

FORMULA INDEX.

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

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

The compounds are arranged—

Firstly, in groups according to the number of carbon atoms (thus C_1 group, C_2 group, etc.).

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

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

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

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

C_1 Group.

CH_4 Methane, propagation of flame in mixtures of air and (CHAPMAN and WHEELER), 38.

CO Carbon monoxide, decomposition of, in the corona discharge (LUNT and VENKATESWARAN), 857; explosions of air and (ELLIS and WHEELER), 156; ignition of mixtures of hydrogen and air (MAXWELL, PAYMAN, and WHEELER), 297.

CO_2 Carbon dioxide, determination of, in soil solutions (FLINT), 2975.

CS_2 Carbon disulphide, ignition of (WHITE), 793.

1 II

CH_2O Formaldehyde, condensation of, with glyoxalines (GRINDLEY and PYMAN), 3128.

$COCl_2$ Carbonyl chloride, thermal dissociation of (INGLESON), 2244.

1 III

$CHNS$ Thiocyanic acid, ferric salt (BAILEY), 2065.

CH_2ON_4 Carbohydrazide, reactions of (BROWN, PICKERING, and WILSON), 107.

C_2 Group.

C_2H_2 Acetylene, action of nitric acid on (MCKIE), 962.

C_2H_4 Ethylene, action of nitric acid on (MCKIE), 962.

2 II

$C_2H_2O_4$ Oxalic acid, formation of, from sugars (CHALLENGER, SUBRAMANIAM, and WALKER), 200; (WALKER, SUBRAMANIAM, and CHALLENGER), 3044.

$C_2H_4O_2$ Acetic acid, purification of (ORTON and BRADFELD), 983; equilibria of, with its copper and lead salts and water (SANDVED), 2967.

C_2H_5I Ethyl iodide, preparation of (JONES and GREEN), 923.

C_2H_5O Ethyl alcohol, surface tension of (MILLS and ROBINSON), 1823; dehydration of (SMITH), 1288; effect of temperature on solubility in aqueous mixtures of (WRIGHT), 1334; determination of water in (SMITH), 1284.

2 III

- C_2HOCl_3 Chloral, action of, with arylhydrazines (CHATTAWAY and BENNETT), 2850; condensation of *p*-hydroxybenzoic acid with (CHATTAWAY and PRATS), 685; condensation of, with phenol (CHATTAWAY and MORRIS), 2013.
 $C_2H_2O_6Mo$ Oxalomolybdous acid, barium salt (JAMES and WARDLAW), 2152.

2 IV

- $C_2H_2O_2ClI$ Chloroiodoacetic acid, resolution of, and its salts (MCMATH and READ), 537.
 $C_2H_8ON_2Cu$ Ethylenediamminocupric hydroxide, hydrated sulphite of (MORGAN and BURSTALL), 1266.

C₃ Group.

- C_3O_2 Carbon suboxide, properties of (EDWARDS and WILLIAMS), 855.

3 II

- C_3H_6O Acetone, autocatalytic reaction between iodine and (DAWSON), 458.
 $C_3H_6O_2$ Methyl acetate, vapour pressures of mixtures of, with water and with sucrose and water (MCKEOWN and STOWELL), 97.
 $C_3H_6O_3$ *dl*-Glyceraldehyde, preparation and properties of (REEVES), 2477.
 C_3H_9N Trimethylamine, action of, with benzyl and nitrobenzyl chlorides (MC-COMBIE, SCARBOROUGH, and SMITH), 802.

3 III

- C_3H_5OBr α -Bromoacraldehyde (FARMER and HEALEY), 1066.
 $C_3H_9N_2Br$ β -Bromo- α -diaminopropane, complex nickel salts of (MANN), 2912.
 $C_3H_9N_3S$ *S*-Ethylthiosemicarbazide, dihydrochloride of (BAIRD, BURNS, and WILSON), 2529.
 $C_3H_{10}ON_2$ α γ -Diaminoisopropyl alcohol, complex nickel salts of (MANN), 2913.

3 IV

- $C_3H_4O_3N_2S$ Glyoxaline-2-sulphonic acid, and its barium salt (BARNES and PYMAN), 2712.
 $C_3H_9Cl_2Hg_3$ Substance, from mercuric chloride and magnesium methyl iodide (HENRY and SHARP), 1949.
 $C_3H_{11}N_3Cl_4Pt$ Trichlorotriaminopropaneplatinic chloride (MANN), 1231.
 $C_3H_{12}N_3Cl_5Pt$ Tetrachloro(triaminopropanehydrochloride)platinum (MANN), 1229.

3 V

- $C_3H_{10}ONCl_4Mo$ Trimethylammonium molybdenyl tetrachloride (JAMES and WARDLAW), 2151.

C₄ Group.

- $C_4H_6O_3$ Acetic anhydride, action of bromine on (ORTON, WATSON, and HUGHES), 2458; (WATSON), 3065; estimation of, in acetic acid (ORTON and BRADFIELD), 983.
 $C_4H_6O_8$ Dihydroxytartaric acid, action of halogenated phenylhydrazines on (CHATTAWAY and HUMPHREY), 1323; action of tolylhydrazines on (CHATTAWAY and HUMPHREY), 2793.
 $C_4H_8O_2$ Ethyl acetate, hydrolysis of (DAWSON and LOWSON), 2107, 2444.
 $C_4H_{10}O$ Ethyl ether, viscosity of, at low temperatures (ARCHIBALD and URF), 610; propagation of flame in mixtures of air and (WHITE), 498; action of, on silicon tetrachloride (KIPPING and MURRAY), 2734.
 $C_4H_{12}N_2$ β -Methyltrimethylenediamine, dihydrohalides and complex salts of (MANN), 2916.

4 III

- $C_4H_6O_2Cl_2$ Succinylchloride, surface tension and density of (GARNER and SUGDEN), 2880.

$C_4H_6O_2Hg_2$ Substance, from heating mercuric acetate and sodium acetate (MARSH and STRUTHERS), 2659.

$C_4H_6O_4Cu$ Cupriglycollic acid, sodium salt (WARK), 1757.

$C_4H_8O_2S_2$ β -Dithian dioxide (BELL and BENNETT), 1801.

$C_4H_8N_2S$ *S*-Allylthiosemicarbazide, dihydrochloride of (BAIRD, BURNS, and WILSON), 2529.

$C_4H_{10}OS$ Methyl γ -hydroxypropyl sulphide (BENNETT and HOCK), 2498.

$C_4H_{10}O_2S_2$ Dimethylethylene disulphoxides (BELL and BENNETT), 1803.

$C_4H_{10}O_3S$ α -Methylpropanesulphonic acid, and its salts (EVANS, MABBOTT, and TURNER), 1167.

$C_4H_{10}NCl$ β -Chlorodimethylethylamine, picrate of (HANHART and INGOLD), 1013.

$C_4H_{11}N_2S$ *S*-Propylthiosemicarbazide, dihydrochloride of (BAIRD, BURNS, and WILSON), 2529.

4 IV

$C_4H_5ON_2Br$ Bromohydroxymethylglyoxaline, and its hydrochloride (GRINDLEY and PYMAN), 3131.

$C_4H_5OCl_2Br$ $\alpha\beta$ -Dichloro- β -bromovinyl ethyl ether (SMITH), 1100.

$C_4H_5OCl_2Br_2$ $\alpha\beta$ -Dichloro- $\alpha\beta\beta$ -tribromodiethyl ether (SMITH), 1101.

C_4H_5ONCl γ -Chloro- α -hydroxy-*n*-butyronitrile (CRAWFORD and KENYON), 400.

$C_4H_6O_2N_2S$ Methylglyoxaline-2-sulphinic acid (BALABAN and KING), 1871.

$C_4H_6O_2N_2S$ Methylglyoxaline-2-sulphonic acid, and its salts (BALABAN and KING), 1872.

4(5)-Methylglyoxaline-5(4)-sulphonic acid, and its salts (BARNES and PYMAN), 2713.

$C_4H_9O_2SNa$ Sodium *sec.*-butyl sulphate (EVANS, MABBOTT, and TURNER), 1167.

$C_4H_{10}ON_4Cu$ Bisethylenediamminocupric hydroxide, salts of (MORGAN and BURSTALL), 1264.

