8ONS 1-Keto-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.
 $C_9H_9ON_3Br_2$ 3- ω -Dibromoacetophenone semicarbazone (ELSON, GIBSON, and JOHNSON), 1132.
 $C_9H_9ON_3S$ 1-Nitrosoimino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.
 $C_9H_9O_2N_3S$ 5-Nitro-1-imino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 143.
 $C_9H_9O_3NI_2$ Di-iodohydroxyphenylalanines (DICKINSON and MARSHALL), 2292.
 $C_9H_9O_3NCu$ Copper oximinopropiophenone (HEY), 21.
 $C_9H_9N_2BrS$ 5-Bromo-1-imino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 142.
 3-Bromo-1-methylamino-5-methylbenzthiazole (HUNTER and JONES), 2200.
 $C_9H_{10}ONCl$ Acetochlorobenzylanides (WILLIAMS), 44.
 $C_9H_{10}ON_3Br$ Bromoacetophenone semicarbazones (ELSON, GIBSON, and JOHNSON), 1131.
 $C_9H_{10}ON_3Br$ Bromohydroxyphenylalanines (DICKINSON and MARSHALL), 2291.
 $C_9H_{10}O_3NAS$ Benzo- β -hydroxyethylamide-*p*-arsenious oxide (GOUGH and KING), 683.
 $C_9H_{10}O_3N_2S_2$ 2-Phenyl-4:5-dihydroglyoxalinethiosulphonic acids (McCLELLAND and WARREN), 2692.

- $C_9H_{10}N_2Br_2S$ 5-Bromo-1-imino-2-ethyl-1:2-dihydrobenzthiazole hydrobromide (HUNTER), 142.
- $C_9H_{10}N_2Br_4S$ 5-Bromo-1-imino-2-ethyl-1:2-dihydrobenzthiazole hydrotribromide (HUNTER), 142.
- $C_9H_{11}N_2BrS$ *s-m*-Bromo-*p*-tolylmethylthiocarbamide (HUNTER and JONES), 2200.
- 1-Imino-2-ethyl-1:3-dihydrobenzthiazole hydrobromide (HUNTER), 141.
- $C_9H_{11}N_2Br_3S$ 1-Imino-2-ethyl-1:2-dihydrobenzthiazole hydrotribromide (HUNTER), 141.
- $C_9H_{11}N_2Br_4S$ 1-Methylamino-5-methylbenzthiazole hydrotetrabromide (HUNTER and JONES), 2199.
- $C_9H_{10}O_3NS$ Nitrobenzylidimethylsulphonium hydroxides, picrates of (BAKER and MOFFITT), 1728.
- $C_9H_{10}O_3NAS$ Benzethylamide-*p*-arsinous acid (GOUGH and KING), 682.
- $C_9H_{10}O_3NSe$ Nitrobenzylidimethylselenonium hydroxides, picrates of (BAKER and MOFFITT), 1728.
- $C_9H_{10}O_4NAS$ Benzethylamide-*p*-arsinic acid (GOUGH and KING), 682.
- Benzodimethylamide-*p*-arsinic acid (GOUGH and KING), 682.
- $C_9H_{12}O_6NAS$ 5-Acetamido-2-methoxyphenylarsinic acid, and its sodium salt (PHILLIPS), 1916.
- Benzo- β -hydroxyethylamide-*p*-arsinic acid (GOUGH and KING), 683.
- $C_9H_{12}O_6NAS$ 4-Carboxy-amino-3-hydroxyphenylarsinic acid (PHILLIPS), 2690.
- $C_9H_{12}O_6N_4S$ 6-Nitro-1:3-dimethyl-1:2:3-benzotriazolium methyl sulphate (BRADY and REYNOLDS), 2672.
- $C_9H_{13}O_2NS$ *p*-Toluenesulphondimethylamide (CLARKE, KENYON, and PHILLIPS), 1229.
- $C_9H_{13}O_3NS_2$ Ethyl-*p*-toluenesulphonylsulphinamide (CLARKE, KENYON, and PHILLIPS), 1229.
- $C_9H_{13}O_4N_2Sb$ *N*-Phenylglycinemethylamide-*m*-stibinic acid, sodium salt (MORGAN and COOK), 741.
- $C_9H_{13}NClBr$ *p*-Bromobenzylidimethylamine hydrochloride (STEVENS, SNEDDEN, STILLER, and THOMSON), 2122.
- $C_9H_{14}NCl_4I$ 1:2:4:6-Tetramethylpyridine tetrachloroiodide (CHATTAWAY and PARKES), 1005.
- $C_9H_{13}NI_3Hg$ Phenyltrimethylammonium mercuritri-iodide (CAVELL and SUGDEN), 2578.
- $C_9H_{15}NBrAu$ Pyridinodiethylgold bromide (GIBSON and SIMONSEN), 2535.

9 V

- $C_9H_7O_2NCl_2As$ Hippuryl chloride *p*-dichloroarsine (GOUGH and KING), 684.
- C_9H_8ONBrS 5-Bromo-1-ethoxybenzthiazole (HUNTER), 137.
- 5-Bromo-1-keto-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.
- $C_9H_8ON_3BrS$ 5-Bromo-1-nitrosoimino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.
- $C_9H_8O_2N_3BrS$ 5-Bromo-3-nitro-1-imino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 147.
- $C_9H_9ONBr_4S$ 1-Keto-2-ethyl-1:2-dihydrobenzthiazole tetrabromide (HUNTER), 145.
- $C_9H_9ON_2ClS$ Acetyl-*p*-chlorophenylthiocarbamides (HUNTER and JONES), 2202.
- $C_9H_9ON_2BrS$ Acetyl-*p*-bromophenylthiocarbamides (HUNTER and JONES), 2202.
- $C_9H_9O_5N_2SAs$ 2-Carboxymethylthiolbenzimidazole-5-arsinic acid (EVERETT), 2405.
- $C_9H_{10}ONCl_2As$ Benzodimethylamide-*p*-dichloroarsine (GOUGH and KING), 682.
- $C_9H_{10}ONBrS$ *p*-Bromophenylthiourethane (HUNTER), 137.
- $C_9H_{10}O_4N_3SAs$ 2-Carbamylmethylthiolbenzimidazole-5-arsinic acid (EVERETT), 2406.

C₁₀ Group.

C₁₀H₁₆ α -Phellandrenes (READ and STOREY), 2781.

10 II

C₁₀H₈N₂ $\alpha\alpha$ -Dipyridyl, determination of, as mercuri-iodide (MORGAN and BURSTALL), 2598.

C₁₀H₉N α -Naphthylamine, methylation of (GOKHLÉ and MASON), 1757.

C₁₀H₁₀O₃ 4-Hydroxy- $\alpha\alpha$ -dimethylphthalide (CAHN), 990.

Methylacetophenone-2-carboxylic acids (HEILBRON and WILKINSON), 2552.

C₁₀H₁₀N₂ 2-Phenyl-1-methylglyoxaline, nitrate of (FORSYTH and PYMAN), 398.

C₁₀H₁₂O₂ *n*-Butyrylphenols (COULTHARD, MARSHALL, and PYMAN), 286.

p-Methoxybenzyl methyl ketone (GOODALL and HAWORTH), 2487.

C₁₀H₁₂O₃ Acid, from oxidation of β -caryophyllene alcohol (BELL and HENDERSON), 1975.

2-Hydroxy-6-methoxy-3:5-dimethylbenzaldehyde (BOYCE, RANKINE, and ROBERTSON), 1217.

5-Propionylguaiacol (COULTHARD, MARSHALL, and PYMAN), 290.

Rhizonaldehyde (ROBERTSON and STEPHENSON), 318.

C₁₀H₁₂O₄ 2-Hydroxy-4-methoxy-5-ethoxybenzaldehyde (HEAD and ROBERTSON), 2438.

2-Hydroxy-5-methoxy-4-ethoxybenzaldehyde (HEAD and ROBERTSON), 2443.

C₁₀H₁₃Br γ -Bromobutylbenzene (BREWEN and TURNER), 503.

γ -*o*-Tolylpropyl bromide (HARVEY, HEILBRON, and WILKINSON), 428.

C₁₀H₁₄O₂ Camphoric anhydride, action of substituted aromatic amines on (M. and R. SINGH), 1301.

C₁₀H₁₄O₇ Triacetyl erythrose (DEULOFEU), 2604.

C₁₀H₁₅N *p*-Aminoisobutylbenzene, and its salts (HICKINBOTTOM and PRESTON), 1570.

C₁₀H₁₆O Piperitone (READ and STOREY), 2770.

C₁₀H₁₆O₄ Methylcyclohexyl-1-malonic acids (VOGEL and OOMMEN), 770.

C₁₀H₁₈O Piperitols (READ and STOREY), 2779.

C₁₀H₁₈O₂ α -isoAmylallyl acetate (BURTON), 252.

C₁₀H₁₈O₄ Methyl hydrogen diisopropylmalonate (MARSHALL), 2760.

C₁₀H₁₈O₅ Ethyl(hydroxymethyl) ethylmalonate (WELCH), 260.

C₁₀H₁₉N Piperitylamines, and their salts (READ and STOREY), 2770.

C₁₀H₂₀O₆ Tetramethyl mannofuranose (HAWORTH, HIRST, and WEBB), 657.

C₁₀H₂₁N *d*-neoMenthylamine, hydrobromide of (READ and STEELE), 2432.

C₁₀H₂₂O₂ Methoxymethyl *sec*-octyl ether (COCKER, LAPWORTH, and WALTON), 452.

10 III

C₁₀H₆N₂Cl₈ $\alpha\beta\beta\omega$ -Pentachlorobutaldehyde 2:4:6-trichlorophenylhydrazone (CHATTAWAY and IRVING), 91.

C₁₀H₆N₂Br₄ Tetrabromodimethylquinoxaline (BENNETT and WILLIS), 1709.

C₁₀H₆OS 1-Thiol-2-naphthol (STEVENSON and SMILES), 1743.

C₁₀H₈O₃N₂ 6-Nitro-2-hydroxy-4-methylquinoline (BALABAN), 2349.

C₁₀H₈O₄Br₂ 3:5-Dibromo-4-hydroxy- $\alpha\alpha$ -dimethylphthalide (CAHN), 992.

C₁₀H₈O₄S 3-Keto-2-acetyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 411.

C₁₀H₈N₂Cl₄ $\alpha\beta$ -Dichlorocrotonaldehyde 2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 90.

C₁₀H₉OBr₃ *o'*-*a'*- α -Tribromo-*n*-butyrophenone (ELSON, GIBSON, and JOHNSON), 1135.

- $C_{10}H_9O_2N$ 5-Anisylisooxazole (ROBINSON and SCHWARZENBACH), 827.
Methyl 4-cyano-*m*-toluate (HAYASHI), 1516.
- $C_{10}H_9O_7N_3$ Methyl 3:5-dinitro-2-acetamidobenzoate (ASHLEY, PERKIN, and ROBINSON), 390.
- $C_{10}H_9N_3S$ 2-Phenyl-4:5-dihydroglyoxaline thiocyanates (McCLELLAND and WARREN), 2692.
- $C_{10}H_{10}ON_2$ 6-Amino-2-hydroxy-4-methylquinoline, and its hydrochloride (BALABAN), 2350.
- $C_{10}H_{10}O_2N_2$ Acetamido-1-methylbenzoxazoles (PHILLIPS), 2688.
- $C_{10}H_{10}OBR_2$ *o*- α -Dibromo-*n*-butyrophenone (ELSON, GIBSON, and JOHNSON), 1134.
- $C_{10}H_{10}O_3N_2$ Allyl-*p*-nitrobenzaldoximes (BRADY and PEAKIN), 226.
- $C_{10}H_{10}O_3N_4$ Nitroacetamido-2-methylbenziminazole (PHILLIPS), 1413.
- $C_{10}H_{10}O_5N_2$ 2-Nitro-5-diacetamidophenol (PHILLIPS), 1913.
- $C_{10}H_{10}O_5Hg$ 3-Acetoxymercuri-2-hydroxy-4-methoxybenzaldehyde (HENRY and SHARP), 2286.
- 2-Acetoxymercuriisovanillin (HENRY and SHARP), 2284.
- $C_{10}H_{11}ON$ β -4-Methoxyphenylpropionitrile (JOHNSON and ROBERTSON), 25.
- $C_{10}H_{11}OBR$ Bromo-*n*-butyrophenones (ELSON, GIBSON, and JOHNSON), 1134.
- $C_{10}H_{11}O_2N$ *O*-Allylbenzhydroxamic acid (BRADY and PEAKIN), 228.
- $C_{10}H_{11}O_3N$ Anisoylacetaldoxime (ROBINSON and SCHWARZENBACH), 827.
- $C_{10}H_{11}O_5N$ Ethyl 3-nitroanisate (ASHLEY, PERKIN, and ROBINSON), 392.
- $C_{10}H_{11}O_6As$ Methyl isophthalate-4-arsinous acid (GOUGH and KING), 691.
- $C_{10}H_{11}O_7As$ Methyl isophthalate-4-arsinic acid (GOUGH and KING), 691.
- $C_{10}H_{11}NS$ *p*-Cyanobenzylethyl sulphide (MANN), 1751.
- $C_{10}H_{12}ON_4$ Aminoacetamido-2-methylbenziminazole, and its dihydrochloride (PHILLIPS), 1413.
- $C_{10}H_{12}O_2S$ *p*-Carboxybenzyl ethyl sulphide (MANN), 1751.
- $C_{10}H_{12}O_3N_2$ *p*-Nitrophenylacetiminoethyl ether, hydrochloride of (FORSYTH and PYMAN), 400.
- $C_{10}H_{12}N_2S$ 2-*m*-Methylthiophenyl-4:5-dihydroglyoxaline, and its hydriodide (McCLELLAND and WARREN), 1101.
- $C_{10}H_{13}ON$ *o*-Amino-*n*-butyrophenone (ELSON, GIBSON, and JOHNSON), 1134.
- $C_{10}H_{13}O_2N$ Acetyl-6-methoxy-*o*-toluidine (JONES and ROBERTSON), 1704.
- 4-Propionyl-*m*-cresol oxime (COULTHARD, MARSHALL, and PYMAN), 288.
- $C_{10}H_{13}O_2N_3$ β -Nitroamyl alcohol phenylhydrazone (JONES and KENNER), 926.
- $C_{10}H_{13}O_3N$ 4-Nitrosoresorcinol diethyl ether (HODGSON and CLAY), 1875.
- $C_{10}H_{13}O_3N_3$ α -Nitrobutan- β -ol phenylhydrazone (JONES and KENNER), 927.
- $C_{10}H_{14}ON$ *p*-Aldehydophenyltrimethylamine, salts of (ZAKI), 1033.
- $C_{10}H_{14}ON_4$ *o*-Aminopropiophenone semicarbazone (ELSON, GIBSON, and JOHNSON), 1133.
- $C_{10}H_{14}OS$ Phenyltetramethylenesulphonium hydroxide, bromoaurate of (BENNETT and MOSSES), 2369.
- $C_{10}H_{14}O_3N_2$ 3:4-Dimethoxyphenylacetylhydrazine (AGGARWAL, KHERA, and RÂY), 2356.
- $C_{10}H_{15}ON$ *p*-Methoxybenzyl dimethylamine, and its picrate (STEVENS), 2112.
- $C_{10}H_{17}ON$ *l*-Cryptaloxime (PENFOLD and SIMONSEN), 405.
- $C_{10}H_{16}O_3N$ Methyl diisopropylmalonamate (MARSHALL), 2758.
- $C_{10}H_{24}ISb$ Methyltri-*n*-propyl stibonium iodide (DYKE and JONES), 1924.
- $C_{10}H_{24}OSb$ Methyltri-*n*-propylstibonium hydroxide, and its salts (DYKE and JONES), 1924.

10 IV

$C_{10}H_7OBRs$ 1-Bromothiol-2-naphthol (STEVENSON and SMILES), 1744.

$C_{10}H_7O_2N_2Cl$ 2-Chloro-6-nitro-4-methylquinoline (BALABAN), 2349.

- $C_{10}H_8N_2Cl_2Br_2$ $\alpha\beta$ -Dichlorocrotonaldehyde 2:4-dibromophenylhydrazone (CHATTAWAY and IRVING), 93.
- $C_{10}H_8N_2Cl_2Br_4$ $\alpha\beta$ -Dichloro- $\alpha\beta$ -dibromobutaldehyde 2:4-dibromophenylhydrazone (CHATTAWAY and IRVING), 93.
- $C_{10}H_8N_2Cl_3Br$ $\alpha\beta$ -Dichlorocrotonaldehyde 2-chloro-4-bromophenylhydrazone (CHATTAWAY and IRVING), 94.
- $C_{10}H_8N_2Cl_4Br_2$ $\alpha\beta$ -Dichloro- $\alpha\beta$ -dibromobutaldehyde 2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 90.
- $C_{10}H_9ON_2Cl_3$ β -Chloro- α -ketobutaldehyde 2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 92.
- $C_{10}H_9O_3N_3S$ 5-Nitro-1-acetimido-2-methyl-1:2-dihydrobenzthiazole (HUNTER and JONES), 2204.
- $C_{10}H_9O_3N_3S$ 5-Nitro-1-methylacetamidobenzthiazole (HUNTER and JONES), 2204.
- $C_{10}H_9O_4Cl_4As$ Methyl isophthalate 4-arsinetetrachloride (GOUGH and KING), 692.
- $C_{10}H_9NCl_5I$ 6-Chloro-1-methylquinoline tetrachloroiodide (CHATTAWAY and PARKES), 1005.
- $C_{10}H_{10}ON_2S$ 1-Acetimido-2-methyl-1:2-dihydrobenzthiazole (HUNTER), 140.
1-Imino-2-acetyl-5-methyl-1:2-dihydrobenzthiazole (HUNTER and JONES), 2197.
- $C_{10}H_{10}OCIBr$ *p*-Chloro- α -bromo-*n*-butyrophenone (ELSON, GIBSON, and JOHNSON), 1135.
- $C_{10}H_{10}O_4NAS$ 2-Hydroxy-4-methylquinoline-6-arsinic acid (BALABAN), 2350.
- $C_{10}H_{10}O_4N_3As$ Acetamido-2-methylbenzimidazolearsinic acid (PHILLIPS), 1414.
- $C_{10}H_{11}O_2N_3S$ 5-Nitro-1-methylimino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 143.
- $C_{10}H_{11}N_2BrS$ 5-Bromo-1-methylimino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 144.
- $C_{10}H_{12}ONBr$ 5-Bromo-4-acetamido-*o*-xylene (MILLS and NIXON), 2524.
- $C_{10}H_{12}ON_2S$ 1-Imino-5-ethoxy-2-methyl-1:2-dihydrobenzthiazole (HUNTER and JONES), 2201.
1-Methylamino-5-ethoxybenzthiazole (HUNTER and JONES), 2201.
- $C_{10}H_{12}ON_3Br$ Bromopropiophenone semicarbazones (ELSON, GIBSON, and JOHNSON), 1133.
- $C_{10}H_{12}O_2NAS$ Benzo-*p*-propylamide-*p*-arsenious oxide (GOUGH and KING), 683.
- $C_{10}H_{13}O_5N_2As$ 2:5-Diacetamidophenylarsinic acid (PHILLIPS), 1915.
- $C_{10}H_{14}ON_2S$ *s-p*-Ethoxyphenylmethylthiocarbamide (HUNTER and JONES), 2201.
- $C_{10}H_{14}O_4NAS$ Benzo-*n*-propylamide-*p*-arsinic acid (GOUGH and KING), 683.
- $C_{10}H_{14}O_4N_2S_2$ 1-Amino-5-methylbenzthiazole methosulphate (HUNTER and JONES), 2198.
- $C_{10}H_{15}I_3SHg$ Phenyl-diethylsulphonium mercuritri-iodide (BALFE, KENYON, and PHILLIPS), 2563.

10 V

- $C_{10}H_9ON_2ClBr_3$ β -Chloro- α -ketobutaldehyde 2:4-dibromophenylhydrazone (CHATTAWAY and IRVING), 94.
- $C_{10}H_9ON_2ClS$ 5-Chloro-1-acetimido-2-methyl-1:2-dihydrobenzthiazole (HUNTER and JONES), 2203.
5-Chloro-1-methylacetamidobenzthiazole (HUNTER and JONES), 2203.
- $C_{10}H_9ON_2Cl_2Br$ β -Chloro- α -ketobutaldehyde 2-chloro-4-bromophenylhydrazone (CHATTAWAY and IRVING), 94.
- $C_{10}H_9ON_2BrS$ 5-Bromo-1-acetimido-2-methyl-1:2-dihydrobenzthiazole (HUNTER), 140.
- $C_{10}H_9NCl_4BrI$ 6-Bromo-1-methylquinoline tetrachloroiodide (CHATTAWAY and PARKES), 1005.
- $C_{10}H_{11}ON_2SBr_3$ 1-Imino-2-acetyl-5-methyl-1:2-dihydrobenzthiazole hydrotribromide (HUNTER and JONES), 2197.

C₁₁ Group.

- C₁₁H₁₀O₅ Anisoylpyruvic acid (ROBINSON and SCHWARZENBACH), 825.
 C₁₁H₁₂O 5-Keto-1-methyl-5:6:7:8-tetrahydronaphthalene (HARVEY, HEILBRON, and WILKINSON), 429.
 C₁₁H₁₂O₃ Hydroxycannabinolactone (CAHN), 989.
 4-Methoxydimethylphthalide (CAHN), 991.
 Methyl methylacetophenone-2-carboxylates (HEILBRON and WILKINSON), 2553.
 C₁₁N₁₂O₅ 2-Hydroxy-4-methylcarbonato-3:6-dimethylbenzaldehyde (ROBERTSON and STEPHENSON), 319.
 C₁₁H₁₃N 1:3-Dimethyl-3:4-dihydroisoquinoline, picrate of (HEY), 20.
 C₁₁H₁₄O 2:4-Dimethylcinnamyl alcohol (BURTON), 252.
 α -*m*-4-Xylylallyl alcohol (BURTON), 252.
 C₁₁H₁₄O₂ *n*-Butyrylcresols (COULTHARD, MARSHALL, and PYMAN), 286.
 5:6-Dimethoxyhydrindene (MILLS and NIXON), 2522.
p-Methoxybenzylacetone (GOODALL and HAWORTH), 2485.
 γ -*o*-Tolylbutyric acid (HARVEY, HEILBRON, and WILKINSON), 428.
p-*n*-Valerylphenol (COULTHARD, MARSHALL, and PYMAN), 284.
 C₁₁H₁₄O₃ 5-*n*-Butyrylguaiacol (COULTHARD, MARSHALL, and PYMAN), 290.
 Dehydroangustione (GIBSON, PENFOLD, and SIMONSEN), 1198.
 C₁₁H₁₄O₄ Dimethoxyethoxybenzaldehydes (HEAD and ROBERTSON), 2438, 2443.
 Ethyl β -orcinolcarboxylate (ROBERTSON and STEPHENSON), 317.
 C₁₁H₁₄O₅ Dimethoxyethoxybenzoic acids (HEAD and ROBERTSON), 2439, 2444.
 C₁₁H₁₅N 2:4-Dimethyl-1:2:3:4-tetrahydroquinolines, and their hydrochlorides (PLANT and ROSSER), 2453.
 4-Phenylpiperidine, nitrate of (FORSYTH and PYMAN), 401.
 C₁₁H₁₅Br β -Benzylbutyl bromide (BREWIN and TURNER), 502.
 γ -(2:4-Dimethylphenyl)propyl bromide (HEILBRON and WILKINSON), 2539.
 C₁₁H₁₆O γ -(2:4-Dimethylphenyl)propyl alcohol (HEILBRON and WILKINSON), 2538.
 C₁₁H₁₆O₂ *cyclo*Pentanespiro-2-methyl*cyclo*hexane-3:5-dione (KON and THAKUR), 2231.
 1:8:8-Trimethyl*bicyclo*[1:2:3]octane-2:4-dione (QUDRAT-I-KHUDA), 213.
 C₁₁H₁₆O₃ Angustione (GIBSON, PENFOLD, and SIMONSEN), 1191.
 C₁₁H₁₆O₄ Methyl ethyl *cyclopenteny*malonate (HUGH and KON), 779.
 C₁₁H₁₈O₂ Methylcampholide (QUDRAT-I-KHUDA), 212.
 C₁₁H₁₈O₃ 5-Acetyl-1:1:2-trimethyl*cyclopentane*-2-carboxylic acid (QUDRAT-I-KHUDA), 211.
 C₁₁H₂₀O₆ Tetramethyl α -mannofuranoside (HAWORTH, HIRST, and WEBB), 656.
 Tetramethyl β -methylmannopyranoside (BOTT, HAWORTH, and HIRST), 2656.

11 III

- C₁₁H₆O₂S 2-Naphthylene 1-thiolcarbonate (STEVENSON and SMILES), 1743.
 C₁₁H₆O₃N₄ Trinitrodihydroxyacetoxyquinoline (ASHLEY, PERKIN, and ROBINSON), 389.
 C₁₁H₆O₁₀N₄ 3:6:8-Trinitro-7-methoxykynurenic acid (ASHLEY, PERKIN, and ROBINSON), 394.
 C₁₁H₇OCl 3-Chloro-2-naphthaldehyde (SHOESMITH and MACKIE), 1586.
 C₁₁H₇O₇N₃ 3:6-Dinitrohydroxyacetoxyquinoline (ASHLEY, PERKIN, and ROBINSON), 389.
 C₁₁H₈O₅N₂ 3-Nitrohydroxyacetoxyquinoline (ASHLEY, PERKIN, and ROBINSON), 388.
 C₁₁H₈O₆N₂ Nitro-7-methoxykynurenic acid (ASHLEY, PERKIN, and ROBINSON), 394.

- $C_{11}H_8N_2S$ 1-Amino- α -naphthathiazole (HUNTER and JONES), 943.
 $C_{11}H_9OCl$ Chloronaphthylcarbinols (SHOESMITH and MACKIE), 1586.
 $C_{11}H_9O_2N$ Hydroxyacetoxyquinoline (ASHLEY, PERKIN, and ROBINSON), 388.
 $C_{11}H_9O_4N$ 4-Hydroxy-7-methoxyquinoline-2-carboxylic acid (ASHLEY, PERKIN, and ROBINSON), 393.
 $C_{11}H_9O_6N_5$ Acetyldinitrohydrazinodeoxystrychol (MENON, PERKIN, and ROBINSON), 842.
 $C_{11}H_9O_7N$ 2-Nitro-4-methoxybenzoylpyruvic acid (ASHLEY, PERKIN, and ROBINSON), 393.
 $C_{11}H_{10}O_3N_2$ Nitrohydroxydimethylquinolines (BALABAN), 2350.
 $C_{11}H_{10}O_7Hg_2$ 3:5-Diacetoxymercuri-2:4-dihydroxybenzaldehyde (HENRY and SHARF), 2283.
 $C_{11}H_{10}ClBr$ Chloronaphthylmethyl bromides (SHOESMITH and MACKIE), 1585.
 $C_{11}H_{11}O_2N$ Acetyl-*p*-methoxyphenylacetoneitrile (GOODALL and HAWORTH), 2486.
 4-Keto-1-acetyl-1:2:3:4-tetrahydroquinoline (CLEMO and JOHNSON), 2135.
 $C_{11}H_{11}O_4N$ Anisoylpyruvamide (ROBINSON and SCHWARZENBACH), 828.
 Oxycannabin, constitution of (CAHN), 986.
 $C_{11}H_{11}O_7N_3$ Ethyl 3:5-dinitro-2-acetamidobenzoate (ASHLEY, PERKIN, and ROBINSON), 390.
 $C_{11}H_{12}ON_2$ Aminohydroxydimethylquinolines, and their hydrochlorides (BALABAN), 2351.
 $C_{11}H_{13}ON$ 2-Keto-3:4-dimethyl-1:2:3:4-tetrahydroquinolines (PLANT and ROSSER), 2452.
 $C_{11}H_{13}O_2N$ Anhydrodehydroangustione oxime (GIBSON, PENFOLD, and SIMONSEN), 1199.
 $C_{11}H_{13}O_3N_3$ Methylacetophenone-2-carboxylic acid semicarbazones (HEILBRON and WILKINSON), 2552.
 $C_{11}H_{13}O_3Br$ α -3-Bromo-4-methoxyphenyl-*n*-butyric acid (GOODALL and HAWORTH), 2487.
 $C_{11}H_{14}O_2N_2$ 4-Nitrophenylpiperidines, salts of (FORSYTH and PYMAN), 402.
 $C_{11}H_{14}O_3N_4$ *m*-Nitro-*n*-butyrophenone semicarbazone (ELSON, GIBSON, and JOHNSON), 1134.
 $C_{11}H_{14}O_4N_2$ 5-Acetamido-2-carbethoxyaminophenol (PHILLIPS), 2689.
 $C_{11}H_{15}O_2N$ Aminodehydroangustione (GIBSON, PENFOLD, and SIMONSEN), 1198.
 Anhydroangustione oxime (GIBSON, PENFOLD, and SIMONSEN), 1193.
 6-Methoxy-*m*-4-acetylxylidine (BOYCE, RANKINE, and ROBERTSON), 1216.
p-Methoxybenzylacetoxime (GOODALL and HAWORTH), 2485.
 $C_{11}H_{15}O_2N_3$ *p*-Methoxybenzyl methyl ketone semicarbazone (GOODALL and HAWORTH), 2487.
 $C_{11}H_{15}O_3N_3$ α -Chloro- α -nitropentan- β -ol phenylhydrazone (JONES and KENNER), 927.
 $C_{11}H_{16}ON_2$ *p*-Acetamidophenyltrimethylamine, methosulphate of (ZAKI), 1079.
 $C_{11}H_{17}OS$ Benzyl-diethylsulphonium hydroxide, picrate of (POLLARD and ROBINSON), 1766.
 $C_{11}H_{17}O_2N$ Aminoangustione (GIBSON, PENFOLD, and SIMONSEN), 1192.
 $C_{11}H_{18}ON_3$ Methylcyclohexylideneacetone semicarbazones (KON and THAKUR), 2227.
 $C_{11}H_{26}ISb$ Ethyltri-*n*-propylstibonium iodide (DYKE and JONES), 1925.
 $C_{11}H_{27}OSb$ Ethyltri-*n*-propylstibonium hydroxide, salts of (DYKE and JONES), 1925.

11 IV

- $C_{11}H_6NCIS$ 1-Chloro- α -naphthathiazole (HUNTER and JONES), 942.
 $C_{11}H_6NBrS$ 1-Bromo- β -naphthylthiocarbimide (HUNTER and JONES), 948.

- $C_{11}H_7ONS$ 1-Hydroxy- α -naphthathiazole (HUNTER and JONES), 942.
 $C_{11}H_7N_2BrS$ 3-Bromo-1-amino- $\beta\beta$ -naphthathiazole (HUNTER and JONES), 948.
 $C_{11}H_9O_2N_2Cl$ Chloronitrodimethylquinolines (BALABAN), 2350.
 $C_{11}H_9N_2BrS$ 1-Bromo- β -naphthylthiocarbamide (HUNTER and JONES), 948.
 $C_{11}H_{11}O_3N_2S$ 5-Nitro-1-acetimido-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 143.
 $C_{11}H_{12}ON_2S$ 1-Acetimido-2:5-dimethyl-1:2-dihydrobenzthiazole (HUNTER and JONES), 2198.
 1-Acetimido-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 142.
 1-Acetomethylamido-5-methylbenzthiazole (HUNTER and JONES), 2200.
 $C_{11}H_{12}O_2N_2S$ 1-Acetamido-5-ethoxybenzthiazole (HUNTER and JONES), 2201.
 1-Imino-2-acetyl-5-ethoxy-1:2-dihydrobenzthiazole (HUNTER and JONES), 2201.
 $C_{11}H_{12}O_4NAS$ Hydroxydimethylquinoline-6-arsinic acids (BALABAN), 2352.
 $C_{11}H_{12}O_4N_2Sb$ 3-Nitro-4-piperidinophenylstibinic acid (MORGAN and COOK), 742.
 $C_{11}H_{14}ON_3Br$ Bromo-*n*-butyrophenone semicarbazones (ELSON, GIBSON, and JOHNSON), 1134.
 $C_{11}H_{15}O_2N_2Sb$ 3-Amino-4-piperidinophenylstibinic acid, and its sodium salt (MORGAN and COOK), 742.
 $C_{11}H_{15}O_2SCL$ *sec*.-Butyltoluenesulphonyl chlorides (SHOESMITH and MCGEHEEN), 2236.
 $C_{11}H_{15}O_5N_2AS$ Benzoylglycine-ethylamide-*p*-arsinic acid (GOUGH and KING), 684.
 $C_{11}H_{15}O_2NS$ Nitrobenzyl-diethylsulphonium hydroxides, picrates of (POLLARD and ROBINSON), 1766.
 $C_{11}H_{14}O_4NAS$ Benzodiethylamide-*p*-arsinic acid (GOUGH and KING), 683.
 $C_{11}H_{17}O_2NS$ *p*-Toluenesulphonyl-*isobutyl*amide (GULLAND and HOPTON), 10.
 $C_{11}H_{18}ONI$ α - β -Hydroxy- β -phenylethyltrimethylammonium iodide (READ and CAMPBELL), 2684.

11 V

- $C_{11}H_{10}O_3N_3BrS$ 5-Bromo-3-nitro-1-acetimido-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 147.
 $C_{11}H_{11}ON_2BrS$ 5-Bromo-1-acetimido-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 142.
 $C_{11}H_{12}O_5NS_2AS$ Di(carboxymethyl)benzamidithioarsinite (GOUGH and KING), 681.
 $C_{11}H_{12}O_2N_2Cl_4Sb$ 3-Nitro-4-piperidinophenylstibinic chloride, hydrochloride of (MORGAN and COOK), 741.
 $C_{11}H_{12}O_2N_4S_3AS$ 2-Thiolbenzimidazole-5-arsinic acid thiolacetamide (EVERETT), 2405.
 $C_{11}H_{14}ONCl_2AS$ Benzodiethylamide-*p*-dichloroarsine (GOUGH and KING), 683.
 $C_{11}H_{15}OI_3SHg$ Phenacylmethyl-ethylsulphonium mercuritri-iodide (BALFE, KENYON, and PHILLIPS), 2566.

 C_{12} Group.

- $C_{12}H_8O_4$ Acid, from squalene (HEILBRON and WILKINSON), 2551.
 $C_{12}H_9I$ *o*-Iododiphenyl (COOK), 1091.
 $C_{12}H_{10}O_5$ Methylfurfuraldehyde oxide, formation of (CHANDRASENA), 2035.
 $C_{12}H_{14}O_4$ 7-Methoxy-6-ethoxycoumarin (HEAD and ROBERTSON), 2437.
 $C_{12}H_{14}O_6$ 4:6-Diacetoxy-2-methoxybenzaldehyde (BRADLEY, ROBINSON, and SCHWARZENBACH), 806.
 $C_{12}H_{14}O_7$ Diacetyl-3-*O*-methylgallic acid (BRADLEY, ROBINSON, and SCHWARZENBACH), 814.
 $C_{12}H_{14}O_2$ Ethyl *o*-methylcinnamate (HARVEY, HEILBRON, and WILKINSON), 428.
 $C_{12}H_{14}O_3$ 3:4-Dimethylacetophenone-2-carboxylic acid (HEILBRON and WILKINSON), 2553.
 Methoxycannabinolactone (CAHN), 989.

- C₁₂H₁₄O₄** Acetylrhizonaldehyde (ROBERTSON and STEPHENSON), 318.
C₁₂H₁₄O₅ Acetylrhizonic acid (ROBERTSON and STEPHENSON), 319.
 2-Methoxy-4-methylcarbonato-3:6-dimethylbenzaldehyde (ROBERTSON and STEPHENSON), 319.
C₁₂H₁₆O Phenyl β -methylbutyl ketone (DAVIES, DIXON, and JONES), 472.
 β -*o*-Tolyldiethyl ketone (HARVEY, HEILBRON, and WILKINSON), 430.
C₁₂H₁₈O₂ β - and γ -(2:4-Dimethylphenyl)butyric acids (HEILBRON and WILKINSON), 2539.
n-Hexoylphenols (COULTHARD, MARSHALL, and PYMAN), 284.
 α -*p*-Methoxybenzylethyl methyl ketone (GOODALL and HAWORTH), 2485.
 α -*p*-Methoxyphenyl-*n*-propyl methyl ketone (GOODALL and HAWORTH), 2484.
 β -*o*-Tolyl- α -ethylpropionic acid (HARVEY, HEILBRON, and WILKINSON), 426.
 Valerylcresols (COULTHARD, MARSHALL, and PYMAN), 286.
C₁₂H₁₆O₃ β -Hydroxy- β -(2:4-dimethylphenyl)butyric acid (HEILBRON and WILKINSON), 2540.
C₁₂H₁₇Br β -(2:4-Dimethylphenyl)butyryl bromide (HEILBRON and WILKINSON), 2541.
 γ -*o*-Tolyl- α - and - β -ethylpropyl bromides (HARVEY, HEILBRON, and WILKINSON), 427.
C₁₂H₁₈O γ -(2:4-Dimethylphenyl)butyl alcohol (HEILBRON and WILKINSON), 2541.
 Phenyl-*n*-amylcarbinol (DAVIES, DIXON, and JONES), 470.
 Phenyl-(β -methylbutyl) carbinol (DAVIES, DIXON, and JONES), 472.
 γ -*o*-Tolyl- α - and - β -ethylpropyl alcohols (HARVEY, HEILBRON, and WILKINSON), 427.
C₁₂H₁₈O₂ *trans*-Decahydronaphthylidene-2-acetic acid (RAO), 1183.
 2:2'-Diketodicyclohexyl (PLANT), 1597.
 Methylcyclohexanespirocyclohexan-3:5-diones (KON and THAKUR), 2228.
trans-Octahydronaphthalene-2-acetic acid (RAO), 1181.
C₁₂H₁₈O₄ Ethyl Δ^1 -cyclopentenylmalonate (HUGH and KON), 778.
C₁₂H₂₀O₃ 2-Hydroxy-*trans*-decalin-2-acetic acid (RAO), 1183.
 Methyl 5-acetyl-1:1:2-trimethylcyclopentane-2-carboxylate (QUDRAT-I-KHUDA), 210.
C₁₂H₂₀O₉ Cellobial (HAWORTH, HIRST, STREIGHT, THOMAS, and WEBB), 2638.
 Lactal, preparation of (HAWORTH, HIRST, PLANT, and REYNOLDS), 2647.
C₁₂H₂₂O₂ *l*-Menthyl acetate, influence of substituents on rotatory power of (RULE, THOMPSON, and ROBERTSON), 1887.
C₁₂H₂₂O₇ Acetyl trimethyl methylmannoside (BOTT, HAWORTH, and HIRST), 1402.
C₁₂H₂₂O₁₁ 4-Galactosido- α -mannose (HAWORTH, HIRST, PLANT, and REYNOLDS), 2652.
C₁₂H₂₇As Triisobutylarsine (DYKE and JONES), 2429.
C₁₂H₂₇Sb Tributylstibines (DYKE, DAVIES, and JONES), 466.

12 III

- C₁₂H₇OCl** 2-Chlorodiphenylene oxide (CULLINANE), 2268.
C₁₂H₈O₆N₄ 3:5:4'-Trinitro-4-aminodiphenyl (BELL), 1074.
C₁₂H₈S₂As₂ Substance, from 2-sulphinophenylarsinic acid by reduction (BARBER), 2729.
C₁₂H₁₀N₂S 1-Imino-2-methyl-1:2-dihydro- α -naphthathiazole (HUNTER and JONES), 946.
C₁₂H₁₁O₄N Nitrophenyldihydroresorcinols (HINKEL and DIPPY), 1388.

- $C_{12}H_{11}O_5N_5$ *iso*Propylidenedinitrohydrazinodeoxystrychol (MENON, PERKIN, and ROBINSON), 842.
- $C_{12}H_{11}O_6Cl$ 4:5-Diacetoxy-3-methoxybenzoyl chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 814.
- $C_{12}H_{11}O_7N_5$ *O*-Ethylidinitrostrychol carbohydrazide (MENON, PERKIN, and ROBINSON), 837.
- $C_{12}H_{12}O_2N_2$ 6-Acetamido-2-hydroxy-4-methylquinoline (BALABAN), 2350.
 α -Methylimino- β -anisoylpropionitrile (ROBINSON and SCHWARZENBACH), 827.
 1-Phenylacetyl-3-methyl-5-pyrazolone (AGGARWAL and RAY), 493.
- $C_{12}H_{12}N_2S$ β -Naphthylmethylthiocarbamides (HUNTER and JONES), 946.
- $C_{12}H_{13}O_2N$ 4-Hydroxy-6-methoxy-2:3-dimethylquinoline (KERMACK and SMITH), 2005.
- $C_{12}H_{14}O_5N_4$ 5-Nitro-1:2:4-triacetamidobenzene (PHILLIPS), 1413.
- $C_{12}H_{15}ON$ Pyrotorebyl anilide (ECCOTT and LINSTEAD), 918.
- $C_{12}H_{15}O_2N$ Tetrahydropyran-4-carboxyanilide (GIBSON and JOHNSON), 2528.
- $C_{12}H_{15}O_2N_3$ Anhydrodehydroangustione semicarbazone (GIBSON, PENFOLD, and SIMONSEN), 1199.
- $C_{12}H_{15}O_2N_3$ Methyl methylacetophenone-2-carboxylate semicarbazones (HEILBRON and WILKINSON), 2553.
- $C_{12}H_{17}ON$ α -Dimethylamino- α -benzylacetone, and its picrate (STEVENS, SNEDDEN, STILLER, and THOMSON), 2121.
 γ -(2:4-Dimethylphenyl)butyramide (HEILBRON and WILKINSON), 2539.
- $C_{12}H_{17}O_2N$ α -*p*-Methoxyphenyl-*n*-propyl methyl ketoxime (GOODALL and HAWORTH), 2485.
- $C_{12}H_{17}O_2N_3$ Anhydroangustione semicarbazone (GIBSON, PENFOLD, and SIMONSEN), 1192.
 p -Methoxybenzylacetone semicarbazone (GOODALL and HAWORTH), 2485.
- $C_{12}H_{17}O_3N_3$ α -Nitrohexan- β -ol phenylhydrazone (JONES and KENNER), 927.
- $C_{12}H_{18}O_6N$ 2:3:4:6-Tetramethoxyacetophenone oxime (KURODA), 767.
- $C_{12}H_{18}O_2Br_2$ Dibromodecahydronaphthylidene-2-acetic acid (RAO), 1183.
- $C_{12}H_{19}O_4Br$ Methyl bromocamphorate (QUDRAT-I-KHUDA), 210.
- $C_{12}H_{21}ON$ Acetyl piperitylamines (READ and STOREY), 2776.
- $C_{12}H_{21}ON_3$ Homoepicamphor semicarbazone (QUDRAT-I-KHUDA), 213.
- $C_{12}H_{21}O_3N_3$ 5-Acetyl-1:1:2-trimethylcyclopentane-2-carboxylic acid semicarbazone (QUDRAT-I-KHUDA), 211.
- $C_{12}H_{22}O_5S$ *l*-Menthyl sulphoacetate, sodium salt (RULE, THOMPSON, and ROBERTSON), 1893.
- $C_{12}H_{22}Cl_2Si$ Dicyclohexylsilicon dichloride (PALMER and KIPPING), 1025.
- $C_{12}H_{27}OSb$ Tri-*n*-butylstibinic oxide (DYKE and JONES), 1925.
- $C_{12}H_{27}O_4P$ Tri-*n*-butyl orthophosphate (EVANS, DAVIES, and JONES), 1310.
- $C_{12}H_{27}Cl_2Sb$ Tri-*n*-butylstibinic chloride (DYKE and JONES), 1925.
- $C_{12}H_{27}Br_2Sb$ Tri-*n*-butylstibinic bromide (DYKE and JONES), 1925.
- $C_{12}H_{27}I_2Sb$ Tri-*n*-butylstibinic iodide (DYKE and JONES), 1926.

12 IV

- $C_{12}H_4O_7N_3Cl_3$ 2:4:6-Trichloro-3:2':4'-trinitrodiphenyl ether (FOX and TURNER), 1860.
- $C_{12}H_4O_7N_3Br_3$ 2:4:6-Tribromo-3:2':4'-trinitrodiphenyl ether (FOX and TURNER), 1861.
- $C_{12}H_5O_3NBr_4$ 2:4:4':5'-Tetrabromo-2'-nitrodiphenyl ether (McCOMBIE, MACMILLAN, and SCARBOROUGH), 1205.
- $C_{12}H_5O_7N_2Cl_2$ 2:4:6-Trichloro-2':4'-dinitrodiphenyl ether (FOX and TURNER), 1860.