 C_5 Group.

$C_5H_{11}N$ Piperidine, use of, as an alkaline buffer (PRIDEAUX and GILBERT), 2164 ; as a reagent for halogenonitro-compounds (LE FÈVRE and TURNER), 1113.

$C_5H_{12}N$ Dimethyl-*n*-propylamine, and its picrate (HANHART and INGOLD), 1007, 1019.

5 III

$C_5H_5O_2Br$ Bromo- β -vinylacrylic acid (FARMER and HEALEY), 1063.

$C_5H_5O_2Br_2$ Dibromovinylacrylic acid (FARMER and HEALEY), 1062.

$C_5H_8ON_2$ 1-Methyl-2-hydroxymethylglyoxaline, and its picrate (GRINDLEY and PYMAN), 3135.

C_5H_8OS Penthian-4-one (BENNETT and SCORAH), 198.

$C_5H_{10}O_2N_4$ Diacetyl δ -aminosemicarbazone (BROWN, PICKERING, and WILSON), 110.

$C_5H_{12}N_2S$ *S*-Butylthiosemicarbazide, dihydrochloride of (BAIRD, BURNS, and WILSON), 2530.

5 IV

$C_5H_6O_2N_2S$ 2-Thiolmethylglyoxalinecarboxylic acid (BALABAN and KING), 1865.

C_5H_8ONS Penthian-4-one oxime (BENNETT and SCORAH), 199.

5 V

$C_5H_5O_2N_2SAu$ 2-Aurothiolmethylglyoxalinecarboxylic acid (BALABAN and KING), 1870.

$C_5H_6O_2NCl_2Mo$ Pyridinium molybdenum dioxydichloride (JAMES and WARDLAW), 2153.

$C_5H_{11}O_4N_3Cl_2Pt$ Chloro-oxalatotriaminopropaneplatinic chloride (MANN), 1232.

$C_5H_{13}O_4N_3Cl_4Pt$ Tetrachloro(triaminopropanehydrogenoxalate)platinum (MANN), 1231.

5 VI

C₆H₅O₂N₂ClSHg 2-Chloromercurithiolmethylglyoxalinecarboxylic acid (BALABAN and KING), 1871.

C₆ Group.

C₆H₆ Benzene, adsorption of vapour of, by glass, quartz, or platinum (LENHER), 272; partition of hydrochloric acid between water and (KNIGHT and HINSHELWOOD), 466.

$\Delta^{\alpha\epsilon}$ -Hexadien- γ -in (FARMER, LARROIA, SWITZ, and THORPE), 2948.

C₆H₈ Hexatriene, structure and behaviour of (FARMER, LARROIA, SWITZ, and THORPE), 2937.

C₆H₁₂ *cyclo*Hexane, photobromination of (WOOD and RIDEAL), 2466.

6 II

C₆H₄O₂ *p*-Benzoquinone, surface tension and density of (GARNER and SUGDEN), 2880.

C₆H₅Cl Benzyl chloride, action of trimethylamine with (MCCOMBIE, SCARBOROUGH, and SMITH), 802.

C₆H₅O Phenol, condensation of, with chloral (CHATTAWAY and MORRIS), 2013.

C₆H₆O₂ Quinol, crystal structure of (CASPARI), 1093.

Resorcinol, condensation of, with cinnamic acid (ELLISON), 1720.

C₆H₄O₃ Pyrogallol, condensation of, with cinnamic acid (ELLISON), 1720.

C₆H₇N Aniline, influence of salts on solubility of, in water (GLASSTONE, BRIDGMAN, and HODGSON), 635.

C₆H₇Br Bromohexatrienes (FARMER, LARROIA, SWITZ, and THORPE), 2948.

C₆H₇O₇ Citric acid, formation of, from sugars (CHALLENGER, SUBRAMANIAM, and WALKER), 200; (WALKER, SUBRAMANIAM, and CHALLENGER), 3044.

C₆H₈Br₂ Dibromohexadienes (FARMER, LARROIA, SWITZ, and THORPE), 2949.

C₆H₈Br₄ $\alpha\beta\gamma\delta$ -Tetrabromo- Δ^{ϵ} -hexene (FARMER, LARROIA, SWITZ, and THORPE), 2948.

C₆H₈Br₃ Tribromohexene (FARMER, LARROIA, SWITZ, and THORPE), 2947.

C₆H₁₀O₂ γ -Ethoxycrotonaldehyde (FARMER, LARROIA, SWITZ, and THORPE), 2952.

C₆H₁₀O₃ Ethyl acetoacetate, action of, with distyryl ketones (HEILBRON and HILL), 918.

C₆H₁₀O₈ Mucic acids, salts (PATTERSON and FULTON), 50.

C₆H₁₀N₂ 1:2:3-Trimethylglyoxaline, salts of (GRINDLEY and PYMAN), 3134.

C₆H₁₂O₂ Caproic acid, poisoning of charcoal surfaces with (WRIGHT), 2325.

C₆H₁₂O₈ Dextrose, mutarotation of, in aqueous alcohols (RICHARDS, FAULKNER, and LOWRY), 1733.

Galactose, structure of (HAWORTH, HIRST, and JONES), 2428.

Lævulose, structure of (HAWORTH, HIRST, and LEARNER), 1040.

C₆H₁₄O₂ *s*-Divinylglycol (FARMER, LARROIA, SWITZ, and THORPE), 2946.

C₆H₁₄O₆ Dimethyl γ -mannonolactone (GOODYEAR and HAWORTH), 3143.

C₆H₁₅N Dimethylisobutylamine, and its picrate (HANHART and INGOLD), 1017.

C₆H₁₆N₂ β -Aminotriethylamine, complex nickel salts of (MANN), 2910.

Dimethylethylethylenediamine, dipicrate of (HANHART and INGOLD), 1010.

6 III

C₆H₄O₃S Thionylpyrocatechol (GREEN), 501.

C₆H₄N₆Fe Hydroferrocyanic acid, calcium and sodium salts, equilibrium of water and (FARROW), 1153; potassium salt, solubility of, in water (VALLANCE), 1328.

C₆H₅OCl *m*-Chlorophenol, Reimer-Tiemann reaction with (HODGSON and JENKINSON), 1740.

C₆H₅O₃N *o*-Nitrophenol, iodination of (HODGSON), 1141.

- $C_6H_6O_3N_2$ 3-Nitro-2-aminophenol (KING), 1058.
 $C_6H_7O_2Br$ Bromosorbic acid (FARMER and HEALEY), 1064.
 Methyl bromo-*p*-vinylacrylate (FARMER and HEALEY), 1063.
 C_6H_7NS *o*-Aminothiophenol, condensation of, with $\alpha\beta$ -unsaturated acids (MILLS and WHITWORTH), 2738.
 $C_6H_8O_2Br_2$ Methyl β -vinylacrylate (FARMER and HEALEY), 1062.
 $C_6H_{10}ON_2$ Dimethylhydroxymethylglyoxalines, and their salts (GRINDLEY and PYMAN), 3132.
 $C_6H_{10}O_6Cu$ Cuprilactic acid, sodium salt (WARK), 1757.
 $C_6H_{10}N_2S$ 2-Ethylthiomethylglyoxaline, and its salts (BALABAN and KING), 1866.
 $C_6H_{12}O_4N_2$ *l*-Dimethoxysuccinamide (HAWORTH and JONES), 2352.
 $C_6H_{13}ON$ β -Hydroxylamino- $\beta\gamma$ -dimethyl- $\Delta\gamma$ -butene, hydrochloride of (EARL and KENNER), 2142.
 4-Hydroxy-1-methylpiperidine, and its salts (MILLS, PARKIN, and WARD), 2622.
 $C_6H_{13}O_4N$ Hydroxydimethoxybutyramide (AVERY, HAWORTH, and HIRST), 2313.
 $C_6H_{13}N_2S$ Acetone *s*-ethylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2529.
 $C_6H_{14}NCl$ β -Chlorodimethyldiethylamine, picrate of (HANHART and INGOLD), 1014.
 $C_6H_{15}ON$ β -Hydroxydimethyldiethylamine, picrate of (HANHART and INGOLD), 1013.
 $C_6H_{19}O_9N_8$ Picratopentamminocobaltic hydroxide, picrates of (DUFF and BILLS), 2371.