- $C_{12}H_5O_2N_3Br_2$ 2:4-Dibromo-5:2':4'-trinitrodiphenyl ether (HENLEY and TURNER), 934.
- $C_{13}H_6O_2NCl_3$ Trichloro-3'-nitrodiphenyl (HINKEL and DIPPY), 1390.
- $C_{12}H_6O_3NBr_3$ 2:4:4'-Tribromo-2'-nitrodiphenyl ether (McCOMBIE, MACMILLAN, and SCARBOROUGH), 1205.
- $C_{12}H_6O_7N_3Cl$ 2-Chloro-4:2':4'-trinitrodiphenyl ether (FOX and TURNER), 1121.
- $C_{12}H_6O_7N_3Br$ 2-Bromo-4:2':4'-trinitrodiphenyl ether (FOX and TURNER), 1122.
- $C_{12}H_7O_2NCl_2$ 3:5-Dichloro-3'-nitrodiphenyl (HINKEL and DIPPY), 1389.
- $C_{12}H_7O_3NBr_2$ Dibromonitrodiphenyl ethers (McCOMBIE, MACMILLAN, and SCARBOROUGH), 1205.
- $C_{12}H_7O_5N_2Cl$ 2-Chlorodinitrodiphenyl ethers (FOX and TURNER), 1121.
- $C_{12}H_7O_5N_2Br$ Bromodinitrodiphenyl ethers (FOX and TURNER), 1122.
- $C_{12}H_8ONBr_3$ Tribromoaminodiphenyl ethers (McCOMBIE, MACMILLAN, and SCARBOROUGH), 1207.
- $C_{12}H_8ON_2Cl_8$ $\alpha\alpha\beta\beta\omega$ -Pentachlorobutaldehyde *N*-acetyl-2:4:6-trichlorophenylhydrazone (CHATTAWAY and IRVING), 91.
- $C_{12}H_8OCIBr$ 2-Chloro-2'-bromodiphenyl ether (FOX and TURNER), 1857.
- $C_{12}H_8O_3NBr$ Bromonitrodiphenyl ethers (FOX and TURNER), 1121; (McCOMBIE, MACMILLAN, and SCARBOROUGH), 1204.
- $C_{12}H_9O_2N_2Se$ *pp'*-Dinitrodiphenyl selenide (BAKER and MOFFITT), 1726.
- $C_{12}H_9ONBr_2$ Dibromoaminodiphenyl ethers (McCOMBIE, MACMILLAN, and SCARBOROUGH), 1207.
- $C_{12}H_9ONS$ 1-Keto-2-methyl-1:2-dihydro- α -naphthathiazole (HUNTER and JONES), 948.
- $C_{12}H_9ONS$ 1-Nitrosoimino-2-methyl-1:2-dihydro- α -naphthathiazole (HUNTER and JONES), 948.
- $C_{12}H_9O_2NCl_2$ 3:5-Dichloro-1-nitrophenyl- $\Delta^{2,4}$ cyclohexadienes (HINKEL and DIPPY), 1389.
- $C_{12}H_9O_6N_3S$ *m*-Nitrobenzenesulphon-*m'*-nitroanilide (BELL), 1077.
- $C_{12}H_9NCIAs$ 10-Chloro-5:10-dihydrophenarsazine (GIBSON and JOHNSON), 1124; (GIBSON, HISCOCKS, JOHNSON, and JONES), 1622.
- $C_{12}H_{10}ONCl$ 5-Chloro-2-aminodiphenyl ether (CULLINANE), 2268.
- $C_{12}H_{10}ONCl_6$ $\alpha\alpha\beta\beta$ -Tetrachlorobutaldehyde *N*-acetyl-2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 92.
- $C_{12}H_{10}ONBr$ Bromoaminodiphenyl ethers (McCOMBIE, MACMILLAN, and SCARBOROUGH), 1206.
- $C_{12}H_{10}ON_2Cl_4$ $\alpha\beta$ -Dichlorocrotonaldehyde *N*-acetyl-2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 91.
- $C_{12}H_{10}O_2N_2S$ Nitroaminodiphenyl sulphides (HODGSON and ROSENBERG), 180.
- $C_{12}H_{12}ONCl$ 4-Chloro-6-methoxy-2:3-dimethylquinoline (KERMACK and SMITH), 2006.
- $C_{12}H_{12}O_6S_2As_2$ Diphenyl disulphide diarsinic acids (BARBER), 2727.
- $C_{12}H_{11}O_3N_2As$ Benzoylglycine-*n*-propylamide-*p*-arsenious oxide (GOUGH and KING), 684.
- $C_{12}H_{11}O_6NS$ 5-Anisylisooxazole methosulphate (ROBINSON and SCHWARZENBACH), 827.
- $C_{12}H_{11}O_2NAS$ Benzisoamylamide-*p*-arsenious oxide (GOUGH and KING), 683.
- $C_{12}H_{11}O_4NAS$ Benzopiperidide-*p*-arsinic acid (GOUGH and KING), 683.
- $C_{12}H_{13}ONCl$ Acetylbenzyltrimethylammonium chloride (STEVENS, SNEDDEN, SILLER, and THOMSON), 2120.
- $C_{12}H_{13}O_4NAS$ Benzisoamylamide-*m*- and -*p*-arsinic acids (GOUGH and KING), 683, 686.
- $C_{12}H_{20}N_2Cl_5I_2$ *N,N*-Dimethylnicotine bistetrachloroiodide (CHATTAWAY and PARKES), 1005.

- $C_{12}H_{23}ONCl$ Chloroacetyl-*d*-neomenthylamine (READ and STOREY), 2765.
 $C_{12}H_{22}ONBr$ Bromoacetyl-*l*-menthylamine (READ and STOREY), 2765.
 $C_{12}H_{22}O_3SBa$ Barium cyclohexyl sulphate (BURKHARDT), 2398.
 $C_{12}H_{30}I_4S_2Hg$ Triethylsulphonium mercuritetraiodide (BALFE, KENYON, and PHILLIPS), 2562.

12 V

- $C_{12}H_4O_7N_3ClBr_2$ 4-Chloro-2:6-dibromo-3:2':4':4'-trinitrodiphenyl ether (FOX and TURNER), 1861.
 $C_{12}H_5O_5N_2ClBr_2$ 4-Chloro-2:6-dibromo-2':4'-dinitrodiphenyl ether (FOX and TURNER), 1861.
 $C_{12}H_5O_5N_2Cl_2Br$ 2:4-Dichloro-6-bromo-2':4'-dinitrodiphenyl ether (FOX and TURNER), 1862.
 $C_{12}H_5O_5N_3ClBr$ 2-Chloro-4-bromo-5':2':4'-trinitrodiphenyl ether (FOX and TURNER), 1859.
 $C_{12}H_6O_5N_2ClBr$ Chlorobromodinitrodiphenyl ethers (FOX and TURNER), 1120, 1838.
 $C_{12}H_7O_5N_2F_3B_2$ 2-Nitro-4:4'-diphenylbisdiazonium borofluoride (LE FEVRE and TURNER), 1161.
 $C_{12}H_{10}ON_2Cl_2Br_2$ $\alpha\beta$ -Dichlorocrotonaldehyde *N*-acetyl-2:4-dibromophenylhydraz-one (CHATTAWAY and IRVING), 93.
 $C_{12}H_{10}ON_2Cl_3Br$ $\alpha\beta$ -Dichlorocrotonaldehyde *N*-acetyl-2-chloro-4-bromophenyl-hydrazone (CHATTAWAY and IRVING), 94.
 $C_{12}H_{10}O_3NSAs$ 2-Sulphonanilidophenylarsenious oxide (BARBER), 2052.
 $C_{12}H_{12}O_5NSAs$ 2-Sulphonanilidophenylarsinic acid (BARBER), 2052.
 $C_{12}H_{14}ONCl_2AS$ Benzopiperidide-*p*-dichloroarsine (GOUGH and KING), 683.

12 VI

- $C_{12}H_{10}O_2NI_2SAs$ 2-Sulphonanilidophenyldi-iodoarsine (BARBER), 2052.

 C_{13} Group.

- $C_{13}H_{14}$ 1-Methylethynaphthalenes (HARVEY, HEILBRON, and WILKINSON), 428.
 1:3:5-Trimethylnaphthalenes (HEILBRON and WILKINSON), 2540.
 Substance, from squalene (HEILBRON and WILKINSON), 2546.
 $C_{13}H_{18}$ β -Phenyl- δ -methyl- $\Delta\beta$ -hexylene (DAVIES, DIXON, and JONES), 473.

13 II

- $C_{13}H_{10}O$ Benzophenone, reduction of, by Grignard reagents (DAVIES, DIXON, and JONES), 1916.
 $C_{13}H_{10}O_3$ *O*-Benzoylquinol (ROBERTSON and WATERS), 2732.
 $C_{13}H_{12}O_2$ 1:2:5-Trimethyl- β -naphthaquinone (HEILBRON and WILKINSON), 2551.
 $C_{13}H_{12}N_2$ Diphenylformamidine (HINKEL and DUNN), 1838.
 $C_{13}H_{13}N_3$ Diazoamino-*p*-toluene, pyrolysis of (MORGAN and WALLS), 1502.
 $C_{13}H_{14}O_2$ 1-Phenyl-4-methylcyclohexane-3:5-dione (MATTAR, HASTINGS, and WALKER), 2456.
 $C_{13}H_{14}O_4$ Acetoxycannabinolactone (CAHN), 989.
 $C_{13}H_{14}O_5$ Ethyl anisoylpyruvate (ROBINSON and SCHWARZENBACH), 825.
 $C_{13}H_{14}O_7$ 2:4-Dimethylcarbonato-3:6-dimethylbenzaldehyde (ROBERTSON and STEPHENSON), 316.
 $C_{13}H_{15}N$ β -Phenyl- α -ethyl- $\Delta\alpha$ -pentenenitrile (HUGH and KON), 781.
 γ -Phenyl- δ -methyl- α -ethyl- $\Delta\alpha$ -butenenitrile (HUGH and KON), 781.
 $C_{13}H_{16}O$ 5-Keto-1-methyl-6- and -7-ethyl-5:6:7:8-tetrahydronaphthalenes (HARVEY, HEILBRON, and WILKINSON), 427.
 5-Keto-1:3:8-trimethyl-5:6:7:8-tetrahydronaphthalene (HEILBRON and WILKINSON), 2541.

- $C_{13}H_{16}O_2$ Ethyl 2:4-dimethylcinnamate (HEILBRON and WILKINSON), 2538.
 $C_{13}H_{16}O_5$ Dimethoxyethoxycinnamic acids (HEAD and ROBERTSON), 2439, 2444.
 $C_{13}H_{18}O$ α -*p*-Methoxyphenyl- $\Delta\alpha$ -hexylene (DAVIES, DIXON, and JONES), 470.
 Phenyl *isohexyl* ketone (LAPWORTH and MANSKE), 1976.
 $C_{13}H_{18}O_2$ γ -(2:4-Dimethylphenyl) valeric acid (HEILBRON and WILKINSON), 2541.
 η -Heptylphenols (COULTHARD, MARSHALL, and PYMAN), 284.
 Hexoylcresols (COULTHARD, MARSHALL, and PYMAN), 287.
 γ -*o*-Tolyl- α - and β -ethylbutyric acids (HARVEY, HEILBRON, and WILKINSON), 427, 430.
 $C_{13}H_{20}O$ Phenylmethyl- η -amylcarbinol (DAVIES, DIXON, and JONES), 471.
 Phenylmethyl-(β -methylbutyl)carbinol (DAVIES, DIXON, and JONES), 473.
 $C_{13}H_{20}O_9$ 3:4:6-Triacetyl β -methylglucoside (HICKINBOTTOM), 1342.
 $C_{13}H_{24}O_3$ 10-Ketotridecoic acid (ROBINSON), 750.
 $C_{13}H_{24}O_4$ Ethyl hydrogen *isopropyl*- $\alpha\gamma$ -dimethyl*isopropyl*malonate (MARSHALL), 2761.
 $C_{13}H_{24}O_{11}$ 4-Galactosido- α -methylmannoside (HAWORTH, HIRST, PLANT, and KEYNOLDS), 2648.
 4-Glucosido- α -methylmannoside (HAWORTH, HIRST, STREIGHT, THOMAS, and WEBB), 2639.

13 III

- $C_{13}H_8O_6N_2$ 2:4-Dinitrodiphenyl-6-carboxylic acid (LESSLIE and TURNER), 1761.
 $C_{13}H_8O_4N_4$ 2:4:2':3'-Tetranitro-4'-methyldiphenyl ether (FOX and TURNER), 1865.
 $C_{13}H_9O_5N_3$ 1:3-Dinitro-9-methylphenoxazine (BRADY and WALLER), 1221.
 $C_{13}H_9O_5N_3$ 2:4:2'-Trinitro-4'-methyldiphenyl ether (FOX and TURNER), 1865.
 $C_{13}H_9N_2S$ 1-Anilinobenzthiazole, picrate of (HUNTER and JONES), 2204.
 $C_{13}H_{10}OBr_2$ Dibromo-4-methoxydiphenyls (BELL), 1075.
 $C_{13}H_{10}O_2N_2$ Benzylidene-*m*-nitroaniline, and its salts (BAKER and INGOLD), 436.
 $C_{13}H_{10}O_3N_2$ Nitromethylphenoxazines (BRADY and WALLER), 1221.
 $C_{13}H_{10}O_5N_2$ 2:4-Dinitro-4'-methyldiphenyl ether (FOX and TURNER), 1865.
 $C_{13}H_{10}O_7N_4$ 2:4:6-Trinitro-2'-hydroxy-6'-methyldiphenylamine (BRADY and WALLER), 1220.
 $C_{13}H_{10}NCl$ Chlorostilbazole (BLOOD and SHAW), 507.
 $C_{13}H_{10}NBr$ Bromostilbazole (BLOOD and SHAW), 505.
 $C_{13}H_{11}OBr$ Bromo-4-methoxydiphenyls (BELL), 1075.
 $C_{13}H_{11}O_5N_3$ Dinitromethyl-2'-hydroxydiphenylamines (BRADY and WALLER), 1219.
 $C_{13}H_{11}NCl_2$ 2-Stilbazole dichloride (BLOOD and SHAW), 505.
 $C_{13}H_{11}NCl_4$ 2-Stilbazole tetrachloride (BLOOD and SHAW), 505.
 $C_{13}H_{12}ON_2$ 2-Nitrosomethylaminodiphenyl (BELL), 1077.
 $C_{13}H_{12}O_3S$ 2-Naphthol 1-ethylthiolcarbonate (STEVENSON and SMILES), 1743.
 $C_{13}H_{12}O_6N_2$ ω -Diazo-4:5-diacetoxy-3-methoxyacetophenone (BRADLEY, ROBINSON, and SCHWARZENBACH), 814.
 $C_{13}H_{12}NBr$ 2-Stilbazole hydrobromide (BLOOD and SHAW), 507.
 $C_{13}H_{14}O_2N_2$ Acetamidohydroxydimethylquinolines (BALABAN), 2351.
 $C_{13}H_{17}ON$ 1-Acetyl-2:4-dimethyl-1:2:3:4-tetrahydroquinolines (PLANT and ROSSER), 2453.
 Methylhexenoanilides (LINSTED and MANN), 2072.
 $C_{13}H_{17}ON_3$ 5-Keto-1:3-dimethyl-5:6:7:8-tetrahydronaphthalene (HEILBRON and WILKINSON), 2539.

- $C_{13}H_{17}ON_3$ 2-Methylstyryl ethyl ketone semicarbazone (HARVEY, HEILBRON, and WILKINSON), 429.
- $C_{13}H_{17}O_3N$ Tetra-acetyl arabonitrile (DEULOFEU), 2603.
- $C_{13}H_{19}ON$ γ -(2:4-Dimethylphenylvaleramide (HEILBRON and WILKINSON), 2541.
- $C_{13}H_{19}ON_3$ Phenyl β -methylbutyl ketone semicarbazone (DAVIES, DIXON, and JONES), 472.
- β -o-Tolyldiethyl ketone semicarbazone (HARVEY, HEILBRON, and WILKINSON), 430.
- $C_{13}H_{19}OBr_3$ 3:5:4'-Tribromo-4-methoxydiphenyl (BELL), 1075.
- $C_{13}H_{19}O_2N_3$ α -*p*-Methoxybenzylethyl methyl ketone semicarbazone (GOODALL and HAWORTH), 2486.
- α -*p*-Methoxyphenyl-*n*-propyl methyl ketone semicarbazone (GOODALL and HAWORTH), 2485.
- $C_{13}H_{21}OP$ *p*-Methoxyphenyl di-*n*-propylphosphine (JACKSON, DAVIES, and JONES), 2300.
- $C_{13}H_{21}O_3N$ Carboethoxymethylbenzyl dimethylamine, picrate of (STEVENS, SNEDDEN, STILLER, and THOMSON), 2121.
- $C_{13}H_{22}IAS$ γ -Phenyl- α -methylpropyldimethylarsine methiodide (BREWIN and TURNER), 503.
- $C_{13}H_{23}O_3N_3$ Methyl 5-acetyl-1:1:2-trimethylcyclopentane-2-carboxylate semicarbazone (QUDRAT-I-KHUDA), 211.
- $C_{13}H_{25}ON$ Propionyl-*d*-neoisomenthylamine (READ and STOREY), 2765.
- $C_{13}H_{26}NI$ *dl*-Piperityltrimethylammonium iodide (READ and STOREY), 2778.
- $C_{13}H_{30}ISb$ Methyltri-*n*-butylstibonium iodide (DYKE and JONES), 1926.
- $C_{13}H_{31}OSb$ Methyltri-*n*-butylstibonium hydroxide, and its salts (DYKE and JONES), 1926.

13 IV

- $C_{13}H_8ONBr$ Bromo-1-phenylbenzoxazole (HUNTER), 139.
- $C_{13}H_8O_3NBr$ 3-Bromobenzoquinone-4-oxime benzoate (HODGSON and KERSHAW), 968.
- $C_{13}H_8O_3NI$ 3-Iodobenzoquinone-4-oxime benzoate (HODGSON and KERSHAW), 1970.
- $C_{13}H_8O_3Br_4S$ 2:4:5-Tribromophenyl *o*-bromo-*p*-toluenesulphonate (HENLEY and TURNER), 933.
- $C_{13}H_8O_7N_3Br$ 4-Bromo-2:2':3'-trinitro-4'-methyl diphenyl ether (FOX and TURNER), 1864.
- $C_{13}H_9ONBr_4$ Bromo-1-phenylloxazole hydrotribromide (HUNTER), 139.
- $C_{13}H_9ONBr_6$ 1-Phenylbenzoxazole hexabromide (HUNTER), 138.
- $C_{13}H_9O_4N_3S$ *m*-Nitrobenzylidene-*o*-nitrophenylsulfamine (BRADY and PEAKIN), 229.
- $C_{13}H_9O_5N_2Cl$ 4-Chloro-2:2'-dinitro-4'-methyl diphenyl ether (FOX and TURNER), 1123.
- $C_{13}H_9NBr_4S$ 1-Phenylbenzthiazole tetrabromide (HUNTER), 138.
- $C_{13}H_9NBr_6Se$ 1-Phenylbenzelenazole tetrabromide (HUNTER), 139.
- $C_{13}H_9NBr_6S$ 1-Phenylbenzthiazole hexabromide (HUNTER), 138.
- $C_{13}H_{10}ON_2S$ 1-Acetamido- α -naphthathiazole (HUNTER and JONES), 943.
- $C_{13}H_{10}O_3NCl$ 4-Chloro-2- and -2'-nitro-4'-methyl diphenyl ethers (FOX and TURNER), 1122.
- $C_{13}H_{10}O_3NBr$ 4-Bromonitro-4'-methyl diphenyl ethers (FOX and TURNER), 1864.
- $C_{13}H_{10}O_3Br_2S$ 2:4-Dibromophenyl *p*-toluenesulphonate (HENLEY and TURNER), 932.
- $C_{13}H_{10}N_2ClBr$ *s-p*-Chloro-*p'*-bromodiphenylthiocarbamide (HUNTER and JONES), 2209.
- $C_{13}H_{11}ONS$ 1-Ethoxy- α -naphthathiazole (HUNTER and JONES), 944.

- $C_{13}H_{11}O_2N_3S$ 4'-Nitro-1-anilinobenzthiazole (HUNTER and JONES), 2206.
p-Nitro-*s*-diphenylthiocarbamide (HUNTER and JONES), 2206.
- $C_{13}H_{11}O_3N_2Cl$ 2-Chloro-6-nitro-2'-hydroxy-3-methyldiphenylamine (BRADY and WALLER), 1220.
- $C_{13}H_{11}O_5NS$ *m*-Nitrophenyl *p*-toluenesulphonate (HENLEY and TURNER), 935 ; (BELL), 1984.
- $C_{13}H_{11}O_6NS$ 2-Nitro-4'-methyldiphenyl ether 4-sulphonic acid (FOX and TURNER), 1123.
- $C_{13}H_{11}O_6N_2S$ *m*-Nitrobenzenesulphon-*p'*-nitro-*o'*-toluidide (BELL), 1077.
- $C_{13}H_{11}N_2Br_3S$ 1-Anilinobenzthiazole hydrotribromide (HUNTER), 134.
- $C_{13}H_{13}O_3NS$ 3-Aminophenyl *p*-toluenesulphonate (BELL), 1984.
- $C_{13}H_{13}O_6NS$ 2'-Nitro-4'-methyldiphenyl ether (FOX and TURNER), 1865.
- $C_{13}H_{15}N_2Br_4S$ 1-*p*-Toluidino-5-methylbenzthiazole hydrotetrabromide (HUNTER), 134.
- $C_{13}H_{17}N_2IS_2$ Thiocarbocyanine from 2:4-dimethylthiazole methiodide (FISHER and HAMER), 2509.
- $C_{13}H_{20}O_2NCl$ Carboethoxymethylbenzylidimethylammonium chloride (STEVENS, SNEDDEN, STILLER, and THOMSON), 2121.
- $C_{13}H_{20}O_5NAS$ β -Diethylaminoethylbenzoate-*p*-arsinic acid (GOUGH and KING), 684.
- $C_{13}H_{21}OBr_2P$ *p*-Methoxyphenyl di-*n*-propylphosphine dibromide (JACKSON, DAVIES, and JONES), 2300.

13 V

- $C_{13}H_8O_3N_3BrS$ 5-Bromo-4'-nitro-1-anilinobenzthiazole (HUNTER and JONES), 2210.
- $C_{13}H_8O_6NBr_3S$ 2:4:6-Tribromo-3-nitrophenyl *p*-toluenesulphonate (HENLEY and TURNER), 936.
- $C_{13}H_8O_7N_2Br_2S$ 2:4-Dibromo-5-nitrophenyl *o*-nitro-*p*-toluenesulphonate (HENLEY and TURNER), 932.
- $C_{13}H_8N_2ClBrS$ 4'-Chloro-5-bromo-1-anilinobenzthiazole (HUNTER and JONES), 2210.
- $C_{13}H_9ON_2BrS$ 3-Bromo-1-acetylamino- $\beta\beta$ -naphthathiazole (HUNTER and JONES), 949.
- $C_{13}H_9O_3ClBr_2S$ 4-Chloro-2:6-dibromophenyl *p*-toluenesulphonate (FOX and TURNER), 1861.
- $C_{13}H_9O_3Cl_2BrS$ 2:4-Dichloro-6-bromophenyl *p*-toluenesulphonate (FOX and TURNER), 1863.
- $C_{13}H_{10}O_2N_3BrS$ *s-p*-Bromo-*p'*-nitrodiphenylthiocarbamide (HUNTER and JONES), 2210.
- $C_{13}H_{10}O_3NBr_3S$ 2:4:6-Tribromo-3-aminophenyl *p*-toluenesulphonate (HENLEY and TURNER), 936.
- $C_{13}H_{10}O_3ClBrS$ 2-Chloro-4-bromophenyl *p*-toluenesulphonate (FOX and TURNER), 1858.
- $C_{13}H_{10}O_5NBrS$ Bromonitrophenyl *p*-toluenesulphonates (HENLEY and TURNER), 937.
- $C_{13}H_{11}O_4NBrAs$ 2'-Bromo-2-nitro-4- and -6-methyldiphenylarsinic acids (GIBSON and JOHNSON), 1126.
- $C_{13}H_{13}O_3NCIS$ Chloro-2-aminophenyl *p*-toluenesulphonate (BELL), 1983.
- $C_{13}H_{13}O_3NBrS$ Bromoaminophenyl *p*-toluenesulphonates (HENLEY and TURNER), 937.
- $C_{13}H_{12}O_3N_2Br_2S$ 2:4-Dibromo-5-aminophenyl *o*-amino-*p*-toluenesulphonate (HENLEY and TURNER), 933.
- $C_{13}H_{13}O_2NBrAs$ 2'-Bromo-2-amino 4-methyldiphenylarsinic acid (GIBSON and JOHNSON), 1127.

13 VI

- $C_{13}H_7O_7N_2Cl_2BrS$ 2:4-Dichloro-6-bromonitrophenyl *o*-nitro-*p*-toluenesulphonates (FOX and TURNER), 1863.
 $C_{13}H_8O_7N_2ClBrS$ 2-Chloro-4-bromo-5-nitrophenyl *o*-nitro-*p*-toluenesulphonate (FOX and TURNER), 1858.

C₁₄ Group.

- $C_{14}H_{26}$ 1:4(α)-Dimethyl-7-ethyldecahydronaphthalene (CLEMO and HAWORTH), 2581.

14 II

- $C_{14}H_{10}O_2$ 4-Hydroxy-9-anthranol (CROSS and PERKIN), 306.
 $C_{14}H_{10}O_3$ 4:5-Dihydroxy-9-anthranol (CROSS and PERKIN), 306.
 $C_{14}H_{12}O$ Diphenylethylene oxides (READ and CAMPBELL), 2377.
 $C_{14}H_{13}N$ 2:3-Dimethylcarbazole (MORGAN and WALLS), 1508.
 $C_{14}H_{15}N$ Aminodimethyldiphenyls (MORGAN and WALLS), 1507.
 $C_{14}H_{15}N_3$ Aminoazotoluene, and its hydrochloride (MORGAN and WALLS), 1506.
 $C_{14}H_{16}O_2$ 1-Phenyl-4-ethylcyclohexane-3:5-dione (MATTAR, HASTINGS, and WALKER), 2456.
 $C_{14}H_{17}N_3$ 4-Piperazino-2-methylquinoline (KERMACK and SMITH), 1358.
 $C_{14}H_{18}O_2$ Ethyl β -(2:4-dimethylphenyl)crotonate (HEILBRON and WILKINSON), 2540.
 Ethyl β -hydroxy- β -(2:4-dimethylphenyl)butyrate (HEILBRON and WILKINSON), 2540.
 $C_{14}H_{18}O_4$ Ethyl *p*-methoxybenzylacetoacetate (GOODALL and HAWORTH), 2485.
 Methyl β -4-methoxy-2:5-dimethylbenzoylpropionate (CLEMO, HAWORTH, and WALTON), 1112.
 $C_{14}H_{18}O_5$ Methyl 2:4-dimethoxy-5-ethoxycinnamate (HEAD and ROBERTSON), 2439.
 $C_{14}H_{18}O_8$ 1:2-Dimethyl- Δ^5 -cyclohexene-4:5-dimalonic acid (CAWLEY, EVANS, and FARMER), 528.
 $C_{14}H_{19}N$ Octahydroheptaquinolines (PLANT and ROSSER), 1843.
 $C_{14}H_{20}O_3$ Ethyl β -(2:4-dimethylphenyl)butyrate (HEILBRON and WILKINSON), 2541.
 4-*n*-Heptoyl-*m*-cresol (COULTHARD, MARSHALL, and PYMAN), 288.
 $C_{14}H_{20}O_3$ Ethyl β -hydroxy- β -*o*-tolyl- α -ethylpropionate (HARVEY, HEILBRON, and WILKINSON), 426.
 $C_{14}H_{20}O_4$ Decalin- β -*spiro*cyclopropane-1:2-dicarboxylic acids (RAO), 1176.
 α -Hydroxy-*trans*-decalin-2:2-diacetic lactones (RAO), 1174.
 $C_{14}H_{20}O_5$ α -Keto-*trans*-decalin-2:2-diacetic acid (RAO), 1179.
 $C_{14}H_{23}P$ *p*-Ethylphenyl-di-*n*-propylphosphine (JACKSON, DAVIES, and JONES), 2300.
 $C_{14}H_{24}O_2$ γ - Δ^9 -Decenylbutyrolactone (ROBINSON), 750.
 $C_{14}H_{24}O_3$ Ethyl 2-hydroxy-*trans*-decalin-2-acetate (RAO), 1182.
 4-Keto- Δ^{13} -tetradecenoic acid (ROBINSON), 749.
 $C_{14}H_{26}O_2$ γ -*n*-Decylbutyrolactone (ROBINSON), 758.
 $C_{14}H_{26}O_3$ 4-Ketomyristic acid (ROBINSON), 747.

14 III

- $C_{14}H_6N_4Cl_3$ ω '-Dichloroglyoxal di-2:4:6-trichlorophenylosazone (CHATTAWAY and FARINHOLT), 98.
 $C_{14}H_6N_4Br_3$ ω '-Dibromoglyoxal di-2:4:6-tribromophenylosazone (CHATTAWAY and FARINHOLT), 98.
 $C_{14}H_7O_3Cl$ 2-Chloro-3-hydroxyanthraquinone (HAYASHI), 1523.

- $C_{14}H_8O_2Cl_2$ 2:2'-Dichlorobenzil (HODGSON and ROSENBERG), 16.
 $C_{14}H_8O_4S$ 3-Keto-2-*p*-quino-2:3-dihydrothionaphthen-1:1-dioxide hydroxide, and its salts (COHEN and SMILES), 414.
 $C_{14}H_8N_2S_2$ Dithiobenzonitriles (McCLELLAND and WARREN), 1101.
 $C_{14}H_8N_4Cl_6$ $\omega\omega'$ -Dichloroglyoxal 2:4-dichlorophenylosazone (CHATTAWAY and FARINHOLT), 97.
 Glyoxal di-2:4:6-trichlorophenylosazone (CHATTAWAY and FARINHOLT), 97.
 $C_{14}H_8N_4Br_6$ $\omega\omega'$ -Dibromoglyoxal di-2:4-dibromophenylosazone (CHATTAWAY and FARINHOLT), 98.
 Glyoxal di-2:4:6-tribromophenylosazone (CHATTAWAY and FARINHOLT), 97.
 $C_{14}H_9O_4Cl$ 2-(3'-Chloro-4'-hydroxybenzoyl)benzoic acid (HAYASHI), 1522.
 $C_{14}H_{10}O_2Cl_2$ 2:2'-Dichlorobenzoin (HODGSON and ROSENBERG), 16.
 $C_{14}H_{10}O_3S$ 3-Keto-2-phenyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 410.
 $C_{14}H_{10}O_6N_2$ 2:4-Dinitromethyldiphenyl-6-carboxylic acids (LESSLIE and TURNER), 1762.
 $C_{14}H_{10}O_8N_4$ 2:4:3':5'-Tetranitro-2':4'-dimethyldiphenyl ether (FOX and TURNER), 1866.
 $C_{14}H_{10}N_4Cl_4$ Glyoxal di-2:4-dichlorophenylosazone (CHATTAWAY and FARINHOLT), 96.
 $C_{14}H_{10}N_4Br_4$ Glyoxal di-2:4-dibromophenylosazone (CHATTAWAY and FARINHOLT), 97.
 $C_{14}H_{10}N_4S_2$ Benzimidazole 2-disulphide (EVERETT), 2407.
 $C_{14}H_{11}O_3N$ Benzil monoximes, configurations of (TAYLOR and MARKS), 2302.
 $C_{14}H_{11}O_5N$ 2:4-Dihydroxyphenyl *o*-nitrobenzyl ketone (BAKER), 267.
 $C_{14}H_{11}N_3Br_3$ ω -Bromobenzaldehyde 3:5-dibromo-*p*-tolylhydrazone (CHATTAWAY and ADAMSON), 161.
 $C_{14}H_{11}N_3S$ 1-Phenylimino-2-methyl-1:2-dihydrobenzthiazole, picrate of (HUNTER and JONES), 2204.
 1-Phenylmethylaminobenzthiazole, and its picrate (HUNTER and JONES), 2205.
 $C_{14}H_{12}O_2N_2$ *s*-Dibenzoylhydrazine (AGGARWAL and RAY), 493.
 $C_{14}H_{12}O_3N_2$ 1-Nitro-3:9-dimethylphenoxazine (BRADY and WALLER), 1221.
 $C_{14}H_{12}O_4S$ *o*-Carboxyphenylbenzylsulphone (COHEN and SMILES), 410.
 $C_{14}H_{12}O_5N_2$ 2:4-Dinitro-2':4'-dimethyldiphenyl ether (FOX and TURNER), 1865.
 3-Nitro-1:4-dimethoxyphenoxazine (BRADY and WALLER), 1221.
 $C_{14}H_{12}O_7N_2$ ω -Diazo-3:4:5-triacetoxyacetophenone (BRADLEY, ROBINSON, and SCHWARZENBACH), 797.
 $C_{14}H_{12}O_7N_4$ 3-*O*-Methylgallaldehyde 2:4-dinitrophenylhydrazone (BRADLEY, ROBINSON, and SCHWARZENBACH), 811.
 $C_{14}H_{12}N_2Br_2$ ω -Bromobenzaldehyde *p*-tolylhydrazone (CHATTAWAY and ADAMSON), 160.
 $C_{14}H_{12}N_2S$ 1-Anilinomethylbenzthiazoles, and their picrates (HUNTER and JONES), 2207.
 $C_{14}H_{12}N_4Cl_2$ Glyoxal di-*p*-chlorophenylosazone (CHATTAWAY and FARINHOLT), 96.
 $C_{14}H_{12}N_4Br_2$ Glyoxal di-*p*-bromophenylosazone (CHATTAWAY and FARINHOLT), 97.
 $C_{14}H_{13}O_3N_3$ β -Nitro- α -phenylethyl alcohol phenylhydrazone (JONES and KENNER), 927.
 $C_{14}H_{13}O_5N_3$ Dinitro-2'-hydroxydimethyldiphenylamines (BRADY and WALLER), 1220.
 2:4-Dinitro-2'-methoxy-*N*-methyldiphenylamine (BRADY and WALLER), 1222.
 $C_{14}H_{13}O_7N$ Mannose dicarbonate anilide (HAWORTH and PORTER), 155.
 $C_{14}H_{13}O_7N_3$ 2:4-Dinitro-2'-hydroxy-3:6-dimethoxydiphenylamine (BRADY and WALLER), 1220.

- $C_{14}H_{13}O_2N_3$ Ethyl dinitro-*O*-ethylstrycholcarboxylate (MENON, PERKIN, and ROBINSON), 837.
- $C_{14}H_{14}O_8N_4$ Dinitrostrychylurethane (MENON, PERKIN, and ROBINSON), 838.
- $C_{14}H_{15}O_2N$ Ethyl α -cyano- β -ethylcinnamate (HUGH and KON), 780.
Ethyl α -cyano- γ -phenyl- β -methyl- $\Delta\alpha$ -butenoate (HUGH and KON), 781.
- $C_{14}H_{17}O_4N$ Butylvinylcarbinol *p*-nitrobenzoate (BURTON), 250.
- $C_{14}H_{15}O_4Br$ Methyl β -bromo- β -4-methoxy-2:5-dimethylbenzoylpropionate (CLEMO, HAWORTH, and WALTON), 1112.
- $C_{14}H_{15}ON$ γ -Methyl- $\Delta\alpha$ -hexenoic-*p*-toluide (LINSTEAD and MANN), 2072.
- $C_{14}H_{15}ON_3$ 5-Keto-1:3:3-trimethyl-5:6:7:8-tetrahydro n aphthalene semicarbazone (HEILBRON and WILKINSON), 2541.
- $C_{14}H_{30}NCl$ Octahydroheptaquinoline hydrochloride (PLANT and ROSSER), 1842.
- $C_{14}H_{21}O_4N$ Ethyl α -cyano- β -*isobutenyl*glutarate (FARMER and MEHTA), 1615.
Ethyl α -cyano- $\beta\gamma$ -dimethyl- $\Delta\gamma$ -pentene- $\alpha\epsilon$ -dicarboxylate (FARMER and MEHTA), 1615.
- $C_{14}H_{23}Br_2P$ *p*-Ethylphenyldi-*n*-propylphosphine dibromide (JACKSON, DAVIES, and JONES), 2300.
- $C_{14}H_{25}ON$ Pellitorine (GULLAND and HOPTON), 6.
Tetrahydropellitorine (GULLAND and HOPTON), 11.
- $C_{14}H_{27}ON$ Butyrylmethylamines (READ and STOREY), 2765.
- $C_{14}H_{27}O_2N$ *l*-Menthyl dimethylaminoacetate (RULE, THOMPSON, and ROBERTSON), 1892.

14 IV

- $C_{14}H_6N_4Cl_6Br_2$ $\omega\omega'$ -Dibromoglyoxal di-2:4:6-trichlorophenylosazone (CHATTAWAY and FARINHOLT), 98.
- $C_{14}H_8O_2NBr$ *N-p*-Bromophenylphthalimide (HENLEY and TURNER), 936.
- $C_{14}H_8O_{10}N_2S$ Dinitrobenzoylsulphuric acids (DEVERALL and WEBB), 722.
- $C_{14}H_8N_4Cl_2Br_2$ $\omega\omega'$ -Dibromoglyoxal di-2:4-dichlorophenylosazone (CHATTAWAY and FARINHOLT), 98.
- $C_{14}H_8N_4Br_6Cl_2$ $\omega\omega'$ -Dichloroglyoxal di-2:4:6-tribromophenylosazone (CHATTAWAY and FARINHOLT), 98.
- $C_{14}H_9ON_3Cl_2$ 3-Keto-1:2-*endo*-3':5'-dichloro-*p*-tolylimino-2:3-dihydro-1:2-benzisodiazole (CHATTAWAY and ADAMSON), 850.
- $C_{14}H_9O_2NBr_4$ 2:4:4':5'-Tetrabromo-2'-acetamidodiphenyl ether (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1208.
- $C_{14}H_9O_2NS$ Thionaphthindole dioxide (COHEN and SMILES), 412.
- $C_{14}H_9O_2N_3Cl_4$ ω -Chloronitrobenzaldehyde 3:5-*N*-trichloro-*p*-tolylhydrazones (CHATTAWAY and ADAMSON), 846.
3:5-Dichloro-*p*-tolueneazonitrophenyldichloromethanes (CHATTAWAY and ADAMSON), 847.
- $C_{14}H_9O_2N_3Br_2$ 3-Keto-1:2-*endo*-3':5'-dibromo-*p*-tolylimino-2:3-dihydrobenzisodiazole 1-oxide (CHATTAWAY and ADAMSON), 163.
- $C_{14}H_9O_3BrS$ 2-Bromo-3-keto-2-phenyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 413.
- $C_{14}H_9O_3NS$ 3-Keto-2-*o*-nitrophenyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 412.
- $C_{14}H_{10}ON_3Cl$ 3-Keto-1:2-*endo*-3'-chloro-*p*-tolylimino-2:3-dihydro-1:2-benzisodiazole (CHATTAWAY and ADAMSON), 850.
- $C_{14}H_{10}ON_3Br$ 3-Keto-1:2-*endo*-3'-bromo-*p*-tolylimino-2:3-dihydro-1:2-benzisodiazole (CHATTAWAY and ADAMSON), 162.
- $C_{14}H_{10}OCIBr$ Chlorobromodeoxybenzoïn (TAYLOR and FORSCY), 2276.
- $C_{14}H_{10}O_2NBr_3$ Tribromoacetamidodiphenyl ethers (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1208.

- $C_{14}H_{10}O_2N_3Cl$ 3-Keto-1:2-*endo*-3'-chloro-*p*-tolylimino-2:3-dihydro-1:2-benzisodiazole 1-oxide (CHATTAWAY and ADAMSON), 850.
- $C_{14}H_{10}O_2N_3Cl_3$ ω -Chloronitrobenzaldehyde 3:5-dichloro-*p*-tolylhydrazones (CHATTAWAY and ADAMSON), 846.
- $C_{14}H_{10}O_2N_3Br$ 3-Keto-1:2-*endo*-3'-bromo-*p*-tolylimino-2:3-dihydro-1:2-benzisodiazole 1-oxide (CHATTAWAY and ADAMSON), 162.
- $C_{14}H_{10}O_2N_3Br_3$ ω -Bromonitrobenzaldehyde 3:5-dibromo-*p*-tolylhydrazones (CHATTAWAY and ADAMSON), 160.
- $C_{14}H_{10}O_7N_3Cl$ 4-Chloro-2:3':5'-trinitro-2':4'-dimethyldiphenyl ether (FOX and TURNER), 1867.
- $C_{14}H_{11}ONCl_2$ 3:5-Dichloro-3'-acetamidodiphenyl (HINKEL and DIPPY), 1389.
- $C_{14}H_{11}O_2NBr_2$ Dibromoacetamidodiphenyl ethers (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1207.
- $C_{14}H_{11}O_2N_3Cl_2$ ω -Chloronitrobenzaldehyde 3-chloro-*p*-tolylhydrazones (CHATTAWAY and ADAMSON), 848.
- $C_{14}H_{11}O_2N_3Br_2$ ω -Bromonitrobenzaldehyde *p*-tolylhydrazones (CHATTAWAY and ADAMSON), 160.
- $C_{14}H_{11}O_2N_3S$ 4'-Nitro-1-anilino-5-methylbenzthiazole (HUNTER and JONES), 2208.
- $C_{14}H_{11}O_5N_2Cl$ 4-Chloro-2:5'-dinitro-2':4'-dimethyldiphenyl ether (FOX and TURNER), 1866.
- $C_{14}H_{11}O_2N_3S$ *m*-Nitrobenzenesulphon-*p*'-nitroacetanilide (BELL), 1077.
- $C_{14}H_{11}N_2BrS$ 4'-Bromo-1-anilino-5-methylbenzthiazole, and its picrate (HUNTER and JONES), 2208.
- 4'-Bromo-1-phenylmethylaminobenzthiazole, and its picrate (HUNTER and JONES), 2205.
- $C_{14}H_{12}O_2NBr$ 5-Bromoacetamidodiphenyl ethers (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1206.
- $C_{14}H_{12}O_2N_2S_2$ Dithiobenzamides (MCCLELLAND and WARREN), 1101.
- $C_{14}H_{12}O_2N_4Cl_2$ 3:5-Dichloro-*p*-tolyl-*p*-nitrobenzenylhydrazidine (CHATTAWAY and ADAMSON), 848.
- $C_{14}H_{12}O_2N_4Br_2$ 3:5-Dibromo-*p*-tolylnitrobenzenylhydrazidines (CHATTAWAY and ADAMSON), 162.
- $C_{14}H_{12}O_3NCl$ 4-Chloro-2-nitro-2':4'-dimethyldiphenyl ether (FOX and TURNER), 1866.
- $C_{14}H_{12}O_3NBr$ 4-Bromo-2-nitro-2':4'-dimethyldiphenyl ether (FOX and TURNER), 1867.
- $C_{14}H_{13}O_2N_3S$ *s-p*-Nitrophenyl-*p*-tolylthiocarbamide (HUNTER and JONES), 2208.
- $C_{14}H_{13}O_2N_4Cl$ 3-Chloro-*p*-tolyl-*p*-nitrobenzenylhydrazidine (CHATTAWAY and ADAMSON), 848.
- $C_{14}H_{13}O_2N_4Br$ 3-Bromo-*p*-tolylnitrobenzenylhydrazidines (CHATTAWAY and ADAMSON), 162.
- $C_{14}H_{13}N_2BrS$ *s-p*-Bromophenyl-*p*-tolylthiocarbamide (HUNTER and JONES), 2208.
- S*-Methyl-*s-p*-bromodiphenylthiocarbamide (HUNTER and JONES), 2210.
- s*-Phenylmethyl-*p*-bromophenylthiocarbamide (HUNTER and JONES), 2211.
- $C_{14}H_{14}Cl_2S_2Pd$ Diphenylthioethanepalladous chloride (BENNETT, MOSSES, and STATHAM), 1671.
- $C_{14}H_{16}N_2Cl_2Pd$ Ethylenediphenyldiaminepalladous chloride (BENNETT, MOSSES, and STATHAM), 1675.
- $C_{14}H_{16}N_2Cl_2Pt$ Ethylenediphenyldiamineplatinous chloride (BENNETT, MOSSES, and STATHAM), 1675.
- $C_{14}H_{19}O_2NS$ *p*-Toluenesulphonamido-*n*-propylbenzene (HICKINBOTTOM and WAINE), 1563.
- $C_{14}H_{24}OIP$ *p*-Methoxyphenylmethyldi-*n*-propylphosphonium iodide (JACKSON, DAVIES, and JONES), 2301.

14 V

- $C_{14}H_8O_5NBrS$ 2-Bromo-3-keto-2-*p*-nitrophenyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 413.
 $C_{14}H_9O_2N_3ClBr_3$ ω -Bromo-*m*-nitrobenzaldehyde *N*-chloro-3:5-dibromo-*p* tolylhydrazine (CHATTAWAY and ADAMSON), 849.
 3:5-Dibromo-*p*-tolueneazo-*m*-nitrophenylchlorobromomethane (CHATTAWAY and ADAMSON), 849.
 $C_{14}H_{10}O_6N_4S_2As_2$ 5:5'-Arseno-(benzimidazole-2-sulphonic acid) (EVERETT), 2407.
 $C_{14}H_{12}O_6N_4S_2As_2$ Benzimidazole-5-arsinic acid 2-disulphide (EVERETT), 2405.

 C_{15} Group.

- $C_{15}H_{24}$ Cedrene, action of mercuric acetate on (BELL), 1908.

15 II

- $C_{15}H_{10}O_2$ 2-Methylantraquinone (HAYASHI), 1519.
 $C_{15}H_{10}O_4$ Rubiadin (JONES and ROBERTSON), 1705.
 $C_{15}H_{12}O_3$ Benzoyltoluic acids (HAYASHI), 1518.
 6-Hydroxy-2-benzylcoumaranone (BAKER), 1020.
 2-*o*-Toluoylbenzoic acid (FAIRBOURNE and FOSTER), 1276.
 $C_{15}H_{12}O_5$ 2-(2':5'-Dihydroxybenzoyl)toluic acid (HAYASHI), 1527.
 4:6-Dihydroxy-2-*p*-methoxyphenylcoumaranone (BAKER), 1018.
 $C_{15}H_{12}O_6$ *n*- and *iso*-Carthamidins (KURODA), 760.
 $C_{15}H_{14}O$ Di-*o*-tolyl ketone (COOK), 1091.
 $C_{15}H_{14}O_3$ *O*-Benzylisovanillin (LOVECY, ROBINSON, and SUGASAWA), 818.
 $C_{15}H_{14}O_4$ *O*-Benzylisovanillic acid (LOVECY, ROBINSON, and SUGASAWA), 819.
 $C_{15}H_{14}S$ Dimethylsulphonium 9-fluorenylidide (INGOLD and JESSOP), 716.
 $C_{15}H_{16}N$ 9-Fluorenyldimethylamine (STEVENS), 2115.
 $C_{15}H_{16}Br$ $\alpha\gamma$ -Diphenylpropyl bromide (BREWIN and TURNER), 503.
 $C_{15}H_{16}O_3$ α -7-Hydroxy-1-keto-5:8-dimethyl-1:2:3:4-tetrahydronaphthyl-2-propionic lactone (CLEMO, HAWORTH, and WALTON), 1113.
 $C_{15}H_{16}O_8$ ω :4:5-Triacetoxy-3-methoxyacetophenone (BRADLEY ROBINSON, and SCHWARZENBACH), 814.
 $C_{15}H_{16}O_9$ Æsculin, constitution of (HEAD and ROBERTSON), 2434.
 $C_{15}H_{17}N$ Benzhydryldimethylamine, and its salts (STEVENS), 2114.
 $C_{15}H_{18}O_2$ 1-Phenyl-4-*n*-propylcyclohexane-3:5-dione (MATTAR, HASTINGS, and WALKER), 2457.
 Santonin, constitution of (CLEMO, HAWORTH, and WALTON), 1110; (CLEMO and HAWORTH), 2579.
*desmotropo*Santonins (CLEMO, HAWORTH, and WALTON), 1114.
 $C_{15}H_{18}O_4$ α -7-Hydroxy-1-keto-5:8-dimethyl-1:2:3:4-tetrahydronaphthyl-2-propionic acid (CLEMO, HAWORTH, and WALTON), 1114.
 $C_{15}H_{18}N_2$ 4-Piperidino-2-methylquinoline, and its salts (KERMACK and SMITH), 1357.
 $C_{15}H_{20}O_4$ Ethyl *p*-methoxybenzylmethylacetoacetate (GOODALL and HAWORTH), 2485.
 Ethyl β -4-methoxy-2:5-dimethylbenzoylpropionate (CLEMO HAWORTH, and PERKIN), 1112.
 $C_{15}H_{22}O_3$ Tetrahydrosantonin (CLEMO and HAWORTH), 2580.
 $C_{15}H_{22}O_4$ Ethyl 2-methylcyclohexanespirocyclohexane-3:5-dione-6-carboxylate (KON and THAKUR), 2227.