6 IV

- $C_6HO_4Cl_3S_2$ *s*-Trichlorobenzenedisulphonyl chloride (DAVIES and POWELL), 1124.
 $C_6H_7O_7N_3I$ 3-Iodo-2:4:6-trinitrophenol (HODGSON and MOORE), 635.
 $C_6H_8O_2NCl_2$ 3:5-Dichloro-4-nitrosophenol[-quinone-4-oxime] (HODGSON and WIGNALL), 2219.
 $C_6H_8O_3NCl_2$ 3:5-Dichloronitrophenols (HODGSON and WIGNALL), 2218.
 $C_6H_9O_5N_2I$ 3-Iododinitrophenols, and their silver salts (HODGSON and MOORE), 634.
 $C_6H_9O_6Cl_3S$ *s*-Trichlorobenzenedisulphonic acid, and its salts (DAVIES and POWELL), 1124.
 $C_6H_9O_2NCl$ Nitrobenzyl chloride, action of trimethylamine with (McCOMBIE, SCARBOROUGH, and SMITH), 802.
 $C_6H_9O_3NI$ 3-Iodonitrophenols, and their salts (HODGSON and MOORE), 632.
 $C_6H_9O_4Cl_2S_2$ Dichlorothionylquinol (GREEN), 502.
 $C_6H_9O_6Cl_2S_2$ 1:3-Dichlorobenzene-4:6-disulphonic acid, and its salts (DAVIES and POOLE), 1122.
 $C_6H_9ONCl_2$ 3:5-Dichloroaminophenols (HODGSON and WIGNALL), 2218.
 $C_6H_9O_2BrSe$ Bromobenzene-*p*-seleninic acid (PORRITT), 29.
 $C_6H_9O_6NHg_5$ Substance, from mercuritin and ammonia (MARSH and STRUTHERS), 2660.
 $C_6H_9O_2N_2Br$ α -Bromomuconamides (FARMER and DUFFIN), 408.
 $C_6H_9O_2NCl$ γ -Chloro- α -cyanopropyl benzoate (CRAWFORD and KENYON), 400.
 $C_6H_9O_4N_2As$ 3:5-Diamino-2-hydroxyphenylarsinic acid (KING), 1057.
 $C_6H_{11}ON_3S$ Penthian-4-one semicarbazone (BENNETT and SCORAH), 199.
 $C_6H_{11}OIS$ Penthianonemethylsulphonium iodide (BENNETT and SCORAH), 200.
 $C_6H_{12}O_2N_2S$ Thiodipropiondiamide (BENNETT and SCORAH), 196.
 $C_6H_{15}NClI$ β -Chlorodimethyldiethylammonium iodide (HANHART and INGOLD), 1014.

6 V

- $C_6H_3O_4N_2Cl_3S_2$ *s*-Trichlorobenzenedisulphonamide (DAVIES and POOLE), 1124.

$C_6H_{20}ON_2Cl_5Mo$ Ditrinethylammonium molybdenyl pentachloride (JAMES and WARDLAW), 2148.

C₇ Group.

$C_7H_5O_3$ Benzoic acid, heats of combustion of salicylic acid and (BERNER), 338; equilibrium of sulphur with (HAMMICK and HOLT), 493; nitration of (COOPER and INGOLD), 840.

Toluquinone, surface tension and density of (GARNER and SUGDEN), 2880.

$C_7H_5O_3$ *p*-Hydroxybenzoic acid, condensation of chloral with (CHATTAWAY and PRATS), 685.

Salicylic acid, heats of combustion of benzoic acid and (BERNER), 338; copper salt, transport numbers of (HAMER and BURY), 333; molybdenyl salts, isomeric (WARDLAW and WORMELL), 137.

$C_7H_5O_3$ ω -Methoxy-5-methylfurfural (HAWORTH, HIRST, and NICHOLSON), 1524.

$C_7H_5O_4$ ω -Methoxy-5-methylfuran-2-carboxylic acid (HAWORTH, HIRST, and NICHOLSON), 1525.

$C_7H_{17}N$ Dimethylethyl-*n*-propylamine, salts of (HANHART and INGOLD), 1006.

Trimethylisobutylamine, picrate of (HANHART and INGOLD), 1017.

7 III

$C_7H_5OCl_3$ 2:3:5-Trichlorobenzaldehyde (HODGSON and BEARD), 2382.

$C_7H_5O_8N_3$ 2:4:6-Trinitro-3-hydroxybenzaldehyde (HODGSON and BEARD), 2379.

$C_7H_4OBr_2$ 3:4-Dibromobenzaldehyde (HODGSON and BEARD), 26.

$C_7H_5OI_2$ 3:4-Diiodobenzaldehyde (HODGSON and BEARD), 27.

$C_7H_4O_2Br_4$ Substance, from bromine and dimethylpyrone (COLLIE and KLEIN), 2163.

$C_7H_4O_6N_2$ Dinitrohydroxybenzaldehydes, and their salts (HODGSON and BEARD), 2378.

C_7H_5OCl Benzoyl chloride, nitration of (COOPER and INGOLD), 839.

$C_7H_5O_2Cl$ Chlorohydroxybenzaldehydes (HODGSON and JENKINSON), 1740.

$C_7H_5O_2I$ Iodohydroxybenzaldehydes (HODGSON and JENKINSON), 3043.

$C_7H_5O_3Cl$ 2-Chloro-4-hydroxybenzoic acid (HODGSON and JENKINSON), 1742.

$C_7H_5O_3Br$ Bromohydroxybenzoic acids (HODGSON and JENKINSON), 3042.

$C_7H_5O_3I$ Iodohydroxybenzoic acids (HODGSON and JENKINSON), 3043.

C_7H_5NSe Benzselenaazole (CLARK), 2806.

$C_7H_5O_2Br_2$ Substance, from heating $C_{14}H_{17}O_4Br_3$ with water (COLLIE and KLEIN), 2162.

$C_7H_5O_3N_2$ Nitrobenzaldoximes, and their sulphates (BRADY and WHITEHEAD), 2935.

$C_7H_5O_5N_2$ Dinitro-*p*-cresols (DADSWELL and KENNER), 584.

C_7H_7ON Benzamide, nitration of (COOPER and INGOLD), 841.

C_7H_7OCl *o*-Chloroanisole, nitration of (INGOLD and SMITH), 1691.

C_7H_7OBr *o*-Bromoanisole, nitration of (INGOLD and SMITH), 1694.

C_7H_7OI *o*-Iodoanisole, nitration of (INGOLD and SMITH), 1695.

C_7H_7OK Potassium *m*-tolylloxide, interaction of aliphatic esters with (SMITH), 170.

$C_7H_7O_2Br$ Bromoquinol methyl ethers (IRVINE and SMITH), 74.

$C_7H_7O_2N$ Acetyl- α -furfuraldoxime (BRADY and GOLDSTEIN), 1961.

$C_7H_7O_3N_3$ 3-Nitro-4-aminobenzaldoxime (HODGSON and BEARD), 23.

$C_7H_7O_3Br$ Substance, from bromine and diacetylacetone salts (COLLIE and KLEIN), 2164.

$C_7H_5O_2S$ Toluene- ω -sulphonic acid, nitration of (BOTTOMLEY and ROBINSON), 2786.

$C_7H_5O_2Se$ Tolueneseleninic acids (PORRITT), 29.

- $C_7H_9O_3N_2$ *O-p*-Nitrobenzylhydroxylamine, and its hydrochloride (BEADY and KLEIN), 882.
 $C_7H_9O_2Br$ Methyl bromosorbate (FARMER and HEALEY), 1064.
 $C_7H_9O_3N$ ω -Methoxy-5-methylfurfuraldoxime (HAWORTH, HIRST, and NICHOLSON), 1524.
 $C_7H_{10}O_2Br_2$ Methyl dibromosorbate (FARMER and HEALEY), 1064.
 $C_7H_{11}O_2N$ β -Dimethylglutarimide (SIRCAR), 604.
 α s-Methylethylsuccinimide (SIRCAR), 1254.
 $C_7H_{13}N_3S$ Acetone *S*-allylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2529.
 $C_7H_{14}ON_4$ Diacetonecarbohydrazone (BROWN, PICKERING, and WILSON), 108.
 $C_7H_{15}O_3N$ Carnitine, constitution of (CRAWFORD and KENYON), 396.
 $C_7H_{15}N_3S$ Acetone *S*-propylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2529.

7 IV

- $C_7H_5O_4NCl_2$ 2:5-Dichloro-3-nitrobenzoic acid (HODGSON and BEARD), 2381.
 $C_7H_5NBr_2S$ 2:5-Dibromophenylthiocarbimide (DYSON, GEORGE, and HUNTER), 443.
 $C_7H_5ON_2Br_4$ 2:4:5:6-Tetrabromo-3-aminobenzaldoxime (HODGSON and BEARD), 2427.
 $C_7H_5O_3NI$ 4-Iodo-3-nitrobenzaldehyde (HODGSON and BEARD), 25.
 C_7H_5NIS Iodophenylthiocarbimides (DYSON, GEORGE, and HUNTER), 443.
 $C_7H_5ONBr_2$ 3:4-Dibromobenzaldoxime (HODGSON and BEARD), 26.
 $C_7H_5ONI_2$ 3:4-Di-iodobenzaldoxime (HODGSON and BEARD), 27.
 $C_7H_5OCl_2I$ Dichloroiodoanisole (INGOLD, SMITH, and VASS), 1249.
 $C_7H_5O_2NCl_2$ 2:4-Dichloro-5-nitrotoluene (DADSWELL and KENNER), 585.
 $C_7H_5O_2N_2S$ 3-Nitro-1-aminobenzthiazole (DYSON, HUNTER, and MORRIS), 1192.
 $C_7H_5O_3NCl_2$ 3:5-Dichloronitroanisoles (HODGSON and WIGNALL), 2219.
 $C_7H_5O_3N_2Cl$ 4-Chloro-3-nitrobenzaldoxime (HODGSON and BEARD), 24.
 $C_7H_5O_3N_2I$ 4-Iodo-3-nitrobenzaldoxime (HODGSON and BEARD), 25.
 $C_7H_5N_2ClS$ 5-Chloro-1-aminobenzthiazole (DYSON, HUNTER, and MORRIS), 1190.
 $C_7H_5N_2Br_5S$ 5-Bromo-1-aminobenzthiazole tetrabromide (DYSON, HUNTER, and MORRIS), 1191.
 C_7H_5ONCl α -*O*-Chlorobenzaldoxime, sulphate of (BRADY and WHITEHEAD), 2936.
 C_7H_5ONI Iodohydroxybenzaldoximes (HODGSON and JENKINSON), 3043.
 C_7H_5OClI 4-Chloro-2-iodoanisole (INGOLD, SMITH, and VASS), 1248.
 $C_7H_5O_2NCl$ Chlorohydroxybenzaldoxime (HODGSON and JENKINSON), 1740.
 3-Chloro-4-nitroanisole (HODGSON and WIGNALL), 2220.
 $C_7H_5O_3NI$ 3-Iodonitrophenyl methyl ethers (HODGSON and MOORE), 632.
 $C_7H_5N_2Br_2S$ 2:5-Dibromophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 443.
 $C_7H_5ONCl_2$ 3:5-Dichloro-4-aminoanisole (HODGSON and WIGNALL), 2219.
 $C_7H_7O_2ClS$ Toluene- ω -sulphonyl chloride (BOTTOMLEY and ROBINSON), 2785.
 $C_7H_7N_2BrS$ *o*-Bromophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 443.
 $C_7H_7N_2IS$ Iodophenylthiocarbamides (DYSON, GEORGE, and HUNTER), 443.
 $C_7H_9O_2N_2As$ 2-Hydroxy-4-carbamidophenylarsinic acid, and its salts (KING), 1056.
 $C_7H_{10}O_2N_2S$ 2-Ethylthiolmethylglyoxalinecarboxylic acid, and its hydrochlorides (BALABAN and KING), 1867.
 $C_7H_{11}ON_2Cl$ γ -Dimethylamino- α -hydroxy-*n*-butyronitrile methochloride, and its salts (CRAWFORD and KENYON), 401.

$C_7H_{16}O_2NCl$ α -Hydroxy- γ -butyrottrimethylbetaine hydrochloride, and its salts (CRAWFORD and KENYON), 401.

7 V

$C_7H_5ONClBr$ Chlorobromobenzaldoximes (HODGSON and BEARD), 25.

C_7H_5ONClI Chloriodobenzaldoximes (HODGSON and BEARD), 26.

C_7H_5ONBrI Bromiodobenzaldoximes (HODGSON and BEARD), 26.

$C_7H_5N_2ClBr_2S$ 5-Chloro-1-aminobenzthiazole dibromide (DYSON, HUNTER, and MORRIS), 1190.

$C_7H_5N_2ClBr_6S$ 5-Chloro-1-aminobenzthiazole hexabromide (DYSON, HUNTER, and MORRIS), 1191.

$C_7H_5O_4NCIS$ Nitrobenzylsulphonyl chlorides (C. K. and E. H. INGOLD and SHAW), 831.

$C_7H_9O_2N_2SAu$ Ethyl 2-aurothiolmethylglyoxalinecarboxylate (BALABAN and KING), 1869.

7 VI

$C_7H_9O_2N_2ClSHg$ Ethyl 2-chloromercurithiolmethylglyoxalinecarboxylate (BALABAN and KING), 1871.

C₈ Group.

C_8H_{12} $\alpha\zeta$ -Dimethylhexatriene (FARMER, LAROA, SWITZ, and THORPE), 2957.

8 II

$C_8H_6O_4$ *iso*Phthalic acid, oxidation of (FARMER and RICHARDSON), 62.

$C_8H_6O_3$ Acetylpyrocatechol (GREEN), 502.

Mandelic acid, cupric salt (WARK), 1754.

$C_8H_{10}O_3$ 2:3-Dimethylcyclobutane-1:4-dicarboxylic anhydride (VOGEL), 1993.

$C_8H_{10}O_4$ 4:5-Dimethoxyresorcinol (CHAPMAN, PERKIN, and ROBINSON), 3031.

4-Hydroxy-2:2-dimethylcyclopenten-3-one-1-carboxylic acids (GIBSON, HARIHARAN, and SIMONSEN), 3013.

Methyl ω -methoxy-5-methylfuran-2-carboxylate (HAWORTH HIRST, and NICHOLSON), 1525.

$C_8H_{12}O_2$ Ethyl Δ^1 -cyclopentenecarboxylate (SIRCAR), 1255.

*cyclo*Hexylideneacetic acid, sodium salt (LINSTEAD), 370.

3-Hydroxycyclohexolacetolactone (ROBINSON and ZAKI), 2411.

$C_8H_{12}O_4$ 2:3-Dimethylcyclobutane-1:4-dicarboxylic acids (VOGEL), 1993.

Methyl $\Delta\beta$ -dihydromuconate (FARMER and DUFFIN), 409.

Methylethylparaconic acid, and its silver salt (SIRCAR), 1258.

*trans-cyclo*Pentane-1-carboxy-2-acetic acid (SIRCAR), 1255.

$C_8H_{12}Br_2$ Dibromo-*s*-dipropenylethylene glycol (FARMER, LAROA, SWITZ, and THORPE), 2957.

$C_8H_{14}O_2$ β -Methyl- α -ethyl- $\Delta\beta$ -pentenoic acid, and its silver salt (KON and NARA YANAN), 1545.

$C_8H_{14}O_5$ 2:3:4-Trimethyl *l*-arabonolactone (DREW and MACBETH), 778.

Trimethyl arabonolactones (DREW, GOODYEAR, and HAWORTH), 1244.

Trimethyl γ -arabonolactones, oxidation of (HAWORTH, HIRST, and LEARNER), 2432.

Trimethyl xylonolactones (DREW, GOODYEAR, and HAWORTH), 1244.

$C_8H_{16}O_6$ γ -Ethylfructoside (ALLPRESS, HAWORTH, and INKSTER), 1235.

$C_8H_{18}O$ α -Ethoxyhexane (FARMER, LAROA, SWITZ, and THORPE), 2951.