- $C_{15}H_{22}O_5$ Decalin- β -*spiro*-1-methoxycyclopropane-1:2-dicarboxylic acids (RAO), 1181.
- $C_{15}H_{22}O_{10}$ Tetra-acetyl β -methylglucoside, formation of, from 1:2:3:4-tetra-acetyl β -*D*-glucose (HAWORTH, HIRST, and TEECE), 1405.
Tetra-acetyl α -methylmannofuranoside (HAWORTH, HIRST, and WEBB), 656.
Tetra-acetyl β -methylmannopyranoside (BOTT, HAWORTH, and HIRST), 2655.
- $C_{15}H_{24}O$ Benzyl octyl ether (RULE and BAIN), 1900.
- $C_{15}H_{24}O_2$ Deoxytetrahydrosantonin (CLEMO and HAWORTH), 2581.
- $C_{15}H_{24}O_4$ Methyl hydrogen *trans*-decalin-2:2-diacetate, and its silver salt (RAO), 1173.
- $C_{15}H_{26}O$ Alcohol, from cedrene and mercuric oxide (BELL), 1909.
Clovene alcohol (BELL and HENDERSON), 1973.
- $C_{15}H_{26}O_4$ *l*-Menthyl hydrogen dimethylmalonate (RULE and HARROWER), 2324.
- $C_{15}H_{28}O_3$ *l*-Menthyl α -methoxyisobutyrate (RULE and HARROWER), 2326.
- $C_{15}H_{28}O_4$ Ethyl isopropyl- α - γ -dimethylisopropylmalonate (MARSHALL), 2760.
- $C_{15}H_{33}As$ Triamylarsines (DYKE and JONES), 2429.
- $C_{15}H_{33}Sb$ Triamylstibines (DYKE, DAVIES, and JONES), 467.

15 III

- $C_{15}H_8O_2Cl_2$ 1:3-Dichloro-2-methylanthraquinone (JONES and ROBINSON), 1703.
- $C_{15}H_9O_3Cl$ Chlorohydroxymethylanthraquinones (HAYASHI), 1518, 1527.
- $C_{15}H_{10}O_2N_2$ 2-Nitrophenylquinolines (LE FÈVRE and MATHUR), 2239.
- $C_{15}H_{10}O_3Cl_2$ 2:4-Dichloro-3-methylbenzophenone-2'-carboxylic acid (JONES and ROBERTSON), 1702.
- $C_{15}H_{10}O_4S$ 3-Keto-2-benzoyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 409.
- $C_{15}H_{11}OBr$ Phenyl *m*-bromostyryl ketone (STEVENS), 2112.
- $C_{15}H_{11}O_4Cl$ Chlorohydroxybenzoyltoluic acids (HAYASHI), 1516, 1521, 1526.
2-(3'-Chloro-4'-methoxybenzoyl)benzoic acid (HAYASHI), 1523.
- $C_{15}H_{11}O_7Cl$ Delphinidin chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 800.
- $C_{15}H_{12}O_6N_2$ Ethyl 2:4-dinitrodiphenyl-6-carboxylate (LESSLIE and TURNER), 1760.
- $C_{15}H_{14}O_2N_2$ *N*-Benzoyl-*O*-methylbenzamidoxime (BRADY and MUERS), 225.
Methylbenzildioximes (BRADY and MUERS), 220.
O-Methylphenylglyoxylanilideoximes (BRADY and MUERS), 226.
- $C_{15}H_{14}O_5N_4$ Phenylacetylcarbinol 2:4-dinitrophenylhydrazone (HEY), 1233.
- $C_{15}H_{14}ClBr$ γ -Phenyl- α -*m*-chlorophenylpropyl bromide (BREWIN and TURNER), 503.
- $C_{15}H_{15}ON$ Benzylidene- β -hydroxyphenylethylamine (READ and CAMPBELL), 2683.
- $C_{15}H_{15}OCl$ γ -Phenyl- α -*m*-chlorophenylpropyl alcohol (BREWIN and TURNER), 503.
- $C_{15}H_{15}BrS$ Fluorenyl-9-dimethylsulphonium bromide (INGOLD and JESSOP), 715.
- $C_{15}H_{16}O_2N_2$ *iso*Acetovanillone phenylhydrazone (COULTHARD, MARSHALL, and PYMAN), 290.
- $C_{15}H_{16}O_2S$ *l*-Phenylmethylcarbiny *dl*-*p*-toluenesulphinate (KENYON and PHILLIPS), 1682.
p-Tolyl- α -phenylethylsulphones (KENYON and PHILLIPS), 1682.
- $C_{15}H_{16}O_2Te$ *p*-Anisyl-*p*-phenetyl telluride (MORGAN and BURSTALL), 2601.
- $C_{15}H_{16}NBr$ Benzyl-*p*-bromobenzylmethylaniline (STEVENS, SNEDDEN, STILLER, and THOMSON), 2124.
- $C_{15}H_{16}ON$ α - Δ^1 -*cyclo*Hexenylpropionanilide (KON and THAKUR), 2221.
 α -*cyclo*Hexylidenepropionanilide (KON and THAKUR), 2220.

- $C_{15}H_{19}ON$ Methyl- Δ^1 -cyclohexenylacetanilides (KON and THAKUR), 2222.
Methylcyclohexylideneacetanilides (KON and THAKUR), 2222.
- $C_{15}H_{19}ON_3$ 4-Piperazino-6-methoxy-2-methylquinoline (KERMACK and SMITH), 1359.
- $C_{15}H_{19}O_4Br$ Ethyl β -bromo- β -4-methoxy-2:5-dimethylbenzoylpropionate (CLEMO, HAWORTH, and WALTON), 1112.
- $C_{15}H_{25}OP$ *p* Methoxyphenyl-di-*n*-butylphosphine (JACKSON, DAVIES, and JONES), 2301.
- $C_{15}H_{28}O_2I_2$ Ethylene $\alpha\gamma$ -di-iodohydrin β -laurate (FAIRBOURNE), 379.
- $C_{15}H_{29}ON$ *iso*Valeryl-*l*-menthylamine (READ and STOREY), 2765.
- $C_{15}H_{33}OSb$ Tri-*n*-amylstibinic oxide (DYKE and JONES), 1926.
- $C_{15}H_{33}O_4P$ Tri-*n*-amyl orthophosphate (EVANS, DAVIES, and JONES), 1310.
- $C_{15}H_{33}O_4Sb_3$ Tri-*n*-amylstibinic metantimonite (DYKE and JONES), 1926.
- $C_{15}H_{33}Cl_2Sb$ Tri-*n*-amylstibinic chloride (DYKE and JONES), 1926.
- $C_{15}H_{33}Br_2Sb$ Tri-*n*-amylstibinic bromide (DYKE and JONES), 1926.

15 IV

- $C_{15}H_9O_4BrS$ 2-Bromo-3-keto-2-benzoyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 413.
- $C_{15}H_{13}ON_2Cl$ 6-*p*-Chlorobenzeneazo-5-hydroxyhydrindene (MILLS and NIXON), 2521.
- $C_{15}H_{13}ON_3S$ *s*-5-Methylbenzthiazolylphenylcarbamide (HUNTER and JONES), 2200.
- $C_{15}H_{13}O_3N_3S$ 4'-Nitro-1-acetanilidobenzthiazole (HUNTER and JONES), 2206.
- $C_{15}H_{13}O_3N_3S$ 5:6-Dinitro-*m*-4-xylol *o*-nitro-*p*-toluenesulphonate (FOX and TURNER), 1866.
- $C_{15}H_{14}ON_2S$ 4'-Ethoxy-1-anilinobenzthiazole (HUNTER and JONES), 2206.
- $C_{15}H_{14}O_2N_2S$ *p*-Toluenesulphon-*m'*-nitroacetanilide (BELL), 1077.
- $C_{15}H_{14}O_2N_2S$ 2:6-Dinitro-*m*-4-xylol *p*-toluenesulphonate (FOX and TURNER), 1866.
- $C_{15}H_{14}N_2Br_2S$ *s*-Di-*m*-bromo-*p*-tolylthiocarbamide (HUNTER and JONES), 2200.
- $C_{15}H_{15}O_3NS$ Toluenesulphonamidoacetophenones (ELSON, GIBSON, and JOHNSON), 1131.
- $C_{15}H_{15}O_4NS$ 2-Acetoxy-*p*-toluenesulphonanilide (BELL), 1986.
- $C_{15}H_{15}O_5NS$ 5-Nitro-*m*-4-xylol *p*-toluenesulphonate (FOX and TURNER), 1866.
- $C_{15}H_{15}N_2BrS$ *S*-Methyl-*s*-phenylmethyl-*p*-bromophenylthiocarbamide (HUNTER and JONES), 2211.
- $C_{15}H_{15}N_2Br_3S$ 1-*p*-Toluidino-5-methylbenzthiazole hydrotribromide (HUNTER), 135.
- $C_{15}H_{16}ON_2S$ *p*-Ethoxy-*s*-diphenylthiocarbamide (HUNTER and JONES), 2205.
- $C_{15}H_{16}O_2Cl_2Te$ *p*-Anisyl-*p*-phenetyl telluridichloride (MORGAN and BURSTALL), 2601.
- $C_{15}H_{21}N_2IS_2$ Thiocarbocyanine from 2:4-dimethylthiazole ethiodide (FISHER and HAMER), 2510.
- $C_{15}H_{30}O_2NI$ *l*-Menthyl dimethylaminoacetate methiodide (RULE, THOMPSON, and ROBERTSON), 1892.

15 V

- $C_{15}H_{12}ON_2Br_2S$ 3:4'-Dibromo-1-anilino-5-ethoxybenzthiazole (HUNTER and JONES), 2209.
- $C_{15}H_{13}ON_2BrS$ Bromo-1-anilinoethoxybenzthiazoles (HUNTER and JONES), 2209.
- $C_{15}H_{14}O_4NCIS$ Chloro-2-acetamidophenyl *p*-toluenesulphonate (BELL), 1983.
- $C_{15}H_{15}ON_2BrS$ *s*-*p*-Bromo-*p'*-ethoxydiphenylthiocarbamide (HUNTER and JONES), 2208.

C₁₆ Group.

C₁₆H₁₄ Substance, from dichlorodivinylchloroarsine and aluminium chloride (GIBSON and JOHNSON), 2785.

16 II

- C₁₆H₁₀O₄** Anthracene-1:5-dicarboxylic acid (COULSON), 1933.
C₁₆H₁₁N₃ 2-Anilino-3-cyanoquinoline (ISHAQ and RAY), 2741.
C₁₆H₁₂O₂ Methyl anthracene-1-carboxylate (COULSON), 1933.
C₁₆H₁₂O₄ 3-*O*-Methylrubiadin (JONES and ROBERTSON), 1705.
C₁₆H₁₂O₆ Diosmetin (LOVECY, ROBINSON, and SUGASAWA), 820.
 5:7:4'-Trihydroxy-3'-methoxyflavone (LOVECY, ROBINSON, and SUGASAWA), 822.
C₁₆H₁₂N₂ 5-Methyl-2:3-benz- γ -carboline (KERMAK and SMITH), 2003.
C₁₆H₁₂N₄ 4-(Benzotriazolyl-3')-2-methylquinoline, and its hydrochloride (KERMAK and SMITH), 2003.
C₁₆H₁₄O₃ 5-Acetyl-*o*-tolyl benzoate (COULTHARD, MARSHALL, and PYMAN), 286.
C₁₆H₁₄O₄ *iso*Acetovanillone benzoate (COULTHARD, MARSHALL, and PYMAN), 290.
 Methyl *O*-benzyl*iso*vanillate (LOVECY, ROBINSON, and SUGASAWA), 819.
C₁₆H₁₄O₅ 2-Hydroxy-4-methoxy-3-methylbenzophenone-2'-carboxylic acid (JONES and ROBERTSON), 1704.
C₁₆H₁₅N₃ 4-*o*-Aminophenylamino-2-methylquinoline, and its dihydrochloride (KERMAK and SMITH), 2003.
C₁₆H₁₆O₃ $\alpha\beta$ -Di-*p*-methoxyphenylethylene oxide (READ and CAMPBELL), 2679.
C₁₆H₁₆O₄ 5:8-Diacetoxy-1:6-dimethylnaphthalene (HEILBRON and WILKINSON), 2552.
 3:3'-Dimethoxybenzoin (HODGSON and ROSENBERG), 17.
C₁₆H₁₆O₉ ω :3:4:5-Tetra-acetoxyacetophenone (BRADLEY, ROBINSON, and SCHWARZENBACH), 797.
C₁₆H₁₇N Benzyl*iso*propenylaniline, and its hydrochloride (SHORT and WATT), 2296.
C₁₆H₁₈O₂ *l-iso*Hydrobenzoin ethyl ether (READ and CAMPBELL), 2383.
C₁₆H₁₈O₄ Ethyl 1-phenyl-4-methylcyclohexane-3:5-dione-2-carboxylate (MATTAR, HASTINGS, and WALKER), 2456.
C₁₆H₁₈O₅ δ -4-Methoxy-2:5-dimethylbenzoylbutane- $\beta\gamma$ -dicarboxylic anhydride (CLEMO, HAWORTH, and WALTON), 1112.
C₁₆H₁₈O₉ 7-*O*-Methylæsculin (HEAD and ROBERTSON), 2436.
C₁₆H₁₈S₂ 1:4-Diphenylthiolbutane (BENNETT and MOSSES), 2368.
C₁₆H₂₄O₂ *l*- β -Octyl phenylacetate (RULE and BAIN), 1900.
C₁₆H₂₄O₅ Methyl α -keto-*trans*-decalin-2:2-diacetate (RAO), 1180.
C₁₆H₂₇P *p*-Ethylphenyl-di-*n*-butylphosphine (JACKSON, DAVIES, and JONES), 2300.
C₁₆H₂₈O₄ 4:13-Diketopalmitic acid (ROBINSON), 751.
 Ethyl 1:2-dimethylcyclohexane-4:5-diacetate (CAWLEY, EVANS, and FARMER), 529.
C₁₆H₃₀O₂ δ -Undecylvalerolactone (ROBINSON), 748.
C₁₆H₃₀O₃ Ketopalmitic acids (ROBINSON), 748.
C₁₆H₄₄O Methyl-*n*-amyl-*n*-nonylcarbinol (DAVIES, DIXON, and JONES), 470.
 Methyl-(β -methylbutyl)-*n*-nonylcarbinol (DAVIES, DIXON, and JONES), 472.

16 III

- C₁₆H₁₁O₂Br** Methyl bromoanthracene-1-carboxylate (COULSON), 1935.
C₁₆H₁₁O₃N₃ ω -Cyano- ω -*o*-nitrobenzylideneacetanilide (ISHAQ and RAY), 2740.
C₁₆H₁₁O₃Cl 7-Hydroxy-4-carboxyflavylium chloride (ROBINSON and SCHWARZENBACH), 825.

- $C_{16}H_{12}O_4N_2$ Hydroxy-*p*-nitrobenzylxyquinoline (ASHLEY, PERKIN, and ROBINSON), 388.
- $C_{16}H_{13}O_4N_3$ 4-Propionylguaiacol *p*-nitrophenylhydrazone (COULTHARD, MARSHALL, and PYMAN), 289.
- $C_{16}H_{12}O_4Cl_2$ 2:2'-Dichloro-3:3'-dimethoxybenzil (HODGSON and ROSENBERG), 17.
- $C_{16}H_{13}ON$ Benzylidene-*p*-methoxyphenylacetonitrile (GOODALL and HAWORTH), 2486.
- $C_{16}H_{13}O_2Cl$ *α*-*p*-Chlorobenzylcinnamic acid (SHOPPEE), 977.
- $C_{16}H_{13}O_2Br$ *α*-*p*-Bromobenzylcinnamic acid (SHOPPEE), 978.
- $C_{16}H_{13}O_2I$ *α*-*p*-Iodobenzylcinnamic acid (SHOPPEE), 979.
- $C_{16}H_{13}O_7Cl$ 3'-*O*-Methyldephindin chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 815.
- $C_{16}H_{14}O_4Cl_2$ 2:2'-Dichloro-3:3'-dimethoxybenzoïn (HODGSON and ROSENBERG), 17.
- $C_{16}H_{14}O_4S_2$ Diphenylthiol-*mm'*-dicarboxylic acid (BELL and BENNETT), 2.
- $C_{16}H_{14}O_5Cl_2$ 2:2-Dichloro-3:3'-dimethoxybenzilic acid (HODGSON and NIXON), 17.
- $C_{16}H_{14}O_6N_2$ Ethyl 2:4-dinitromethylphenyl-6-carboxylates (LESSLIE and TURNER), 1762.
- $C_{16}H_{14}O_6S_2$ 3-Methoxybenzoic acid 4-disulphide (SHAH), 1298.
- $C_{16}H_{14}O_6S_2$ Ethylenedi-*o*-carboxyphenylsulphone (COHEN and SMILES), 412.
- $C_{16}H_{15}OBr$ *ω*-Bromo-*ω*-*α*-phenylethylacetophenone (STEVENS), 2114.
- $C_{16}H_{15}O_2N$ 4-Hydroxy-*N*-phenyl-*αα*-dimethylphthalimidine (CAHN), 991.
- $C_{16}H_{15}O_5N$ Di-3:4-methylenedioxyphenylhydroxyethylamine, synthesis and resolution of, and its salts (READ and CAMPBELL), 2680.
- $C_{16}H_{15}O_7Br_3$ Tribromonorbarbaloin (GIBSON and SIMONSEN), 560.
- $C_{16}H_{16}ON_2$ 6-*p*-Tolueneazo-5-hydroxyhydrindene (MILLS and NIXON), 2520.
- $C_{16}H_{16}O_2N_2$ *OO*-Dimethyl-*γ*-benzildioxime (BRADY and MUERS), 224.
- s*-Diphenylacetylhydrazine, preparation of (AGGARWAL and RAY), 492.
- $C_{16}H_{16}O_4N_4$ 1:4-Di(nitrophenyl)piperazines (LE FÈVRE), 149.
- $C_{16}H_{17}ON$ Acetamidodimethyldiphenyls (MORGAN and WALLS), 1507.
- Phenacylbenzylmethylamine, and its picrate (STEVENS, SNEDDEN, STILLER, and THOMSON), 2124.
- $C_{16}H_{17}NBr_2$ Di-*p*-bromobenzylmethylamine, picrate of (STEVENS, SNEDDEN, STILLER, and THOMSON), 2122.
- $C_{16}H_{18}ON_2$ *o-n*-Butyrylphenol phenylhydrazone (COULTHARD, MARSHALL, and PYMAN), 286.
- $C_{16}H_{18}O_2Te$ Bis-*p*-phenetyl telluride (MORGAN and BURSTALL), 2600.
- $C_{16}H_{18}O_3Te$ Bis-*p*-phenetyl telluroxide (MORGAN and BURSTALL), 2601.
- $C_{16}H_{18}N_2S$ *p-n*-Propyldiphenylthiocarbamide (HICKINBOTTOM and WAINE), 1563.
- $C_{16}H_{19}O_2N$ Ethyl *α*-cyano-*β*-phenyl-*α*-ethyl-*Δβ*-pentenoate (HUGH and KON), 780.
- Ethyl *α*-cyano-*γ*-phenyl-*β*-methyl-*α*-ethyl-*Δβ*-butenoate (HUGH and KON), 781.
- $C_{16}H_{19}O_3N$ *dl*-Di-*p*-methoxyphenylhydroxyethylamine, and its salts (READ and CAMPBELL), 2677.
- $C_{16}H_{20}ON_2$ 4-Piperidino-6-methoxy-2-methylquinoline and its salts (KERMACK and SMITH), 1358.
- $C_{16}H_{20}O_2N_2$ Ethylenedi-*p*-methoxyphenyldiamine, and its dihydrochloride (BENNETT, MOSSES, and STATHAM), 1674.
- $C_{16}H_{21}ON$ *α*-*Δ*¹-*cyclo*Hexenylpropion-*p*-toluidide (KON and THAKUR), 2221.
- α*-*cyclo*Hexylidenepropion-*p*-toluidide (KON and THAKUR), 2220.
- 4-Methyl-*Δ*¹-*cyclo*hexenylacet-*p*-toluidide (KON and THAKUR), 2225.
- Methyl-*cyclo*hexylideneacet-*p*-toluidides (KON and THAKUR), 2223.
- $C_{16}H_{21}O_2N_3$ *l*-Cryptal *p*-nitrophenylhydrazone (PENFOLD and SIMONSEN), 405

- $C_{16}H_{21}O_4N$ α -*n*-Hexylallyl *p*-nitrobenzoate (BURTON), 251.
 Hydroxycamphoranilic acids (M. and R. SINGH), 1302.
 $C_{16}H_{21}O_{10}N$ Penta-acetyl mannonitrile (DEULOFEU), 2606.
 $C_{16}H_{27}Br_2P$ *p*-Ethylphenyldi-*n*-butylphosphine dibromide (JACKSON, DAVIES, and JONES), 2300.
 $C_{16}H_{31}ON$ *n*-Hexoylmenthylamines (READ and STOREY), 2765.
 $C_{16}H_{36}ISb$ Methyltri-*n*-amylstibonium iodide (DYKE and JONES), 1926.

16 IV

- $C_{16}H_{15}O_2N_2S$ 1-Phenyl-3-methylthionaphthapyrazole 5:5-dioxide (COHEN and SMILES), 411.
 $C_{16}H_{15}O_2N_2Cl$ 2-*m*-Nitrophenylquinoline methochloride (LE FÈVRE and MATHUR), 2239.
 $C_{16}H_{15}O_4NS$ 3-Keto-2-*p*-acetylaminophenyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 412.
 $C_{16}H_{13}O_4N_2Cl_2$ Nitrobenz- β -acetyl-3:5-dichloro-*p*-tolylhydrazides (CHATTAWAY and ADAMSON), 846.
 $C_{16}H_{13}O_4N_2Br_2$ Nitrobenz- β -acetyl-3:5-dibromo-*p*-tolylhydrazides (CHATTAWAY and ADAMSON), 161.
 $C_{16}H_{14}O_2NBP$ 2-Bromo-2'-diacetamidodiphenyl ether (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1206.
 $C_{16}H_{14}O_2N_2S$ 3-Keto-2-acetyl-2:3-dihydrothionaphthen 1:1-dioxide phenylhydrazone (COHEN and SMILES), 411.
 $C_{16}H_{14}O_4N_2Cl$ *p*-Nitrobenz- β -acetyl-3-chloro-*p*-tolylhydrazide (CHATTAWAY and ADAMSON), 848.
 $C_{16}H_{14}O_4N_2Br$ *p*-Nitrobenz- β -acetyl-3-bromo-*p*-tolylhydrazide (CHATTAWAY and ADAMSON), 161.
 $C_{16}H_{16}ON_2S$ 1-Anilino-4'-ethoxy-5-methylbenzthiazole (HUNTER and JONES), 2208.
 $C_{16}H_{17}O_2NS$ Toluenesulphonamidopropiophenones (ELSON, GIBSON, and JOHNSON), 1132.
 $C_{16}H_{16}ON_2S$ *s-p*-Ethoxyphenyl-*p*-tolylthiocarbamide (HUNTER and JONES), 2207.
 $C_{16}H_{18}O_2Br_2Te$ Bis-*p*-phenetyl telluridibromide (MORGAN and BURSTALL), 2601.
 $C_{16}H_{18}O_2I_2Te$ Bis-*p*-phenetyl telluridi-iodide (MORGAN and BURSTALL), 2601.
 $C_{16}H_{18}Cl_2S_2Pd$ Dibenzylthioethanepalladous chloride (BENNETT, MOSSES, and STATHAM), 1673.
 Di-*p*-tolylthioethanepalladous chloride (BENNETT, MOSSES, and STATHAM), 1671.
 $C_{16}H_{18}Cl_2S_2Pt$ Dibenzylthioethaneplatinous chloride (BENNETT, MOSSES, and STATHAM), 1675.
 $C_{16}H_{18}I_2S_2Hg$ Dibenzylthioethanemercuric iodide (BENNETT, MOSSES, and STATHAM), 1673.
 Di-*p*-tolylthioethanemercuric iodide (BENNETT, MOSSES, and STATHAM), 1673.
 $C_{16}H_{19}O_2NS$ *p*-Toluenesulphonylamino-*n*-propylbenzene (HICKINBOTTOM and WAINE), 1563.
 $C_{16}H_{20}O_4N_2S_3$ Ethyl-*p*-toluenesulphonimidodisulphine-*p*-toluenesulphonylimine (CLARKE, KENYON, and PHILLIPS), 1227.
 $C_{16}H_{20}N_2Cl_2Pd$ Ethylenediphenyldimethyldiaminepalladous chloride (BENNETT, MOSSES, and STATHAM), 1676.
 $C_{16}H_{24}OIP$ *p*-Methoxyphenyldi-*n*-butylphosphine methiodide (JACKSON, DAVIES, and JONES), 2301.