$C_8H_{18}N_2$ β -Dimethylaminodimethyldiethylamine picrate (HANHART and INGOLD), 1011.

Hexamethylethylenediamine, picrate of (HANHART and INGOLD), 1012.

8 III

- $C_8H_2N_6Mo$ Hydromolybdcyanic acid, and its salts (BUCKNALL and WARDLAW), 2987.
 $C_8H_4O_2Cl_2$ Phthalyl chlorides, surface tension and density of (GARNER and SUGDEN), 2881.
 $C_8H_4N_2Cl_4$ α -Dichloro- β -2:4-dichlorobenzeneazoethylene (CHATTAWAY and BENNETT), 2853.
 $C_8H_4N_2S$ Cyanophenylthiocarbimides (DYSON, GEORGE, and HUNTER), 442.
 $C_8H_4N_6Mo$ Hydromolybdocyanic acid, salts of (BUCKNALL and WARDLAW), 2981.
 $C_8H_4O_4N_2$ 2:4-Dinitrophenylacetoneitrile (FAIRBOURNE and FAWSON), 48.
 $C_8H_6OCl_2$ 3:4-Dichloroacetophenone (ROBERTS and TURNER), 1855.
 $C_8H_6O_2Cl_2$ 3:5-Dichloroanisic acid (BLAKEY, JONES, and SCARBOROUGH), 2868.
 $C_8H_6O_3N_2$ α -6-Nitro-3:4-methylenedioxybenzaldoxime, sulphate of (BRADY and WHITEHEAD), 2937.
 $C_8H_6O_4N_2$ Dinitromethoxybenzaldehydes (HODGSON and BEARD), 2381.
 $C_8H_6O_7N_2$ 2:3-Dinitro-4-methoxybenzoic acid (DADSWELL and KENNER), 587.
 2:6-Dinitro-3-methoxybenzoic acid (HODGSON and BEARD), 2381.
 $C_8H_7O_2N$ 2-Hydroxy-5-methoxybenzonitrile (SHINODA), 1984.
 $C_8H_7O_2Cl$ 4-Chloro-2-methoxybenzaldehyde (HODGSON and JENKINSON), 1741.
 $C_8H_7O_2Br$ Bromomethoxybenzaldehydes (HODGSON and JENKINSON), 3042.
 $C_8H_7O_2I$ Iodomethoxybenzaldehydes (HODGSON and JENKINSON), 3043.
 $C_8H_7O_3N$ α -3:4-Methylenedioxybenzaldoxime, sulphate of (BRADY and WHITEHEAD), 2937.
 $C_8H_7O_3N_3$ 7-Nitro-6-methoxyindazole (DADSWELL and KENNER), 586.
 $C_8H_7O_3Cl$ 4-Chloro-2-methoxybenzoic acid (HODGSON and JENKINSON), 1741.
 $C_8H_7O_3Br$ Bromomethoxybenzoic acids (HODGSON and JENKINSON), 3042.
 $C_8H_7O_3I$ Iodomethoxybenzoic acids (HODGSON and JENKINSON), 3043.
 $C_8H_7N_3S$ Cyanophenylthiocarbimides (DYSON, GEORGE, and HUNTER), 442.
 $C_8H_7Cl_2Br$ α -2:4-Dichlorophenylethyl bromide (EVANS, MABBOTT, and TURNER), 1165.
 $C_8H_8OCl_2$ 2:4-Dichlorophenylmethylcarbinol (EVANS, MABBOTT, and TURNER), 1164.
 $C_8H_8O_4N_2$ Dinitro- β -phenylethane (BAKER and WILSON), 846.
 $C_8H_8O_6N_2$ 2:5-Dinitrocreosol (OXFORD), 1967.
 5:6-Dinitroisocresosol (OXFORD), 1970.
 $C_8H_8O_2N$ Methoxybenzaldoximes, sulphates of (BRADY and WHITEHEAD), 2936.
 α -Nitro- β -phenylethane (BAKER and WILSON), 844.
 Piperonylmethylamine, and its salts (MALAN and ROBINSON), 2654.
 $C_8H_8O_2Cl$ Chlorocresosol (OXFORD), 1966.
 $C_8H_8O_2N$ 2-Hydroxy-5-methoxybenzaldoxime (SHINODA), 1984.
 $C_8H_8O_4N$ 6-Nitroisocresosol (OXFORD), 1970; (HEAP, JONES, and ROBINSON), 2022.
 $C_8H_8O_4N_3$ *p*-Nitrobenzyloxycarbamide (BRADY and KLEIN), 882.
 $C_8H_8O_4Br$ Methyl α -bromomuconates (FARMER and DUFFIN), 407.
 $C_8H_{10}ON_4$ Benzaldehyde δ -aminosemicarbazone (BROWN, PICKERING, and WILSON), 110.
 $C_8H_{10}O_2Se$ Xylene-4-seleninic acids (PORRITT), 29.
 $C_8H_{10}O_3N_2$ Nitro-4-methoxytoluidines (DADSWELL and KENNER), 584.
 Nitroso-*N*-*o*-methoxybenzylhydroxylamine (BRADY and BENNETT), 897.
 $C_8H_{10}O_3S$ Phenylethanesulphonic acids, and their salts (EVANS, MABBOTT, and TURNER), 1161.
 $C_8H_{10}O_4Br_2$ Methylmuconate dibromides (FARMER and DUFFIN), 402.

- $C_8H_{10}NCl$ Chloro-*m*-2-xylydines (DADSWELL and KENNER), 1106.
 $C_8H_{10}NI$ 3-Iododimethylaniline (HODGSON and WIGNALL), 1145.
 $C_8H_{11}O_2N$ *trans*-Hexahydrophthalimide (SIRCAR), 1254.
N-*o*-Methoxybenzylhydroxylamine, hydrochloride of (BRADY and BENNETT), 896.
trans-*cyclo*Pentane-1-carboxy-2-acetimide (SIRCAR), 1255.
*cyclo*Pentanespirosuccinimide (SIRCAR), 1254.
 $C_8H_{11}O_2I$ 1-Iodo-2-hydroxycyclohexylacetic acid γ -lactone (LINSTAD and MAY), 2572.
 $C_8H_{11}O_3N_3$ ω -Methoxy-5-methylfurfural semicarbazone (HAWORTH, HIRST, and NICHOLSON), 1523.
 $C_8H_{11}N_3S$ δ -Benzylthiosemicarbazide, and its hydrochloride (BAIRD, BURNS, and WILSON), 2531.
 $C_8H_{13}O_3S$ Ethyl penthien-4-one-3-carboxylate (BENNETT and SCORAH), 198.
 Ethyl Δ^3 -penthien-4-ol-3-carboxylate (BENNETT and SCORAH), 197.
 $C_8H_{13}O_2N$ *as*-Diethylsuccinimide (SIRCAR), 1254.
 $\beta\beta$ -Methylethylglutarimide (SIRCAR), 604.
 $C_8H_{13}O_3N_3$ $\Delta\gamma$ -Pentene-*aa\epsilon*-tricarboxylamide (FARMER and HEALEY), 1065.
 $C_8H_{15}O_2N$ Methylbetaines of 4-hydroxypiperidylacetic acid (MILLS, PARKIN, and WARD), 2623.
 $C_8H_{16}O_4N_2$ Dimethoxysuccinomethylamides (HAWORTH and JONES), 2351.
 $C_8H_{17}N_3S$ Acetone δ -butylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2530.
 $C_8H_{19}N_3S$ δ -Heptylthiosemicarbazide, and its hydrochloride (BAIRD, BURNS, and WILSON), 2533.

8 IV

- $C_8H_8N_2Cl_4Br$ *aa*-Dichloro- β -bromo- β -2:4-dichlorobenzeneazoethylene (CHATTAWAY and BENNETT), 2853.
 $C_8H_8N_2Cl_2Br_2$ *aa*-Dichloro- β -2:4-dibromobenzeneazoethylene (CHATTAWAY and BENNETT), 2853.
 $C_8H_8N_2Cl_2Br_2$ *aa*-Dichlorochlorobromobenzeneazoethylenes (CHATTAWAY and BENNETT), 2853.
 $C_8H_8O_2NCl_2$ 3:4-Dichloro-2-nitroacetophenone (ROBERTS and TURNER), 1855.
 $C_8H_8NBr_2S$ 3:5-Dibromo-*o*-tolylthiocarbimide (DYSON, GEORGE, and HUNTER), 444.
 $C_8H_8N_3Br_4S$ 1-Amino-5-cyanobenzthiazole tetrabromide (DYSON, HUNTER, and MORRIS), 1189.
 $C_8H_8N_3Br_6S$ 1-Amino-5-cyanobenzthiazole hexabromide (DYSON, HUNTER, and MORRIS), 1189.
 $C_8H_8O_2N_2Cl_2$ Glyoxylic acid dichlorophenylhydrazone (CHATTAWAY and BENNETT), 2852.
 $C_8H_8O_2N_2Br_2$ Glyoxylic acid dibromophenylhydrazone (CHATTAWAY and BENNETT), 2852.
 $C_8H_8O_2N_2S$ 3-Nitro-*o*-tolylthiocarbimide (DYSON, GEORGE, and HUNTER), 444.
 $C_8H_8O_4NI$ 3-Iodo-6-nitrophenyl acetates (HODGSON and MOORE), 632.
 $C_8H_8ONCl_2$ 3:4-Dichloro-2-aminoacetophenone (ROBERTS and TURNER), 1856.
 C_8H_7ONS Anisylthiocarbimides (DYSON, GEORGE, and HUNTER), 440.
 C_8H_7OClS Chloromethylthiolbenzaldehydes (HODGSON and BEARD), 2427.
 $C_8H_7O_2NS$ Nitromethylthiolbenzaldehydes (HODGSON and BEARD), 2425.
 C_8H_8ONCl *N*-Chloroacetanilide, action of hydrochloric acid with (SOPER and PRYDE), 2761.
 $C_8H_8ON_2S$ 1-Amino-5-methoxybenzthiazole (DYSON, HUNTER, and MORRIS), 1191.

- $C_6H_5O_2NCl$ 4-Chloro-2-methoxybenzaloxime (HODGSON and JENKINSON), 1741.
Chloronitro-*m*-xylenes (DADSWELL and KENNER), 1106.
- $C_6H_5O_2NBr$ Bromomethoxybenzaloximes (HODGSON and JENKINSON), 3042.
- $C_6H_5O_2NI$ Iodomethoxybenzaloximes (HODGSON and JENKINSON), 3043.
- $C_6H_5O_2N_3Cl$ Chlorohydroxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 1741.
- $C_6H_5O_2N_3Br$ Bromohydroxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 3041.
- $C_6H_5O_2N_3I$ Iodohydroxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 3043.
- $C_6H_5O_3NCl$ 3-Chloro-6-nitro-4-methoxytoluene (DADSWELL and KENNER), 585.
- $C_6H_5O_3N_2S$ Nitromethylthiolbenzaloximes (HODGSON and BEARD), 2425.
- $C_6H_5N_2Se$ Benzselenaazole methiodide (CLARK), 2806.
- $C_6H_5N_2Br_4S$ 1-Amino-5-methylbenzthiazole tetrabromide (DYSON, HUNTER, and MORRIS), 1191.
- $C_6H_5ON_2I$ 3-Iodo-4-nitrosodimethylaniline (HODGSON and WIGNALL), 1145.
- $C_6H_5O_2NS$ 3-Nitroso-4-methylthiolbenzyl alcohol (HODGSON and BEARD), 2426.
- $C_6H_5O_2ClS$ Phenylethanesulphonyl chlorides (EVANS, MABBOTT, and TURNER), 1162.
- $C_6H_5O_3NS$ Nitrophenyl β -hydroxyethyl sulphides (BENNETT and BERRY), 1667.
- $C_6H_5O_4NS$ Nitrobenzylmethylsulphones (C. K. and E. H. INGOLD and SHAW), 820.
- $C_6H_5O_4N_2As$ Hydroxy-1:4-dihydroquinoxaline-6-arsinic acids (EWINS, NEWBERY, and STICKINGS), 853.
- $C_7H_7O_2NS$ Methyl nitrobenzylsulphonates (C. K. and E. H. INGOLD and SHAW), 829.
- $C_6H_{10}ON_2S$ 3-Aminomethylthiolbenzaloximes (HODGSON and BEARD), 2427.
Anisylthiocarbamides (DYSON, GEORGE, and HUNTER), 440.
- $C_6H_{10}O_4N_2S$ Nitrobenzylsulphonmethylamides (C. K. and E. H. INGOLD and SHAW), 824.
- $C_6H_{10}O_4N_2Hg$ Ethyl 1-acetoxymercuriglyoxalinecarboxylate (BALABAN and KING), 1870.
- $C_6H_{10}O_6N_3As$ 3-Nitrophenylarsinic acid 4-glycineamide (EWINS, NEWBERY, and STICKINGS), 854.
- $C_6H_{11}O_2N_2Cl$ Nitro- β -phenylethylammonium chlorides (GOSS, HANHART, and INGOLD), 253.
- $C_6H_{11}O_4N_2As$ Nitrosoethylaminophenylarsinic acid (BURTON and GIBSON), 2387.
- $C_6H_{12}O_2N_3As$ *o*-Ethylaminophenylarsinic acid (BURTON and GIBSON), 2387.
- $C_6H_{15}OBrS$ Tetrahydrothiophen- δ -bromobutylsulphonium bromide, and its picrate (BENNETT and HOCK), 483.
- $C_6H_{15}O_2NBr_2$ 4-Bromoacetoxy-1-methylpiperidine (MILLS, PARKIN, and WARD), 2625.
- $C_6H_{16}O_3NBr$ 4-Hydroxypiperidylacetic acid methobromides (MILLS, PARKIN, and WARD), 2623.
- $C_6H_{17}OBrS$ Tetrahydrothiophen- δ -hydroxybutylsulphonium bromide, and its salts (BENNETT and HOCK), 482.

8 V

- $C_6H_5ONClBr_2$ Chlorodibromoacetanilide (SMITH), 1101.
- C_6H_5ONClS Chloromethylthiolbenzaloximes (HODGSON and BEARD), 2427.
- $C_6H_5ON_2Br_2S$ 1-Amino-5-methoxybenzthiazole dibromide (DYSON, HUNTER, and MORRIS), 1191.
- $C_6H_5O_2NCIS$ Nitrophenyl β -chloroethyl sulphides (BENNETT and BERRY), 1672.
- $C_6H_5O_2NBrS$ Nitrophenyl β -bromoethyl sulphides (BENNETT and BERRY), 1672.

- $C_8H_8O_2NIS$ Nitrophenyl β -iodoethyl sulphides (BENNETT and BERRY), 1673.
 $C_8H_8O_2NCIS$ Nitrophenyl β -chloroethyl sulphoxides (BENNETT and BERRY), 1672.
 $C_8H_8O_2NBpS$ Nitrophenyl β -bromoethyl sulphoxides (BENNETT and BERRY), 1672.

C₉ Group.