16 V

- $C_{16}H_{18}O_9N_2S_3H_3$ Substance, from oxidation of ethyl-*p*-toluenesulphonimidodisulphine-*p*-toluenesulphonylimine (CLARKE, KENYON, and PHILLIPS), 1228.

- $C_{16}H_{14}O_{10}N_3S_2As$ 1-Amino-3:6-disulpho-8-naphthol-7-azobenzene-4'-arsinic acid (GOUGH and KING), 679.
 $C_{16}H_{15}ON_2BrS$ 3-Bromo-1-anilino-4'-ethoxy-5-methylbenzthiazole (HUNTER and JONES), 2208.
 $C_{16}H_{18}O_4N_2S_3As$ Di(carbamidomethyl) 2-sulphonanilidophenylthioarsinite (BARBER), 2052.
 $C_{16}H_{20}O_2N_2Cl_2Pd$ Ethylenediphenyldimethyldiaminepalladous chloride (BENNETT, MOSSES, and STATHAM), 1676.

C₁₇ Group.

- $C_{17}H_{10}O_4$ Benzantrbragallol (CROSS and PERKIN), 301.
 Triacetylbenzantrbragallol (CROSS and PERKIN), 301.
 $C_{17}H_{12}O_5$ 3-*O*-Acetylubiadin (JONES and ROBERTSON), 1706.
 $C_{17}H_{13}N_3$ 2-*p*-Toluidino-3-cyanoquinoline (ISHAQ and RÂY), 2741.
 $C_{17}H_{14}O_4$ *O*-Dimethylubiadin (JONES and ROBERTSON), 1703.
 $C_{17}H_{14}O_5$ 6-Acetoxy-2-*p*-methoxyphenylcoumaranone (BAKER), 1019.
 $C_{17}H_{14}N_2$ Dimethyl-2:3-benz- γ -carbolines (KERMACK and SMITH), 2008.
 $C_{17}H_{16}O_2$ α -*p*-Methylbenzylcinnamic acid (SHOPPEE), 975.
 $C_{17}H_{16}O_3$ *p*-Butyrylphenyl benzoate (COULTHARD, MARSHALL, and PYMAN), 286.
 $C_{17}H_{16}O_4$ Propionylguaiaicyl benzoates (COULTHARD, MARSHALL, and PYMAN), 289.
 $C_{17}H_{17}N_3$ 4-(β -Phenyl- β -methylhydrazino)-2-methylquinoline (KERMACK and SMITH), 2007.
 $C_{17}H_{20}O_3$ 6-Keto-13-ethyloctahydromorphenol methyl ether (CAHN), 704.
 $C_{17}H_{22}O_2$ 1-Phenyl-4-*n*-amylcyclohexane-3:5-dione (MATTAR, HASTINGS, and WALKER), 2457.
 $C_{17}H_{23}N_4$ *p*-Dimethylaminobenzeneazophenyltrimethylamine, perchlorate of (ZAKI), 1080.
 $C_{17}H_{30}O_4$ *l*-Menthyl hydrogen diethylmalonate (RULE and HARROWER), 2325.
 $C_{17}H_{32}O_3$ *l*-Menthyl α -methoxy- α -ethylbutyrate (RULE and HARROWER), 2326.
 $C_{17}H_{34}O_4$ α -Myristin (FAIRBOURNE), 380.

17 III

- $C_{17}H_{11}O_2N_3$ 2-Anilino-3-cyano-6:7-methylenedioxyquinoline (ISHAQ and RÂY), 2741.
 $C_{17}H_{12}N_2S$ 1-Anilino- α -naphthathiazole (HUNTER and JONES), 944.
 1- β -Naphthylaminobenzthiazole (HUNTER and JONES), 944.
 $C_{17}H_{13}O_2N$ 2-Hydroxynaphthanilids (BELL), 1984.
 $C_{17}H_{13}O_2N_3$ ω -Cyano- ω -*o*-nitrobenzylideneaceto-*p*-toluidide (ISHAQ and RÂY), 2741.
 $C_{17}H_{14}ON_2$ 15-Methoxy-5-methyl-2:3-benz- γ -carboline (KERMACK and SMITH), 2005.
 $C_{17}H_{14}ON_4$ 4-(Benztriazolyl-3')-6-methoxy-2-methylquinoline, and its hydrochloride (KERMACK and SMITH), 2004.
 $C_{17}H_{14}O_2N_2$ ω -Cyano- ω -*m*-methoxybenzylideneacetanilide (ISHAQ and RÂY), 2740.
 Substance, from diketohydrindene and nitrosodimethylaniline (ZAKI), 1083.
 $C_{17}H_{16}O_2N_2$ 6:7-Dimethoxy-1-benzylphthalazine (AGGARWAL, KHERA, and RÂY), 2355.
 $C_{17}H_{16}O_3N_2$ Acetylmethylbenzildioximes (BRADY and MUERS), 220.
 $C_{17}H_{16}NI$ 2-Methylacenaphthpyridine methiodide (HAMER), 999.
 $C_{17}H_{17}ON_3$ 4-Aminoanilino-6-methoxy-2-methylquinolines (SLATER), 1210.
 4-*o*-Aminophenylamino-6-methoxy-2-methylquinoline (KERMACK and SMITH), 2004.

- $C_{17}H_{18}O_2N_2$ ω -Dimethylamino- ω -*p*-nitrobenzylacetophenone (STEVENS, SNEDDEN, STILLER, and THOMSON), 2123.
 α -Phenylacetyl- β -veratrylidenehydrazine (AGGARWAL, KHERA, and RAY), 2355.
 $C_{17}H_{19}ON_3$ *o*-Acetamidoacetophenone phenylmethylhydrazone (KERMACK and SMITH), 2007.
 $C_{17}H_{19}O_2N$ γ -*o*-Tolylpropyl alcohol urethane (HARVEY, HEILBRON, and WILKINSON), 428.
 $C_{17}H_{20}ON_2$ Anhydroangustione phenylhydrazone (GIBSON, PENFOLD, and SIMONSEN), 1193.
 Butyrylcresol phenylhydrazones (COULTHARD, MARSHALL, and PYMAN), 286.
 $C_{17}H_{20}O_2N_2$ 4-*n*-Butyrylguaiacol phenylhydrazone (COULTHARD, MARSHALL, and PYMAN), 289.
 $C_{17}H_{20}O_2N_2$ α -Phenylacetyl- β -4:5-dimethoxybenzylhydrazine (AGGARWAL, KHERA, and RAY), 2355.
 $C_{17}H_{20}N_2S$ *p*-*tert*.-Butyldiphenylthiocarbamide (HICKINBOTTOM and PRESTON), 1569.
 $C_{17}H_{21}O_3N$ Camphoromethoxyphenylimides (M. and R. SINGH), 1302.
 $C_{17}H_{22}N_2S$ *p*-*iso*Butyldiphenylthiocarbamide (HICKINBOTTOM and PRESTON), 1570.
 $C_{17}H_{23}ON$ Benzoylpiperitylamines (READ and STOREY), 2776.
 $C_{17}H_{23}O_4N$ Methoxycamphoranilic acids (M. and R. SINGH), 1302.
 $C_{17}H_{23}O_5N$ Ethyl (hydroxymethyl)ethylmalonatephenylcarbamate (WELCH), 260.
 $C_{17}H_{23}OP$ *p*-Methoxyphenyldi-*n*-amylphosphine (JACKSON, DAVIES, and JONES), 2301.

17 IV

- $C_{17}H_{11}N_2BrS$ 1-*p*-Bromoanilino- α -naphthathiazole (HUNTER and JONES), 946.
 $C_{17}H_{15}O_2N_2Cl_3$ 8-Chloro- α -ketobutaldehyde *N*-benzoyl-2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 92.
 $C_{17}H_{15}N_2ClS_2$ 2:2'-Dimethylthiocyanine chloride (FISHER and HAMER), 2508.
 $C_{17}H_{15}N_2BrS_2$ 2:2'-Dimethylthiocyanine bromide (FISHER and HAMER), 2508.
 $C_{17}H_{15}N_2IS_2$ 2:2'-Dimethylthiocyanine iodide (FISHER and HAMER), 2508.
 $C_{17}H_{16}ON_4Cl_4$ α -Keto- β -methoxybutaldehyde 2:4-dichlorophenylsazone (CHATTAWAY and IRVING), 92.
 $C_{17}H_{16}ON_4Br_4$ α -Keto- β -methoxybutaldehyde 2:4-dibromophenylsazone (CHATTAWAY and IRVING), 94.
 $C_{17}H_{16}O_4N_3F$ 4-Fluoro-2:3'-dinitro-4'-piperidinodiphenyl (LE FÈVRE and TURNER), 1162.
 $C_{17}H_{17}ON_2Br$ Anhydrodehydroangustione *p*-bromophenylhydrazone (GIBSON, PENFOLD, and SIMONSEN), 1199.
 $C_{17}H_{17}O_4NS$ 2-Phenylquinoline methosulphate (Le FÈVRE and MATHUR), 2238.
 $C_{17}H_{17}O_4N_2As$ 6'-Methoxy-2'-methyl-4'-quinolylaminophenylarsinic acids (SLATER), 1211.
 $C_{17}H_{18}ONBr$ *p*-Bromo- ω -dimethylamino- ω -benzylacetophenone (STEVENS), 2116.
 ω -Dimethylamino- ω -*m*-bromobenzylacetophenone (STEVENS), 2112.
 ω -Dimethylamino- ω -*p*-bromobenzylacetophenone (STEVENS, SNEDDEN, STILLER, and THOMSON), 2122.
 $C_{17}H_{18}O_2N_2S_2$ *p*-Cyanobenzylethylsulphine-*p*-toluenesulphonylimine (MANN), 1751.
 $C_{17}H_{19}ONBr_2$ *p*-Bromophenacylbenzyltrimethylammonium bromide (STEVENS), 2116.
 Phenacyl-*m*-bromobenzyltrimethylammonium bromide (STEVENS), 2112.
 Phenacyl-*p*-bromobenzyltrimethylammonium bromide (STEVENS, SNEDDEN, STILLER, and THOMSON), 2122.

- C₁₇H₁₉O₂N₂Br** Anhydroangustione *p*-bromophenylhydrazone (GIBSON, PENFOLD, and SIMONSEN), 1193.
- C₁₇H₁₉O₃NS** Toluenesulphonamido-*n*-butyrophenone (ELSON, GIBSON, and JOHNSON), 1134.
- C₁₇H₁₉O₃N₂Br** Phenacyl-*p*-nitrobenzylidimethylammonium bromide (STEVENS, SNEDDEN, STILLER, and THOMSON), 2123.
- C₁₇H₂₁O₂NS** *sec*-Butyltoluenesulphonanilides (SHOESMITH and McGECHEN), 2236.
p-Toluenesulphonamidoisobutylbenzene (HICKINBOTTOM and PRESTON), 1570.
p-Toluenesulphonamido-*tert*-butylbenzene (HICKINBOTTOM and PRESTON), 1569.
p-Toluenesulphonylisobutylaniline (HICKINBOTTOM), 994.
- C₁₇H₂₁O₆N₂Cl** *l*-Menthyl 2-chloro-3:5-dinitrobenzoate (LESSLIE and TURNER), 1761.
- C₁₇H₂₁Si₂Hg** Dibenzyl-*n*-propylsulphonium mercuritri-iodide (CAVELL and SUGDEN), 2577.
- C₁₇H₂₂OBr₂P** *p*-Methoxyphenyldi-*n*-amylphosphine dibromide (JACKSON, DAVIES, and JONES), 2301.

17 V

- C₁₇H₁₂O₃NS₂As** 1-Benzamido-3:6-disulphonaphthalene-4'-arsinous acid, and its sodium salt (GOUGH and KING), 679.
- C₁₇H₁₃O₂N₂ClBr₂** β -Chloro- α -ketobutaldehyde *N*-benzoyl-2:4-dibromophenylhydrazone (CHATTAWAY and IRVING), 94.
- C₁₇H₁₄O₁₀NS₂As** 1-Benzamido-3:6-disulphonaphthalene-4'-arsinic acid (GOUGH and KING), 679.
 1-Benzamido-3:6-disulpho-8-naphthol-4'-arsinous acid (GOUGH and KING), 680.
- C₁₇H₁₄O₁₁NS₂As** 1-Benzamido-3:6-disulpho-8-naphthol-4'-arsinic acid (GOUGH and KING), 680.
- C₁₇H₂₀O₃NCl₄I** Morphine tetrachloriodide (CHATTAWAY and PARKES), 1004.
- C₁₇H₂₂O₄NCl₄I** Cocaine tetrachloriodide (CHATTAWAY and PARKES), 1004.

C₁₈ Group.

- C₁₈H₁₂O₄** 1:5-Diacetylanthraquinone (COULSON), 1935.
- C₁₈H₁₄O₄** 4-Acetoxy-1:2-dimethylantraquinone (FAIRBOURNE and FOSTER), 1275.
 Acetyl-4-hydroxy-9-anthranol (CROSS and PERKIN), 306.
- C₁₈H₁₄O₅** Acetyl-*O*-methylrubiadin (JONES and ROBERTSON), 1705.
- C₁₈H₁₆Si** Triphenylsilicane, preparation of (KIPPING and SHORT), 1029.
- C₁₈H₁₈O₃** 6-Methoxy-13-vinyltetrahydromorphenol methyl ether (CAHN), 704.
- C₁₈H₁₈O₄** 4-*n*-Butyrylguaiacyl benzoate (COULTHARD, MARSHALL, and PYMAN), 289.
 β -*\gamma*-Diphenyladipic acids, stereoisomeric (OOMMEN and VOGEL), 2148.
- C₁₈H₂₀O₅** Hydroxytrimethoxy- β -phenylpropiophenones (JOHNSON and ROBERTSON), 23, 26.
- C₁₈H₂₂N₄** Ethyl-*o*-aminophenylketazine (ELSON, GIBSON, and JOHNSON), 1135.
- C₁₈H₂₄O₆** Methyl δ -4-methoxy-2:5-dimethylbenzoylbutane- β - γ -dicarboxylate (CLEMO, HAWORTH, and WALTON), 1113.
- C₁₈H₂₄N₃** *p*-Dimethylaminobenzylidene-*p*-aminophenyltrimethylamine, perchlorate cf (ZAKI), 1080.
- C₁₈H₃₁P** *p*-Ethylphenyldi-*n*-amylphosphine (JACKSON, DAVIES, and JONES), 2300.
- C₁₈H₃₉As** Triisohexylarsine (DYKE and JONES), 2430.
- C₁₈H₃₉Sb** Tri-*n*-hexylstibine (DYKE, DAVIES, and JONES), 467.

18 III

- $C_{18}H_{13}O_5N$ ω -Cyano- ω -6-nitro-3:4-methylenedioxybenzylideneaceto-*p*-toluidide (ISHAQ and RÂY), 2741.
- $C_{18}H_{15}O_2N$ 12:13-Dimethoxyisoindequinoline (CLEMO and JOHNSON), 2137.
- $C_{18}H_{15}O_2N_3$ 2-Anilino-3-cyano-6:7-dimethoxyquinoline (ISHAQ and RÂY), 2741.
- $C_{18}H_{16}O_4Cl$ 7-Hydroxy-4-carbethoxyflavylum chloride (ROBINSON and SCHWARZENBACH), 825.
- $C_{18}H_{16}ON_2$ 1:6-Dimethyl- α -naphthaquinone phenylhydrazone (HEILBRON and WILKINSON), 2552.
- $C_{18}H_{16}ON_4$ 4-(Benzotriazolyl-3')-6-methoxy-2:3-dimethylquinoline (KERMACK and SMITH), 2006.
- $C_{18}H_{16}O_2N_2$ ω -Cyano- ω -*m*-methoxybenzylideneaceto-*p*-toluidide (ISHAQ and RÂY), 2740.
- $C_{18}H_{16}O_2Cl_2$ *meso*- $\beta\gamma$ -Diphenyladipyl chloride (OOMMEN and VOGEL), 2151.
- $C_{18}H_{16}O_3N_2$ ω -Cyano- ω -3:4-dimethoxybenzylideneacetanilide (ISHAQ and RÂY), 2740.
- $C_{18}H_{17}O_2Cl$ Ethyl α -*p*-chlorobenzylcinnamate (SHOPPEE), 977.
- $C_{18}H_{17}O_2Br$ Ethyl α -*p*-bromobenzylcinnamate (SHOPPEE), 978.
- $C_{18}H_{17}O_2I$ Ethyl *p*-iodo- α -benzylcinnamate and α -*p*-iodobenzylcinnamate (SHOPPEE), 980.
- $C_{18}H_{17}O_3N$ 4-Acetoxy-*N*-phenyl- $\alpha\alpha$ -dimethylphthalimidine (CAHN), 992.
4-Hydroxy-3-homoveratrylquinoline (CLEMO and JOHNSON), 2135.
4-Keto-3-veratrylidene-1:2:3:4-tetrahydroquinoline (CLEMO and JOHNSON), 2136.
- $C_{18}H_{17}O_7Cl$ Trimethyldephinidin chlorides (BRADLEY, ROBINSON, and SCHWARZENBACH), 308.
- $C_{18}H_{18}O_4S_2$ Dimethyl diphenylthioethane-*mm'*-dicarboxylate (BELL and BENNETT), 2.
- $C_{18}H_{18}O_6S_2$ Dimethyl diphenylthioethanedicarboxylate dioxides (BELL and BENNETT), 3.
- $C_{18}H_{18}N_4S_2$ 2:2'-Dithiodiphenyl-4:5-dihydroglyoxalines (McCLELLAND and WARREN), 1101.
- $C_{18}H_{19}ON_3$ 4-*o*-Aminophenylamino-6-methoxy-2:3-dimethylquinoline, and its hydrochlorides (KERMACK and SMITH), 2006.
- $C_{18}H_{19}O_2N$ Dimethylaminobenzylcinnamic acids (SHOPPEE), 983.
2:4-Dimethylcinnamyl phenylurethane (BURTON), 252.
 α -*m*-4-Xylylallyl phenylurethane (BURTON), 252.
- $C_{18}H_{20}ON_2$ 1-Phenylcarbonyl-3:4-dimethyl-1:2:3:4-tetrahydroquinoline (PLANT and ROSSER), 2449.
- $C_{18}H_{21}ON$ ω -Dimethylamino- ω - α -phenylethylacetophenones (STEVENS), 2113.
- $C_{18}H_{21}O_2N$ ω -Dimethylamino- ω -*p*-methoxybenzylacetophenone (STEVENS), 2112.
 γ -(2:4-Dimethylphenyl)propyl urethane (HEILBRON and WILKINSON), 2539.
- $C_{18}H_{21}O_4N$ Acetyldi-*p*-methoxyphenylhydroxyethylamine (READ and CAMPBELL), 2677.
- $C_{18}H_{22}ON_2$ Valerylresol phenylhydrazones (COULTHARD, MARSHALL, and PYMAN), 287.
- $C_{18}H_{23}O_3N$ Phenacyl-*p*-methoxybenzylidimethylamine, picrate of (STEVENS), 2112.
- $C_{18}H_{23}O_3N_3$ 6-Keto-13-ethyloctahydromorphenol methyl ether semicarbazone (CAHN), 705.
- $C_{18}H_{25}ON$ Phenylacetyl-*l*-piperitylamine (READ and STOREY), 2777.
- $C_{18}H_{25}O_2N$ Anisoylpiperitylamines (READ and STOREY), 2776.
- $C_{18}H_{25}O_3N$ Camphoroethoxyphenylimides (M. and R. SINGH), 1303.
- $C_{18}H_{25}O_4N$ Ethoxycamphoranilic acids (M. and R. SINGH), 1303.
- $C_{18}H_{26}ON_4$ Azoxybenzene-*pp'*-bistrimethylamine, salts of (ZAKI), 1081.

$C_{18}H_{27}ON$ Phenylacetyl-*d*-isomenthylamine (READ and STOREY), 2765.

$C_{18}H_{28}O_4Br_2$ *trans*-Decalin-2:2-dibromoacetic acid (RAO), 1178.

$C_{18}H_{35}ON$ *n*-Octoyle-*d*-isomenthylamine (READ and STOREY), 2765.

18 IV

$C_{18}H_{11}O_{10}N_5S$ Tetranitrobenzenesulphonamidodiphenyls (BELL), 1074.

$C_{18}H_{12}O_2N_4Cl_6$ Diacetylgyoxal di-2:4:6-trichlorophenylosazone (CHATTAWAY and FARINHOLT), 97.

$C_{18}H_{12}O_2N_4Br_6$ Diacetylgyoxal di-2:4:6-tribromophenylosazone (CHATTAWAY and FARINHOLT), 97.

$C_{18}H_{12}O_8N_4S$ 3:5-Dinitro-2-*m*-nitrobenzenesulphonamidodiphenyl (BELL), 1074.

$C_{18}H_{15}O_{10}N_4S_2$ Di-*m*-nitrobenzenesulphon-*m'*-nitroanilide (BELL), 1077.

$C_{18}H_{13}O_6N_3S$ Dinitrobenzenesulphonamidodiphenyls (BELL), 1074.

$C_{18}H_{14}O_2N_4Cl_4$ Diacetylgyoxal di-2:4-dichlorophenylosazone (CHATTAWAY and FARINHOLT), 97.

$C_{18}H_{14}O_2N_4Br_4$ Diacetylgyoxal di-2:4-dibromophenylosazone (CHATTAWAY and FARINHOLT), 97.

$C_{18}H_{14}O_4N_4S$ Nitrobenzenesulphonamidodiphenyls (BELL), 1074.

$C_{18}H_{16}O_2NCl$ 4-Chloro-3-homoveratrylquinoline (CLEMO and JOHNSON), 2136.

$C_{18}H_{16}O_2N_4Cl_2$ Diacetylgyoxal di-*p*-chlorophenylosazone (CHATTAWAY and FARINHOLT), 97.

$C_{18}H_{16}O_2N_4Br$ Diacetylgyoxal di-*p*-bromophenylosazone (CHATTAWAY and FARINHOLT), 97.

$C_{18}H_{16}O_3NBr$ 4-Hydroxy-3-(6'-bromohomoveratryl)quinoline (CLEMO and JOHNSON), 2135.

$C_{18}H_{17}O_6NS$ 4-Hydroxy-3-homoveratrylquinoline-6'-sulphonic acid (CLEMO and JOHNSON), 2136.

$C_{18}H_{18}ON_4Cl_4$ α -Keto- β -ethoxybutaldehyde-2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 93.

$C_{18}H_{18}ON_4Br_4$ α -Keto- β -ethoxybutaldehyde 2:4-dibromophenylhydrazone (CHATTAWAY and IRVING), 94.

$C_{18}H_{18}O_4N_3S$ 5-Methyl-2:3-benz- γ -carboline methosulphate (KERMACK and SMITH), 2008.

$C_{18}H_{23}ONBr$ Phenacyl- α -phenylethyldimethylammonium bromide (STEVENS), 2113.

$C_{18}H_{22}O_2NBr$ Phenacyl-*p*-methoxybenzylidimethylammonium bromide (STEVENS), 2112.

$C_{18}H_{23}O_5NS$ 2-*d*-Camphorsulphonoxyacetanilide (BELL), 1987.

$C_{18}H_{23}SI_3Hg$ Dibenzyl-*n*-butylsulphonium mercuritri-iodide (CAVELL and SUGDEN), 2578.