- $C_9H_6O_4$ 4:5-Methylenedioxyphthalide (STEVENS and ROBERTSON), 2792.
 $C_9H_6O_6$ Hydrastic acid, synthesis of (STEVENS and ROBERTSON), 2790.
 $C_9H_8O_2$ Cinnamic acid, condensation of, with pyrogallol and resorcinol (ELLISON), 1720.
 $C_9H_8O_2$ Acetophenone-*o*-carboxylic acid (DAVIES and POOLE), 2662.
 $C_9H_8O_4$ 5-Carboxy-2-hydroxyacetophenone (CHATTAWAY and PRATS), 692.
 $C_9H_8O_5$ 6-Hydroxymethylpiperonylic acid, and its silver salt (STEVENS and ROBERTSON), 2792.
 $C_9H_{10}O_2$ 1:2-Dihydroxyallylbenzenes (PERKIN and TRIKOJUS), 1665.
 $C_9H_{10}O_3$ *m*-Xylorcyraldehyde (ROBERTSON and ROBINSON), 2202.
 $C_9H_{10}O_5$ 3:6-Dihydroxy-2:4-dimethoxybenzaldehyde (CHAPMAN, PERKIN, and ROBINSON), 3029.
 $C_9H_{11}Br$ β -Tolyethyl bromides, isomeric, preparation and hydrolysis of (SHOESMITH and CONNOR), 1768.
 $C_9H_{12}O_2$ β -Methoxyphenylethyl alcohols (SHOESMITH and CONNOR), 2233.
 $C_9H_{12}O_4$ *cyclo*Pentanespiroparaconic acid, and its silver salt (SIRCAR), 1258.
 $C_9H_{12}O_6$ β -Hydroxy- β -ethylbutane- $\gamma\delta\delta$ -tricarboxylic γ -lactone (SIRCAR), 1253.
 $C_9H_{13}N$ Trimethylbenzylamine, picrate of (GOSS, HANHART, and INGOLD), 257.
 $C_9H_{14}O_2$ $\beta\beta$ -Dipropylacrylic acid, and its silver salt (KON and MAY), 1552.
 α -Ethyl- Δ^1 -*cyclopentenyl*acetic acid, and its silver salt (KON and NARAYANAN), 1543.
 α -Ethyl*cyclopentylidene*acetic acid (KON and NARAYANAN), 1543.
*cyclo*Heptylideneacetic acid (KON and MAY), 1554.
 $C_9H_{14}O_3$ Methyl 2:2-dimethyl*cyclopentan*-3-one-1-carboxylate (GIBSON, HARIHARAN, and SIMONSEN), 3012.
 $C_9H_{14}O_4$ *apo*Fenchocamphoric acid, synthesis of (SHORT), 961.
 $C_9H_{14}O_5$ γ -Acetyl- γ -methylbutane- $\alpha\beta$ -dicarboxylic acid (BHAGVAT and SIMONSEN), 87.
 α -Keto- $\beta\beta\gamma\gamma$ -tetramethylglutaric hydroxylactone (ROTHSTEIN and SHOPPEE), 533.
 $C_9H_{14}O_6$ γ -Mannonolactone-acetone (GOODYEAR and HAWORTH), 3143.
 $C_9H_{14}N_2$ Aminobenzylidimethylamines, and their hydrochlorides (STEDMAN), 1905.
 $C_9H_{16}O_2$ β -Propylhexoic acid (KON and MAY), 1554.
 $C_9H_{16}O_3$ 1-Hydroxy- α -ethyl*cyclopentane*acetic acid, and its silver salt (KON and NARAYANAN), 1543.

9 III

- $C_9H_8N_3S$ 2:5-Dicyanophenylthiocarbimide (DYSON, GEORGE, and HUNTER), 443.
 $C_9H_8O_4Cl_2$ $\omega\omega$ -Dichloro-5-carboxy-2-hydroxyacetophenone (CHATTAWAY and PRATS), 691.
 $C_9H_8O_2N$ Homophthalimide (SIRCAR), 1255.
 $C_9H_8O_5N_2$ β -*O*-Methyl-6-nitro-3:4-methylenedioxybenzaldoxime (BRADY and KLEIN), 894.
 $C_9H_8O_7N_2$ Methyl 2:3-dinitro-4-methoxybenzoate (DADSWELL and KENNER), 587.
 $C_9H_5O_3Cl$ Chlorotropic acids (KERR), 1947.
 $C_9H_5O_6N$ 3-Nitro-2:4-dimethoxybenzoic acid (DADSWELL and KENNER), 587.

- $C_9H_9NO_3$ *m*-Methoxy- ω -nitrostyrene (SHOESMITH and CONNOR), 2232.
 C_9H_9NS Xylylthiocarbimides (DYSON, GEORGE, and HUNTER), 440.
 $C_9H_{10}OBr_2$ β -Bromo-2-methoxyphenylethylbromides (SHOESMITH and CONNOR), 2233.
 $C_9H_{10}O_4Se$ *o*-Tolylselenoglycollic acid (PORRITT), 28.
 $C_9H_{10}O_4N_2$ Methyl *p*-nitrobenzylaminoformate (BAKER), 568.
 $C_9H_{10}O_6N_2$ Dinitrohomoveratroles (OXFORD), 1968.
 $C_9H_{10}N_2S$ *p*-Dimethylaminophenylthiocarbimide (DYSON, GEORGE, and HUNTER), 442.
 $C_9H_{11}ON_3$ 2:3-Dicyano-1-methyl-1-ethylcyclopropane-2-carboxylamide (SIRCAR), 1258.
 $C_9H_{11}OBr$ β -*p*-Methoxyphenylethyl bromide (SHOESMITH and CONNOR), 2234.
 $C_9H_{11}OI$ Benzyl β -iodoethyl ether (BENNETT and HOCK), 476.
 $C_9H_{11}O_2N$ *m*-Methoxyphenylacetaldoxime (SHOESMITH and CONNOR), 2232.
 $C_9H_{11}O_2N$ α -Amino- β -hydroxy- α -phenylpropionic acid, and its hydrochloride (KERR), 1946.
 $C_9H_{11}O_4N$ 5-Nitro-2:4-dimethoxytoluene (DADSWELL and KENNER), 585.
 $C_9H_{11}ClS$ Phenyl γ -chloropropyl sulphide (BENNETT and BERRY), 1680.
 $C_9H_{12}ON_4$ Acetophenone- δ -aminosemicarbazone (BROWN, PICKERING, and WILSON), 109.
 $C_9H_{12}O_2N_2$ Nitrobenzyl dimethylamines, and their hydrochlorides (STEDMAN), 1904.
 o-p-Nitrophenylisopropylamine, picrate of (BAKER and INGOLD), 264.
 $C_9H_{12}O_2Br_2$ Methyl 4:4-dibromo-2:2-dimethylcyclopentan-3-one-1-carboxylate (GIBSON, HARIHARAN, and SIMONSEN), 3012.
 $C_9H_{12}O_3S$ α -Phenylpropanesulphonic acid, and its resolution and salts (EVANS, MABBOTT, and TURNER), 1165.
 $C_9H_{12}N_2S$ Xylylthiocarbamides (DYSON, GEORGE, and HUNTER), 440.
 $C_9H_{12}ON$ Hydroxybenzyl dimethylamines, and their salts (STEDMAN), 1904.
 $C_9H_{13}O_2N$ *trans*-Hexahydrohomophthalimide (SIRCAR), 1255.
 *cyclo*Hexanespirosuccinimide (SIRCAR), 1254.
 *cyclo*Pentanediacetamide (SIRCAR), 604.
 $C_9H_{13}N_2S$ *p*-Dimethylaminophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 442.
 δ - α -Phenylethylthiosemicarbazide, and its hydrochloride (BAIRD, BURNS, and WILSON), 2532.
 $C_9H_{14}ON$ α -Ethyl- Δ^1 -cyclopentenyacetamide (KON and NARAYANAN), 1543.
 α -Ethylcyclopentylideneacetamide (KON and NARAYANAN), 1543.
 β -Propyl- $\Delta\beta$ -hexeno-amide (KON and MAY), 1553.
 $C_9H_{15}O_2N$ $\beta\beta$ -Diethylglutarimide (SIRCAR), 604.
 $C_9H_{15}ON_4$ Di(methylethyl ketone) carbohydrazone (BROWN, PICKERING, and WILSON), 109.

9 IV

- C_9H_7ONS *p*-Acetylphenylthiocarbimide (DYSON, GEORGE, and HUNTER), 442.
 $C_9H_8O_2N_2Cl_2$ Methyl glyoxylate 2:4-dichlorophenyldiazone (CHATTAWAY and BENNETT), 2851.
 $C_9H_8O_2N_2Br_2$ Methyl glyoxylate 2:4-dibromophenyldiazone (CHATTAWAY and BENNETT), 2851.
 $C_9H_8O_2N_2S$ 2-Nitro-4-ethoxyphenylthiocarbimide (DYSON, GEORGE, and HUNTER), 444.
 C_9H_8ONS Ethoxyphenylthiocarbimides (DYSON, GEORGE, and HUNTER), 441.
 4-Ketotetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2750.
 $C_9H_8O_2NS$ Dimethoxyphenylthiocarbimides (DYSON, GEORGE, and HUNTER), 441.