$C_{18}H_{32}OIP$ *p*-Methoxyphenyldi-*n*-amylphosphine methiodide (JACKSON, DAVIES, and JONES), 2301.

18 V

$C_{18}H_{14}O_4N_4S_2As_2$ 5:5'-Arseno-(2-carboxymethylthiolbenzimidazole) (EVERETT), 2407.

$C_{18}H_{15}O_2NClBr$ 4-Chloro-3-(6'-bromohomoveratryl)quinoline (CLEMO and JOHNSON), 2136.

$C_{18}H_{16}O_2N_6S_2As_2$ 5:5'-Arseno-(2-carbamylmethylthiolbenzimidazole) (EVERETT), 2407.

C₁₉ Group.

$C_{19}H_{14}$ 3-Methyl-1:2-benzanthracene (COOK), 1093.

19 II

- $C_{19}H_{14}O_6$ Anhydro-5-hydroxy-7-acetoxy-4- α -hydroxy-*p*-methoxybenzylcoumarin (BAKER), 1018.
- $C_{19}H_{15}Br$ Triphenylbromomethane, additive compounds of metallic bromides with (THOMAS, BOWDEN, and JONES), 477.
- $C_{19}H_{16}O_5$ 3:6-Diacetoxy-2-benzylcoumarone (BAKER), 1020.
- $C_{19}H_{16}O_7$ 6-Hydroxy-5:7:4'-trimethoxy-4-carboxyflavylium betaine (ROBINSON and SCHWARZENBACH), 826.
- $C_{19}H_{19}O_2$ 1:2-Diphenyl-4-methylcyclohexane-3:5-dione (MATTAR, HASTINGS, and WALKER), 2458.
1-Phenyl-4-benzylcyclohexane-3:5-dione (MATTAR, HASTINGS, and WALKER), 2458.
- $C_{19}H_{19}O_5$ Piperonylidenedehydroangustione (GIBSON, PENFOLD, and SIMONSEN), 1199.
- $C_{19}H_{19}O_6$ Scutellarein tetramethyl ether (ROBINSON and SCHWARZENBACH), 829.
- $C_{19}H_{20}O_2$ Ethyl α -*p*-methylbenzylcinnamate (SHOPPER), 975.
- $C_{19}H_{20}O_4$ 4-*n*-Valerylguaiacyl benzoate (COULTHARD, MARSHALL, and PYMAN), 239.
- $C_{19}H_{20}O_5$ Piperonylideneangustione (GIBSON, PENFOLD, and SIMONSEN), 1194.
- $C_{19}H_{22}O_3$ Di-*p*-methoxybenzylacetone (GOODALL and HAWORTH), 2485.
- $C_{19}H_{27}N_3$ Benzylideneaniline-*pp'*-bistrimethylamine, perchlorate of (ZAKI), 1083.
- $C_{19}H_{30}O$ Cetyl allyl ether (DAVIES, HEILBRON, and OWENS), 2545.
- $C_{19}H_{40}O_3$ Cetyl glyceryl ether (DAVIES, HEILBRON, and OWENS), 2545.

19 III

- $C_{19}H_{15}O_3N$ 2-Acetoxy- α -naphthanilide (BELL), 1986.
- $C_{19}H_{17}O_2N_3$ 2-*p*-Toluidino-3-cyano-6:7-dimethoxyquinoline (ISHAQ and RĀY), 2741.
- $C_{19}H_{17}O_2N_3$ ω -Cyano- ω -6-nitro-3:4-dimethoxybenzylideneaceto-*p*-toluidide (ISHAQ and RĀY), 2741.
- $C_{19}H_{18}O_3N_2$ ω -Cyano- ω -3:4-dimethoxybenzylideneaceto-*p*-toluidide (ISHAQ and RĀY), 2740.
- $C_{19}H_{19}O_3N_3$ 4-Acetylamidoanilino-6-methoxy-2-methylquinolines (SLATER), 1211.
- $C_{19}H_{20}ON_3$ *p*- α -Naphtholazophenyltrimethylamine, perchlorate of (ZAKI), 1080.
- $C_{19}H_{20}O_4N_2$ 6:7:3':4'-Tetramethoxy-1-benzylphthalazine, and its picrate (AGGARWAL, KHERA, and RĀY), 2356.
- $C_{19}H_{21}N_4Cl$ *p*- α -Aminonaphthaleneazophenyltrimethylammonium chloride (ZAKI), 1080.
- $C_{19}H_{22}ON_2$ Cinchonidine, dissociation constant of (PRIDEAUX and WINFIELD), 1587.
Cinchonine, dissociation constant of (PRIDEAUX and WINFIELD), 1587.
- $C_{19}H_{22}O_5N_2$ α -Ethyl glyceryl ether diphenylurethane (DAVIES, HEILBRON, and OWENS), 2544.
- $C_{19}H_{25}O_2N$ *dl*- β -Hydroxy- β -phenylethylamino-*d*-methylenecamphor (READ and CAMPBELL), 2683.

19 IV

- $C_{19}H_{13}ONCl_2$ *N*-*p*-Chlorophenylbenzimidino-*p*-chlorophenyl ether (CHAPMAN), 2462.
- $C_{19}H_{14}O_{10}N_4S_2$ Di-*m*-nitrobenzenesulphonitrotoluidides (BELL), 1077.
- $C_{19}H_{15}O_3N_3S_2$ *m*-Nitrobenzenesulphon-*p*-toluenesulphon-*m'*-nitroanilide (BELL), 1077.
- $C_{19}H_{19}N_3ClS_2$ 2:2'-Diethylthiocyanine chloride (FISHER and HAMER), 2507.
- $C_{19}H_{19}N_3BrS_2$ 2:2'-Diethylthiocyanine bromide (FISHER and HAMER), 2507.
- $C_{19}H_{19}N_3IS_2$ 2:2'-Diethylthiocyanine iodide (FISHER and HAMER), 2507.

- $C_{19}H_{20}O_4N_2S$ Dimethyl-2:3-benzcarboline methosulphates (KERMACK and SMITH), 2009.
 $C_{19}H_{20}O_6NCl$ 4-Carbamyl-5:6:7:4'-tetramethoxyflavylium chloride (ROBINSON and SCHWARZENBACH), 828.
 $C_{19}H_{24}O_3NI$ *dl*-Di-*p*-methoxyphenylhydroxyethyltrimethylammonium iodide (READ and CAMPBELL), 2679.

19 V

- $C_{19}H_{13}O_2NBr_2S$ 3:4'-Dibromo-4-*p*-toluenesulphonamidodiphenyl (BELL), 1076.
 $C_{19}H_{16}O_2NBrS$ 5-Bromo-2-*p*-toluenesulphonamidodiphenyl (BELL), 1076.
 $C_{19}H_{19}O_2NCl$ 4-Chloro-3-homoveratrylquinoline methiodide (CLEMO and JOHNSON), 2136.
 $C_{19}H_{24}ON_2Cl_5I_2$ Cinchonine tetrachloroiodide (CHATTAWAY and PARKES), 1003.

C₂₀ Group.

- $C_{20}H_{14}$ Acenaphthanthracene (COOK), 1095.
 Phenylanthracenes (COOK), 1091.
 $C_{20}H_{18}$ 1:5-Diisopropenylantracene (COULSON), 1935.

20 II

- $C_{20}H_{12}O_4$ Phenolphthalein, constitution of, and its fading in alkaline solution (LUND), 1844.
 $C_{20}H_{14}O_2$ 1:2-Benzanthranlyl 10-acetate (COOK), 1093.
 $C_{20}H_{16}O$ 2-*o*-Toluoyldiphenyl (COOK), 1091.
 $C_{20}H_{16}O_4$ Benzanthragallol trimethyl ether (CROSS and PERKIN), 302.
 $C_{20}H_{16}O_6$ Acetyl-4:5-dihydroxy-9-anthranol (CROSS and PERKIN), 307.
 1:2-Diacetoxy-9-anthranlyl acetate (CROSS and PERKIN), 305.
 Ethyl anthraquinone-1:5-dicarboxylate (COULSON), 1934.
 $C_{20}H_{18}O_4$ Ethyl anthracene-1:5-dicarboxylate (COULSON), 1933.
 $C_{20}H_{18}O_6$ *o*-Hydroxy-2-xyloylbenzoic acid diacetate (FAIRBOURNE and FOSTER), 1275.
 $C_{20}H_{18}O_7$ 2:4-Diacetoxy-*O*-acetylbenzoin (BAKER), 1019.
 5:6:7:4'-Tetramethoxy-4-carboxyflavylium betaine (ROBINSON and SCHWARZENBACH), 826.
 $C_{20}H_{18}O_8$ Dicarbethoxy-2:3:4-trihydroxy-9-anthranol (CROSS and PERKIN), 304.
 2- β -Glucosidoxyanthraquinone (ROBERTSON), 1138.
 1-Hydroxy-2:3-diethylcarbonato-9-anthranol (CROSS and PERKIN), 304.
 $C_{20}H_{20}O_5$ 5:7:4'-Trimethoxy-3-benzyl-2-methyl-1:4-benzopyrone (JOHNSON and ROBERTSON), 24.
 $C_{20}H_{22}O_2$ 1:5-Diisopropylolantracene (COULSON), 1934.
 $C_{20}H_{22}O_4$ 4-*n*-Hexoylguaiaacyl benzoate (COUTHARD, MARSHALL, and PYMAN), 289.
 $C_{20}H_{22}O_6$ 6-Acetoxy-2:4:4'-trimethoxy- β -phenylpropiofenone (JOHNSON and ROBERTSON), 23.
 β -Carthamidin pentamethyl ether (KURODA), 766.
 $C_{20}H_{24}O_2$ *iso*Anethole, structure of (GOODALL and HAWORTH), 2482.
 $C_{20}H_{26}N_4$ *n*-Propyl-*o*-aminophenylketazine (ELSON, GIBSON, and JOHNSON), 1135.

20 III

- $C_{20}H_{12}O_2S_2$ Dchydro-2-naphthol 1-disulphide (STEVENSON and SMILES), 1745.
 $C_{20}H_{16}O_9Br_3$ Tribromobarbaloin (GIBSON and SIMONSEN), 558.
 $C_{20}H_{16}O_2S$ 9-Fluorenyl-*p*-tolylsulphone (INGOLD and JESSOP), 710.
 $C_{20}H_{17}O_4Br$ Ethyl 9-bromoanthracene-1:5-dicarboxylate (COULSON), 1936.

- $C_{20}H_{19}O_4N$ 4-Keto-1-acetyl-3-veratrylidene-1:2:3:4-tetrahydroquinoline (CLEMO and JOHNSON), 2137.
- $C_{20}H_{19}O_7N$ *l*-Diacetyldi-3:4-methylenedioxyphenylhydroxyethylamine (READ and CAMPBELL), 2681.
- $C_{20}H_{21}O_4N$ 4-Keto-1-acetyl-3-homoveratryl-1:2:3:4-tetrahydroquinoline (CLEMO and JOHNSON), 2137.
- Sinactine, constitution of (GOTO and KITASATO), 1236.
- $C_{20}H_{22}O_4N_2$ 4-Keto-1-acetyl-3-homoveratryl-1:2:3:4-tetrahydroquinoline oxime (CLEMO and JOHNSON), 2137.
- $C_{20}H_{23}ON$ ω -Piperidino- ω -benzylacetophenone (STEVENS), 2117.
- $C_{20}H_{23}O_2N$ Ethyl dimethylaminobenzylcinnamates (SHOPPEE), 983.
- $C_{20}H_{23}O_5N$ Diacetyldi-*p*-methoxyphenylhydroxyethylamine (READ and CAMPBELL), 2677.
- $C_{20}H_{24}O_2N_2$ Quinine, dissociation constant of (PRIDEAUX and WINFIELD), 1587.
- $C_{20}H_{24}O_4N_2$ Diacetyl derivative of ethylenedi-*p*-methoxydiamine (BENNETT, MOSSES, and STATHAM), 1674.
- $C_{20}H_{24}O_5N_2$ α -Propyl glyceryl ether diphenylmethane (DAVIES, HEILRON, and OWENS), 2545.

20 IV

- $C_{20}H_{13}O_2BrS$ 6-Bromo-2:2'-dihydroxydi-1-naphthyl sulphide (STEVENSON and SMILES), 1744.
- $C_{20}H_{16}O_3N_5Ag$ Bis-*aa'*-dipyridylargentous nitrate (MORGAN and BURSTALL), 2596.
- $C_{20}H_{17}O_3NS$ Benzylideneaminophenyl *p*-toluenesulphonates (BELL), 1984.
- 2-*p*-Toluenesulphonyl-1-phenyldihydrobenzoxazole (BELL), 1984.
- $C_{20}H_{17}O_{12}N_6As_2$ Tris-*aa'*-dipyridylargentsoargentic nitrate (MORGAN and BURSTALL), 2597.
- $C_{20}H_{18}O_6N_2S_2$ Di-*p*-toluenesulphon-*m'*-nitroanilide (BELL), 1077.
- $C_{20}H_{19}O_4NS_2$ Di-*p*-toluenesulphonanilide (BELL), 1077.
- $C_{20}H_{19}O_5NS_2$ 2-*p*-Toluenesulphonoxy-*p*-toluenesulphonanilide (BELL), 1986.
- $C_{20}H_{20}O_4N_2S_3$ Phenyl-*p*-toluenesulphonimidodisulphine-*p*-toluenesulphonylimine (CLARKE, KENYON, and PHILLIPS), 1229.
- $C_{20}H_{20}N_4I_2Cu$ Tetrapyrindinocupric iodide (KING), 2314.
- $C_{20}H_{21}O_6NS$ Substance, from *p*-aldehydophenyltrimethyl ammonium methosulphate and diketohydrindene (ZAKI), 1083.
- $C_{20}H_{24}ONBr$ Phenacylbenzylpiperidinium bromide (STEVENS), 2117.
- $C_{20}H_{30}I_4S_2Hg$ Phenyl-diethylsulphonium mercuritetraiodide (BALFE, KENYON, and PHILLIPS), 2564.
- $C_{20}H_{30}I_8S_2Hg_3$ Phenyl-diethylsulphonium trimercurioctaoidide (BALFE, KENYON, and PHILLIPS), 2564.

20 V

- $C_{20}H_{16}O_8N_4S_2Ag$ Bis-*aa'*-dipyridylargentic persulphate (MORGAN and BURSTALL), 2596.
- $C_{20}H_{16}O_8N_4S_2Ag$ Bis-*aa'*-dipyridylargentic hydrogen sulphate (MORGAN and BURSTALL), 2598.
- $C_{20}H_{24}O_4Cl_2S_2Pt$ Dichlorobis-(*p*-carboxybenzyl ethyl sulphide) platinum (MANN), 1751.
- $C_{20}H_{25}O_2N_2Cl_3I_2$ Quinine tetrachloroiodide (CHATTAWAY and PARKES), 1003.

 C_{21} Group.

- $C_{21}H_{12}O_2$ 10-Hydroxyphenanthraxanthone (BAKER), 267.
- $C_{21}H_{12}O_5$ 6:7:10-Trihydroxyphenanthraxanthone (BAKER), 265.
- $C_{21}H_{14}O$ Fluorenylideneacetophenone (STEVENS), 2116.
- $C_{21}H_{14}O_5$ Benzoyl-1:2:3-trihydroxyanthrone (CROSS and PERKIN), 303.
- $C_{21}H_{16}O_2$ 2-Methoxy-1:2'-dinaphthyl ether (WARREN and SMILES), 962.

- C₂₁H₁₆O₅** 6-Hydroxy 2-benzoyloxy-4-benzyloxybenzaldehyde (BRADLEY, ROBINSON, and SCHWARZENBACH), 806.
 3-Methoxy-4:5-diphenylmethylenedioxybenzoic acid (BRADLEY, ROBINSON, and SCHWARZENBACH), 813.
 Methyl 5-hydroxy-3:4-diphenylmethylenedioxybenzoate (BRADLEY, ROBINSON, and SCHWARZENBACH), 812.
- C₂₁H₁₇N₃** 1:2-Diphenyl-5-benzyl-1:3:4-triazole (BHAGAT and RÂY), 2358.
 2:5-Diphenyl-1-tolyl-1:3:4-triazoles (BHAGAT and RÂY), 2358.
- C₂₁H₁₆O₈** 3:4:6-Triacetoxy-2-*p*-methoxyphenylcoumarone (BAKER), 1018.
- C₂₁H₂₀O₉** 2- β -Glucosidoxy-1-methoxyanthraquinone (ROBERTSON), 1140.
 Rubiadin glucoside (JONES and ROBERTSON), 1707.
- C₂₁H₂₀O₁₀** Carthamin, constitution of (KURODA), 752, 765.
- C₂₁H₂₄O₁₀** Phloridzin (+ 2H₂O), constitution of (JOHNSON and ROBERTSON), 21.
- C₂₁H₂₆O** Diphenylmethyl *l*- β -octyl ether (RULE and BAIN), 1900.
- C₂₁H₃₈O₂** γ - Δ^8 -Heptadecenylbutyrolactone (ROBINSON), 750.
- C₂₁H₃₈O₃** *trans*-4-Keto- Δ^{12} -heneicosenoic acid (ROBINSON), 750.
- C₂₁H₄₂O** Octadecyl allyl ether (DAVIES, HEILBRON, and OWENS), 2546.
- C₂₁H₄₄O₃** α -Octadecyl glyceryl ether (DAVIES, HEILBRON, and OWENS), 2546.

21 III

- C₂₁H₁₅O₅N** 7-Hydroxy-2-phenyl-3-*o*-nitrophenylbenzo- γ -pyrone (BAKER), 267.
 7-Methoxy-3-phenyl-2-*o*-nitrophenylbenzo- γ -pyrone (BAKER), 266.
- C₂₁H₁₄OCl₂** 1:4-Dichloro-10-benzyl-9-anthrone (BARNETT and GOODWAY), 1351.
- C₂₁H₁₅OBr** Bromofluorenylacetophenone (STEVENS), 2116.
- C₂₁H₁₅O₄Cl** 3-Methoxy-4:5-diphenylmethylenedioxybenzoyl chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 813.
- C₂₁H₁₆O₃S** 3-Hydroxy-2-phenylthionaphthen 1:1-dioxide benzyl ether (COHEN and SMILES), 411.
- C₂₁H₁₆O₄S** *iso*- β -Naphthol *s*-methylsulphone (WARREN and SMILES), 961.
- C₂₁H₁₇ON₃** 2:5-Diphenyl-1-*p*-methoxyphenyl-1:3:4-triazole (BHAGAT and RÂY), 2358.
- C₂₁H₁₇OCl** 9-Phenyl-2:7-dimethylxanthhydrol chloride (REILLY and DRUMM), 457.
- C₂₁H₁₇OBr₃** 9-Phenyl-2:7-dimethylxanthhydrol tribromide (REILLY and DRUMM), 457.
- C₂₁H₂₂O₂N₂** Strychnine (ASHLEY, PERKIN, and ROBINSON), 382; (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1769.
- C₂₁H₂₃ON** 5-Benzoyloctahydroheptaquinoline (PLANT and ROSSER), 1843.
- C₂₁H₂₄ON₂** 5-Phenylcarbamyloctahydroheptaquinolines (PLANT and ROSSER), 1843.
- C₂₁H₂₄O₄N₂** *Bisapomethyl*dihydrobrucine (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1771.
- C₂₁H₂₅O₇Br₃** Tribromonorbarbaloin pentamethyl ether (GIBSON and SIMONSEN), 560.
- C₂₁H₂₆O₅N₂** α -Butyl glyceryl ether diphenylurethane (DAVIES, HEILBRON, and OWENS), 2545.
- C₂₁H₃₅ON** *neo*Menthylamino-*d*-methyleneamphors (READ and STEELE), 2432.

21 IV

- C₂₁H₁₄O₂N₂S** 1:3-Diphenylthionaphthapyrazole 5:5-dioxide (COHEN and SMILES), 410.
- C₂₁H₁₆O₂NBr** 1-Carbomethoxyanthranilpyridinium bromide (COULSON), 1935.
- C₂₁H₂₃O₅Cl₄Fe** 3:7:3':4'-Tetramethoxy-5:8-dimethylflavylium ferrichloride (ROBERTSON and STEPHENSON), 318.

21 V

$C_{21}H_{23}O_2N_2Cl_4I$ Strychnine tetrachloroiodide (CHATTAWAY and PARKES), 1004.

 C_{22} Group.

- $C_{22}H_{14}O_3$ 10-Methoxyphenanthraxanthone (BAKER), 266.
 $C_{22}H_{16}O_2$ Acenaphthanthranyl acetate (COOK), 1095.
 $C_{22}H_{16}O_2$ 5:7:4'-Triacetoxy-3'-methoxyflavone (LOVECY, ROBINSON, and SUGA-SAWA), 822.
 $C_{22}H_{16}O_5$ Methyl 3-methoxy-4:5-diphenylmethylenedioxybenzoate (BRADLEY, ROBINSON, and SCHWARZENBACH), 813.
 $C_{22}H_{16}O_8$ 2:3:4-Triacetoxy-9-anthranyl acetate (CROSS and PERKIN), 300.
 $C_{22}H_{19}N_3$ 2-Phenyl-1-*m*-tolyl-5-benzyl-1:3:4-triazole (BHAGAT and RÂY), 2358.
 $C_{22}H_{22}O_4$ Ethyl 1-phenyl-4-benzylcyclohexane-3:5-dione-2-carboxylate (MATTAR, HASTINGS, and WALKER), 2458.
 $C_{22}H_{26}O_4$ Ethyl *meso*- β - γ -diphenyladipate (OOMMEN and VOGEL), 2152.
 $C_{22}H_{26}O_2$ *d*- β -Octyl diphenylacetate (RULE and BAIN), 1900.
 $C_{22}H_{34}O_8$ Ethyl 1:2-dimethylbicyclohexane-4:5-dimalonate (CAWLEY, EVANS, and FARMER), 526.
 $C_{22}H_{36}O_8$ Ethyl 1:2-dimethylcyclohexane-4:5-dimalonate (CAWLEY, EVANS, and FARMER), 527.

22 III

- $C_{22}H_{16}O_5N$ 7-Methoxy-2-phenyl-3-*o*-nitrophenylbenzo- γ -pyrone (BAKER), 268.
 $C_{22}H_{16}O_8Cl$ Benzoyldelphinidin chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 801.
 $C_{22}H_{16}O_4N_2$ ω -Diazo-3-methoxy-4:5-diphenylmethylenedioxyacetophenone (BRADLEY, ROBINSON, and SCHWARZENBACH), 813.
 $C_{22}H_{16}N_2S$ 1-Methyl- β naphthylamino- α -naphthathiazole (HUNTER and JONES), 947.
 1- β -Naphthylimino-2-methyl-1:2-dihydro- α -naphthathiazole (HUNTER and JONES), 947.
 $C_{22}H_{17}O_3N$ 7-Methoxy-3-phenyl-2-*o*-aminophenylbenzo- γ -pyrone (BAKER), 266.
 $C_{22}H_{16}O_2S$ *iso*- β -Naphthol sulphide dimethyl ether (WARREN and SMILES), 961.
 $C_{22}H_{18}O_3N_2$ Benzoylmethylbenzildioximes (BRADY and MUERS), 220.
 $C_{22}H_{18}O_4S$ *iso*-2-Naphtholsulphone dimethyl ether (WARREN and SMILES), 1329.
 $C_{22}H_{18}N_2S$ Methyl-*s*-di- β -naphthylthiocarbamide (HUNTER and JONES), 947.
 $C_{22}H_{19}ON_3$ 2:5-Diphenyl-1-*p*-ethoxyphenyl-1:3:4-triazole (BHAGAT and RÂY), 2358.
 2-Phenyl-1-*p*-methoxyphenyl-5-benzyl-1:3:4-triazole (BHAGAT and RÂY), 2358.
 $C_{22}H_{26}O_6N_2$ 2:5-Diketo-3:6-di-*m*-acetoxybenzylpiperazine (DICKINSON and MARSHALL), 2292.
 $C_{22}H_{26}O_6Cu$ Copper dehydroangustione (GIBSON, PENFOLD, and SIMONSEN), 1198.
 $C_{22}H_{30}O_6Cu$ Copper angustione (GIBSON, PENFOLD, and SIMONSEN), 1192.
 $C_{22}H_{34}O_8Br_2$ Ethyl 1:2-dimethylcyclohexane-4:5-dibromodimalonate (CAWLEY, EVANS, and FARMER), 529.

22 IV

- $C_{22}H_{14}O_6N_2Br_4$ 2:5-Diketo-3:6-di-(3':5'-dibromoacetoxybenzylidene)piperazines (DICKINSON and MARSHALL), 2291.
 $C_{22}H_{18}O_6N_2Br_4$ 2:5-Diketo-3:6-di-(3':5'-dibromo-2'-acetoxybenzyl)piperazine (DICKINSON and MARSHALL), 2291.
 $C_{22}H_{19}O_5N_3Cl_2$ 2:2'-Dichloro-3:3'-dimethoxybenzoïn *p*-nitrophenylhydrazone (HODGSON and ROSENBERG), 17.

$C_{22}H_{22}O_2N_2S$ 2-*p*-Dimethylaminobenzylideneaminophenyl *p*-toluenesulphonate (BELL), 1985.
2-*p*-Toluenesulphonyl-1-dimethylaminophenyldihydrobenzoxazole (BELL), 1985.

22 V

$C_{22}H_{25}O_2N_2Cl_4I$ *N*-Methylstrychnine tetrachloroiodide (CHATTAWAY and PARKES), 1005.

$C_{22}H_{30}O_2I_4S_2Cd$ Phenacylmethylethylsulphonium cadmitetraiodides (BALFE, KENYON, and PHILLIPS), 2571.

$C_{22}H_{30}O_2I_4S_2Hg$ Phenacylmethylethylsulphonium mercuritetraiodides (BALFE, KENYON, and PHILLIPS), 2568.

C₂₃ Group.

$C_{23}H_{18}O_6$ *O*-Benzyldiosmetin (LOVECY, ROBINSON, and SUGASAWA), 819.
5:7-Dihydroxy-4'-benzyloxy-3'-methoxyflavone (LOVECY, ROBINSON, and SUGASAWA), 821.

$C_{23}H_{20}O_{10}$ Acetylcarthamidins (KURODA), 761.

$C_{23}H_{20}O_{11}$ Triethylcarbonatoanthragalol (CROSS and PERKIN), 303.

$C_{23}H_{30}O$ *l*-Menthyl diphenylmethyl ether (RULE and BAIN), 1899.

$C_{23}H_{32}O_4$ Anhydrodigoxigenin (SMITH), 2479.

$C_{23}H_{34}O_5$ Digoxigenin (SMITH), 509, 2478.

$C_{23}H_{34}O_5$ *iso*Digoxigenin (SMITH), 2481.

$C_{23}H_{34}O_6$ *iso*Digoxigeninic acid (SMITH), 2481.

$C_{23}H_{36}O_5$ Dihydrodigoxigenin (SMITH), 2480.

23 III

$C_{23}H_{17}O_2Cl$ 5-*O*-Benzoyl-3'-*O*-methyldehphinidin chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 814.

$C_{23}H_{18}O_2N_2$ Di-(α -cyanobenzoyloxyphenyl)methane (BAKER and NEW), 1275.

$C_{23}H_{18}O_6S$ Phenacyl-*o*-carbophenacylphenylsulphone (COHEN and SMILES), 409.

$C_{23}H_{21}ON$ ω -Dimethylamino- ω -fluorenylacetophenone (STEVENS), 2115.

$C_{23}H_{21}ON_3$ 4-Benzidino-6-methoxy-2-methylquinoline (SLATER), 1213.

$C_{23}H_{23}ON$ ω -Dimethylamino- ω -benzhydrylacetophenone (STEVENS), 2115.

$C_{23}H_{23}O_2N$ Benzylidenedi-*p*-methoxyphenylhydroxyethylamine (READ and CAMPBELL), 2677.

$C_{23}H_{26}O_4N_2$ Brucine (ASHLEY, PERKIN, and ROBINSON), 382; (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1769.

$C_{23}H_{26}O_3N_2$ Ethyl di(hydroxymethyl)malonate diphenylcarbamate (WELCH), 259.

$C_{23}H_{28}O_4N_2$ Dihydrobrucine (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1770.

$C_{23}H_{30}O_3N_2$ Dihydrobrucidine (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1771.

$C_{23}H_{32}O_4N_2$ Hexahydrobrucine (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1772.

23 IV

$C_{23}H_{21}O_4N_2As$ 4'-6''-Methoxy-2''-methyl-4''-quinolyaminodiphenylgarsinic acid (SLATER), 1214.

C₂₄ Group.

$C_{24}H_{16}$ 6-Phenyl-1:2-benzanthracene (COOK), 1092.

24 II

$C_{24}H_{18}O$ 1-*p*-Phenylbenzoyl-2-methylnaphthalene (COOK), 1092.

$C_{24}H_{18}O_5$ 6:7:10-Trimethoxyphenanthraxanthone (DAY), 264.

- $C_{24}H_{20}O_6$ ω -Acetoxy-3-methoxy-4:5-diphenylmethylenedioxyacetophenone (BRADLEY, ROBINSON, and SCHWARZENBACH), 813.
 $C_{24}H_{20}Si$ Tetraphenylsilicane, preparation of (KIPPING and SHORT), 1029.
 $C_{24}H_{24}N_4$ 1:4-Di-2'-methyl-4'-quinolyloypiperazine (KERMACK and SMITH), 1360.
 $C_{24}H_{30}O_{10}$ Trimethylphloridzin hydrate (JOHNSON and ROBERTSON), 24.
 $C_{24}H_{32}O_{15}$ Hexa-acetyl cellobial (HAWORTH, HIRST, STREIGHT, THOMAS, and WEBB), 2638.
 $C_{24}H_{34}O_{16}$ Hexa-acetyl deoxycellulose (HAWORTH, HIRST, STREIGHT, THOMAS, and WEBB), 2638.

24 III

- $C_{24}H_{17}O_3N$ 2-Benzoxo- α -naphthanilide (BELL), 1986.
 $C_{24}H_{19}O_7N$ 7-Methoxy-3-phenyl-2-(6-nitro-3:4-dimethoxyphenyl)benzo- γ -pyrone (BAKER), 263.
 Piperonylidene-*dl*-di-3:4-methylenedioxyphenylhydroxyethylamine (READ and CAMPBELL), 2680.
 $C_{24}H_{20}ON_2$ Dimethyldiphenylazo- β -naphthols (MORGAN and WALLS), 1507.
 $C_{24}H_{21}O_5N$ 7-Methoxy-3-phenyl-2-(6-amino-3:4-dimethoxyphenyl)benzo- γ -pyrone, and its salts (BAKER), 264.
 $C_{24}H_{25}O_4N$ Anisylidene-*dl*-di-*p*-methoxyphenylhydroxyethylamine (READ and CAMPBELL), 2676.
 $C_{24}H_{36}O_4N_2$ Ethyl *r*-methylcyclohexyl-1-cyanoacetates (VOGEL and OOMMEN), 770.

24 IV

- $C_{24}H_{15}O_{12}N_5S_2$ 5:4'-Dinitro-2-di-*m*-nitrobenzenesulphonamidodiphenyl (BELL), 1075.
 $C_{24}H_{12}O_{10}N_4S_2$ Nitro-di-*m*-nitrobenzenesulphonamidodiphenyls (BELL), 1074.
 $C_{24}H_{19}O_4NS$ 2-*p*-Toluenesulphonoxynaphthanilides (BELL), 1985.
 $C_{24}H_{31}O_4N_2I$ Dihydrobrucine methiodide (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1771.

24 V

- $C_{24}H_{19}O_{11}N_3S_2AS$ 1-Benzamido-*m*-benzamido-3:6-disulpho-8-naphthol-4''-arsinous acid (GOUGH and KING), 680.
 $C_{24}H_{19}O_{12}N_3S_2AS$ 1-Benzamido-*m*-benzamido-3:6-disulpho-8-naphthol-4''-arsinic acid (GOUGH and KING), 681.

C₂₅ Group.

- $C_{25}H_{18}$ 10-Benzyl-1:2-benzanthracene (COOK), 1094.

25 II

- $C_{25}H_{18}O$ 10-Benzyloxy-1:2-benzanthracene (COOK), 1094.
 $C_{25}H_{20}O$ 10-Hydroxy-10-benzyl-9:10-dihydro-1:2-benzanthracene (COOK), 1093.
 $C_{25}H_{20}O_{10}$ γ -Acetylcarthamidin (KURODA), 762.
 $C_{25}H_{20}N_2$ Triphenylbenzenylamidin (CHAPMAN), 2461.
 $C_{25}H_{22}O_{11}$ β -Acetylcarthamidin (KURODA), 762.
 $C_{25}H_{31}N_3$ Hexamethyltriaminotriphenylmethane (HINKEL and DUNN), 1838.
 $C_{25}H_{44}O_4$ *l*-Menthyl dimethylmalonate (RULE and HARROWER), 2324.

25 III

- $C_{25}H_{17}N_2Cl_3$ Tri-*p*-chlorophenylbenzenylamidin (CHAPMAN), 2461.
 $C_{25}H_{18}N_2Cl_2$ Di-*p*-chlorodiphenylbenzenylamidines (CHAPMAN and PERROTT), 2466.
 $C_{25}H_{19}N_2Cl$ Diphenyl-*p*-chlorophenylbenzenylamidines (CHAPMAN and PERROTT), 2466.

$C_{25}H_{21}O_8Cl$ 5-*O*-Benzoyl-7:3':5'-*O*-trimethyldehphinidin chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 807.

$C_{25}H_{21}N_2I$ 1:1'-Dimethylbenzisocyanine iodide (HAMER), 1002.

$C_{25}H_{25}O_2N_3$ Acetyl derivative of 4-benzidino-6-methoxy-2-methylquinoline (SLATER), 1214.

$C_{25}H_{21}N_3I$ Acenaphthpyridine-2-aldehyde methiodide *p*-dimethylaminoanil (HAMER), 999.

25 IV

$C_{25}H_{19}N_2ClS_2$ 2:2'-Dimethyl-5:6:5':6'-dibenzthiocyanine chloride (FISHER and HAMER), 2509.

$C_{25}H_{19}N_2BrS_2$ 2:2'-Dimethyl-5:6:5':6'-dibenzthiocyanine bromide (FISHER and HAMER), 2509.

$C_{25}H_{19}N_2IS_2$ 2:2'-Dimethyl-5:6:5':6'-dibenzthiocyanine iodide (FISHER and HAMER), 2509.

$C_{25}H_{34}O_8N_2S$ Dihydrobrucine methosulphate (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1770.

C₂₆ Group.

$C_{26}H_{32}O_6$ Substance, from 1:1:3-trimethyl- Δ^2 -cyclohexene-4:6-dione and piperonal (GIBSON, PENFOLD, and SIMONSEN), 1194.

$C_{26}H_{36}O_6$ Substance, from 1:1:3-trimethylcyclohexane-4:6-dione and piperonal (GIBSON, PENFOLD, and SIMONSEN), 1196.

$C_{26}H_{40}O$ Ergosterol, hydrogenation and fractionation of (SPRING), 2666.

26 III

$C_{26}H_{20}O_2N_2$ Substance, from benzeneazo- β -naphthol and β -naphthol (HODGSON and ROSENBERG), 2787.

$C_{26}H_{20}O_2S$ 9-Phenyl-9-fluorenyl-*p*-tolylsulphone (INGOLD and JESSOP), 711.

$C_{26}H_{23}N_2I$ Methylenebenzisocyanine iodide (HAMER), 1002.

$C_{26}H_{25}O_{12}Br_3$ Tribromopenta-acetylnorbarbaloin (GIBSON and SIMONSEN), 560.

$C_{26}H_{25}N_2I$ 2-*p*-Dimethylaminostyrylacenaphthpyridine methiodide (HAMER), 999.

$C_{26}H_{27}O_5Br_3$ Tribromobarbaloin pentamethyl ether (GIBSON and SIMONSEN), 559.

$C_{26}H_{28}O_2N_4$ 1:4-Di-6'-methoxy-2'-methyl-4'-quinolylpiperazine (KERMACK and SMITH), 1360.

26 V

$C_{26}H_{21}O_4NBr_2S_2$ Dibromo-4-di-*p*-toluenesulphonamidodiphenyls (BELL), 1076.

C₂₇ Group.

$C_{27}H_{20}$ 10-Benzylacenaphthanthracene (COOK), 1095.

27 II

$C_{27}H_{22}O_8$ 5:7-Diacetoxy-4'-benzyloxy-3'-methoxyflavone (LOVECY, ROBINSON, and SUGASAWA), 821.

$C_{27}H_{24}N_2$ Di-*p*-tolylphenylbenzenylamidines (CHAPMAN and FERROTT), 2466.

$C_{27}H_{28}O_{12}$ Benzoylquinol tetra-acetyl glucoside (ROBERTSON and WATERS), 2732.

$C_{27}H_{30}O_3$ Substance, from sodioacetophenone and methyl iodide in benzene (KUSSELL), 320.

$C_{27}H_{32}O$ Triphenylmethyl *l*- β -octyl ether (RULE and BAIN), 1899.

$C_{27}H_{36}O_5$ Diacetylanhydrodigoxigenin (SMITH), 2480.

$C_{27}H_{38}O_7$ Diacetyldigoxigenins (SMITH), 2479, 2481.

- $C_{27}H_{38}O_{18}$ Hepta-acetyl 4-galactosido- α -methylmannoside (HAWORTH, HIRST, PLANT, and REYNOLDS), 2648.
 Hepta-acetyl 4-glucosido- α -methylmannoside (HAWORTH, HIRST, STREIGHT, THOMAS, and WEBB), 2641.
 $C_{27}H_{40}O_7$ Diacetyldihydrodigoxigenin (SMITH), 2480.
 $C_{27}H_{48}O_4$ *l*-Menthyl diethylmalonate (RULE and HARROWER), 2325.

27 III

- $C_{27}H_{12}O_3N_2$ ω -Cyano- ω -piperonylideneacetanilide (ISHAQ and RÂY), 2740.
 $C_{27}H_{23}N_2I$ ψ -Cyanine from 2-methylacenaphthpyridine methiodide and 2-iodoquinoline (HAMER), 1000.
*iso*Cyanine from 2-methylacenaphthpyridine methiodide and quinoline methiodide (HAMER), 1000.

27 IV

- $C_{27}H_{22}O_2N_4S$ 3-Keto-2-benzoyl-2:3-dihydrothionaphthen diphenylhydrazone (COHEN and SMILES), 410.
 $C_{27}H_{23}N_2ClS_2$ 2:2'-Diethyl-5:6:5':6'-dibenzthiocyanine chloride (FISHER and HAMER), 2508.
 $C_{27}H_{23}N_2BrS_2$ 2:2'-Diethyl-5:6:5':6'-dibenzthiocyanine bromide (FISHER and HAMER), 2508.
 $C_{27}H_{23}N_2IS_2$ 2:2'-Diethyl-5:6:5':6'-dibenzthiocyanine iodide (FISHER and HAMER), 2509.
 $C_{27}H_{24}O_6N_3Co$ Cobalt oximinopropiophenone (HEY), 21.
 $C_{27}H_{42}O_{11}N_2S_2$ Dihydrobrucidine dimethosulphate (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1772.

 C_{28} Group.

- $C_{28}H_{16}O_7$ Dibenzoylanthragallo (CROSS and PERKIN), 303.
 $C_{28}H_{20}Cl_2$ 1:4-Dichloro-10-benzylidene-9:10-dihydroanthracene (BARNETT and GOODWAY), 1352.
 $C_{28}H_{26}N_2$ Tri-*p*-tolylbenzenylamidine (CHAPMAN), 2461.
 $C_{28}H_{32}O_2$ *d*- β -Octyl triphenylacetate (RULE and BAIN), 1901.
 $C_{28}H_{38}O_{19}$ Octa-acetyl 4-glucosido- α -mannose (HAWORTH, HIRST, STREIGHT, THOMAS, and WEBB), 2643.

28 III

- $C_{28}H_{18}O_7S_2$ 3-Keto-2-phenyl-2:3-dihydrothionaphthen 1:1-dioxide 2-oxide (COHEN and SMILES), 413.
 $C_{28}H_{19}O_3N$ 2- β -Naphthoxy- β -naphthanilide (BELL), 1985.
 $C_{28}H_{20}O_3S$ Benzoyl derivative of *iso*- β -naphthol sulphide methyl ether (WARREN and SMILES), 960.
 $C_{28}H_{20}O_3S$ Benzoyl derivative of *iso*- β -naphthol *S*-methylsulphone (WARREN and SMILES), 961.
 $C_{28}H_{21}OCl$ Chloro-10:10-dibenzylanthrones (BARNETT and GOODWAY), 1350.
 $C_{28}H_{22}OCl_2$ 1:4-Dichloro-9:10-dibenzyl-9:10-dihydroanthranol (BARNETT and GOODWAY), 1352.
 $C_{28}H_{24}O_2N_4$ 6:7-Methylenedioxy-1-benzylphthalazine diphenylhydrazone (AGGARWAL, KHERA, and RÂY), 2357.
 $C_{28}H_{25}N_2I$ ψ -Cyanine from 2-methylacenaphthpyridine methiodide and 2-iodoquinoline ethiodide (HAMER), 1001.
*iso*Cyanine from 2-methylacenaphthpyridine methiodide and quinoline ethiodide (HAMER), 1000.
 $C_{28}H_{26}ON_4$ 4-Methoxy-2-phenylacetylbenzaldehyde diphenylhydrazone (AGGARWAL, KHERA, and RÂY), 2356.

$C_{28}H_{29}O_{10}Br_3$ Acetyltribromobarbaloin pentamethyl ether (GIBSON and SIMONSEN), 560.

$C_{28}H_{30}O_9N_4$ *p*- β -Carbethoxy- γ -phenylallylphenyldimethylethylammonium picrate (SHOPPEE), 984.

28 IV

$C_{28}H_{22}O_4N_4Co$ Cobalt α -benzildioxime (BRADY and MUERS), 1603.

C₂₉ Group.

$C_{29}H_{28}O_{13}$ 3-*O*-Tetra-acetyl- β -glucosidoxy-1-hydroxy-2-methylantraquinone (JONES and ROBERTSON), 1707.

$C_{29}H_{28}O_{14}$ 2-*O*-Tetra-acetyl-2- β -glucosidoxy-1-methoxyantraquinone (ROBERTSON), 1139.

$C_{29}H_{32}O$ *d*-Bornyl triphenylmethyl ether (RULE and BAIN), 1899.

$C_{29}H_{48}O_2$ Ergostenyl acetates (SPRING), 2666.

29 III

$C_{29}H_{40}O_6N_2$ α -Laurin $\beta\gamma$ -diphenylurethane (FAIRBOURNE), 380.

C₃₀ Group.

$C_{30}H_{26}O_7$ Benzylvanillic anhydride (LOVECY, ROBINSON, and SUGASAWA), 820.

O-Benzylisovanillic anhydride (LOVECY, ROBINSON, and SUGASAWA), 819.

$C_{30}H_{30}O_{13}$ 3-*O*-Tetra-acetyl- β -glucosidoxy-1-methoxy-2-methylantraquinone (JONES and ROBERTSON), 1708.

30 IV

$C_{30}H_{24}O_8N_8Ag$ Tris- $\alpha\alpha'$ -dipyridylargentic nitrate (MORGAN and BURSTALL), 2597.

$C_{30}H_{26}O_4N_4Ni$ Nickel *O*-methyl- α -benzildioxime (BRADY and MUERS), 1602.

$C_{30}H_{30}N_6I_2Cu$ Hexapyridinocupric iodide (KING), 2314.

$C_{30}H_{32}O_6N_2S_2$ *p*-Toluenesulphonyl derivative of ethylenedi-*p*-methoxyphenyldiamine (BENNETT, MOSSES, and STATHAM), 1674.

30 V

$C_{30}H_{24}O_8N_6Cl_2Ag$ Tris- $\alpha\alpha'$ -dipyridylargentic chloride (MORGAN and BURSTALL), 2597.

$C_{30}H_{24}O_8N_6Cl_2Ag$ Tris- $\alpha\alpha'$ -dipyridylargentic perchlorate (MORGAN and BURSTALL), 2598.

C₃₁ Group.

$C_{31}H_{31}ON$ 4'-Diethylamino-9:9-diphenyl-2:7-dimethylxanthen (REILLY and DRUMM), 457.

C₃₂ Group.

$C_{32}H_{27}O_{15}Br_3$ Acetyltribromobarbaloin (GIBSON and SIMONSEN), 559.

32 IV

$C_{32}H_{36}O_5Cl_2Te_2$ Bis-*p*-phenetyl tellurioxychloride (MORGAN and BURSTALL), 2600.

C₃₃ Group.

$C_{33}H_{50}O_5N_2$ Cetyl glyceryl ether diphenylurethane (DAVIES, HEILBRON, and OWENS), 2546.

$C_{33}H_{54}O_5N_2$ α -Octadecyl glyceryl ether diphenylurethane (DAVIES, HEILBRON, and OWENS), 2546.

33 V

- $C_{33}H_{45}O_3Cl_7S_3Hg_2$ Phenacylmethylethylsulphonium dimereuriheptachloride (BALFE, KENYON, and PHILLIPS), 2570.
 $C_{33}H_{45}O_3I_5S_3Cd$ Phenacylmethylethylsulphonium cadmipentaidides (BALFE, KENYON, and PHILLIPS), 2571.

C₃₄ Group.

- $C_{34}H_{24}Cl_2$ 1:8-Dichloro-9-benzyl-10-benzhydrylanthracene (BARNETT and GOODWAY), 1351.
 $C_{34}H_{42}O_{20}$ *O*-Octa-acetyl β -*m*-phenyleneglucoside (ROBERTSON and WATERS), 2731.

34 IV

- $C_{34}H_{36}N_2S_6Ni$ Bisdibenzylthioethanenickel thiocyanate (BENNETT, MOSSES, and STATHAM), 1674.

C₃₅ Group.

- $C_{35}H_{20}O_8$ Tribenzoylanthragallol (CROSS and PERKIN), 302.

35 III

- $C_{35}H_{32}O_2N_4$ *pp'*-Di-6'-methoxy-2'-methyl-4'-quinolyldiaminodiphenylmethane (SLATER), 1215.

C₃₆ Group.

- $C_{36}H_{30}O_{11}$ 3-Keto-6:3':6'-triacetoxy-2:2'-di-*p*-methoxyphenyl-2:3'-dicoumaranyl (BAKER), 1019.

C₄₁ Group.

- $C_{41}H_{64}O_{14}$ Digoxin (SMITH), 508.

C₄₂ Group.

- $C_{42}H_{44}O_{22}$ Alizarin octa-acetyl maltoside (ROBERTSON), 1141.

C₄₃ Group.

- $C_{43}H_{46}O_{22}$ 1:3-*O*-Octa-acetyl- β -diglucosidoxy-2-methylantraquinone (JONES and ROBERTSON), 1708.

C₄₅ Group.

- $C_{45}H_{39}O_6N_6Co$ Cobalt *O*-methyl- α -benzildioxime (BRADY and MUERS), 1601.

C₅₀ Group.

- $C_{50}H_{46}O_{16}N_{10}S_4Ag_2$ Pentakis-*aa'*-dipyridyldiargentic persulphate (MORGAN and BURSTALL), 2596.