- $C_9H_9O_4NS$ *o*-Nitrophenylthiolpropionic acid (MILLS and WHITWORTH), 2750.
 $C_9H_9N_2ClS$ 5-Chloro-1-dimethylaminobenzthiazole (HUNTER and STYLES), 1213.
 $C_9H_{10}ONClS$ 2-Chloroaceto-*p*-toluidide, dimorphism of (SCHOFIELD), 2903.
 $C_9H_{10}ON_2S$ *p*-Acetylphenylthiocarbamide (DYSON, GEORGE, and HUNTER), 442.
 1-Amino-5-ethoxybenzthiazole (DYSON, HUNTER, and MORRIS), 1191.
 $C_9H_{10}O_2NBr$ 6-Bromo- β -piperonylethylamine, and its salts (STEVENS), 184.
 $C_9H_{10}O_2N_2Cl$ Chloromethoxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 1741, 3042.
 $C_9H_{10}O_2N_2Br$ Bromomethoxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 3042.
 $C_9H_{10}O_2N_2I$ Iodomethoxybenzaldehyde semicarbazones (HODGSON and JENKINSON), 3043.
 $C_9H_{10}O_3NBr$ α -6-Bromo-3:4-dimethoxybenzaloxime, sulphate of (BRADY and WHITEHEAD), 2936.
 $C_9H_{10}O_3NBr$ 6-Bromo-2-nitrohomoveratrole (OXFORD), 1970.
 $C_9H_{10}N_2Br_2S$ 1-Dimethylaminobenzthiazole dibromide (HUNTER and STYLES), 1211.
 $C_9H_{10}N_2Br_6S$ 1-Dimethylaminobenzthiazole hexabromide (HUNTER and STYLES), 1212.
 $C_9H_{11}O_3NS$ *o*-Aminophenylthiolpropionic acid (MILLS and WHITWORTH), 2750.
 $C_9H_{11}O_3ClS$ α -Phenylpropanesulphonyl chloride (EVANS, MABBOTT, and TURNER), 1166.
 $C_9H_{11}O_3NS$ *p*-Nitrobenzyl β -hydroxyethyl sulphide (BENNETT and BERRY), 1671.
p-Nitrophenyl γ -hydroxypropyl sulphide (BENNETT and BERRY), 1671.
 $C_9H_{11}O_3N_2S$ 2-Nitro-4-ethoxyphenylthiocarbamide (DYSON, GEORGE, and HUNTER), 444.
 $C_9H_{11}N_2ClS$ *s-p*-Chlorophenyldimethylthiocarbamide (HUNTER and STYLES), 1213.
 $C_9H_{11}N_2Br_4S$ 1-Dimethylaminobenzthiazole tetrabromide hydrobromide (HUNTER and STYLES), 1211.
 $C_9H_{12}ON_2S$ Ethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 441.
 $C_9H_{12}O_2N_2S$ Dimethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 441.
 $C_9H_{12}O_4N_2S$ Nitrobenzylsulphondimethylamides (C. K. and E. H. INGOLD, and SHAW), 826.
 Nitrobenzylsulphonethylamides (C. K. and E. H. INGOLD, and SHAW), 825.
 $C_9H_{13}O_2NS$ Benzylsulphonethylamide (C. K. and E. H. INGOLD, and SHAW), 818.
 $C_9H_{13}O_2N_2Cl$ γ -*p*-Nitrophenylpropylammonium chloride (INGOLD and WILSON), 813.
 $C_9H_{14}O_2N_2S$ Ethyl 2-ethylthiolmethylglyoxalinecarboxylate, and its salts (BALABAN and KING), 1866.

9 V

- $C_9H_7ON_2ClS$ 5-Chloro-1-acetylaminobenzthiazole (DYSON, HUNTER, and MORRIS), 1190.
 $C_9H_{10}O_2NClS$ *p*-Nitrophenyl γ -chloropropyl sulphide (BENNETT and BERRY), 1672.
 $C_9H_{10}N_2ClBr_3S$ 5-Chloro-1-dimethylaminobenzthiazole dibromide hydrobromide (HUNTER and STYLES), 1213.
 $C_9H_{11}ON_2Br_4S$ 1-Amino-5-ethoxybenzthiazole tetrabromide hydrobromide (DYSON, HUNTER, and MORRIS), 1191.

9 VI

- $C_9H_7ON_2ClBr_4S$ 5-Chloro-1-acetamidobenzthiazole tetrabromide (DYSON, HUNTER, and MORRIS), 1191.

C₁₀ Group.

- $C_{10}H_{16}$ Pinene, recovery of, from its nitroso-chloride (EARL and KENNER), 1269.

10 II

- C₁₀H₈O₃** 4-Hydroxy-3-methylcoumarin (HEILBRON and HILL), 1706.
4-Methoxycoumarin (HEILBRON and HILL), 1707.
- C₁₀H₈O₄** 6-Hydroxymethylhomopiperonylactone (STEVENS), 181.
- C₁₀H₁₀O₂** Methyl atropate (BAKER and ECCLES), 2129.
Safrole, synthesis of (PERKIN and TRIKOJUS), 1663.
- C₁₀H₁₀O₄** *m*-Methoxyphenylpyruvic acid (CHAKRAVARTI, HAWORTH, and PERKIN), 2270.
- C₁₀H₁₀N₂** 2:3-Dimethyl-1:2:3:4-tetrahydroquinoxalines, stereoisomeric, and their tartrates (GIBSON), 342.
- C₁₀H₁₂O₂** Ethyl phenylacetate, nitration of (BAKER and INGOLD), 834.
- C₁₀H₁₂O₃** 2:4-Dimethoxymethylbenzaldehydes (ROBERTSON and ROBINSON), 2200.
- C₁₀H₁₂O₅** Antiarolaldehyde (CHAPMAN, PERKIN, and ROBINSON), 3029.
n-Propyl gallate (CLARKE, ROBINSON, and SMITH), 2649.
Substance, from acetylation of antiarol (CHAPMAN, PERKIN, and ROBINSON), 3033.
Substance, from oxidation of 4:4:5-trimethyl- Δ^5 -cyclopentene-1:3-dicarboxylic acid (BHAGVAT and SIMONSEN), 86.
- C₁₀H₁₃Br** α -Phenylbutyl bromide (EVANS, MABBOTT, and TURNER), 1166.
- C₁₀H₁₄O₂** Benzyl γ -hydroxypropyl ether (BENNETT and HOCK), 474.
- C₁₀H₁₄O₃** Camphorquinone, action of sulphuric acid on (BHAGVAT and SIMONSEN), 77.
- C₁₀H₁₄O₄** $\alpha\zeta$ -Diacetoxy- $\Delta^{\beta\delta}$ -hexadiene (FARMER, LARROIA, SWITZ, and THORPE), 2950.
4-Hydroxy-2:2:3-trimethyl- Δ^3 -cyclohexen-5-one-1-carboxylic acid (BHAGVAT and SIMONSEN), 83.
4:4:5-Trimethyl- Δ^5 -cyclopentene-1:3-dicarboxylic acids (BHAGVAT and SIMONSEN), 84.
- C₁₀H₁₄O₈** $\beta\gamma$ -Dimethylbutane- $\alpha\alpha\beta\delta$ -tetracarboxylic acids (VOGEL), 1990.
- C₁₀H₁₆O** Pulegones (HUGH, KON, and LINSTAD), 2585.
- C₁₀H₁₆O₃** Tetramethyladipic anhydrides (FARMER and KRACOVSKI), 683.
- C₁₀H₁₆O₄** 4:4:5-Trimethylcyclopentane-1:3-dicarboxylic acid (BHAGVAT and SIMONSEN), 85.
- C₁₀H₁₆O₅** 1-Hydroxy-4:4:5-trimethylcyclopentane-1:3-dicarboxylic acid (BHAGVAT and SIMONSEN), 84.
- C₁₀H₁₆O₃** 1-Hydroxy- α -ethylcyclohexaneacetic acid, and its silver salt (KON and NARAYANAN), 1539.
- C₁₀H₁₆O₆** Tetramethyl gluconolactones (DREW, GOODYEAR, and HAWORTH), 1241; oxidation of (HAWORTH, HIRST, and MILLER), 2436.
Tetramethyl mannonolactone (DREW, GOODYEAR, and HAWORTH), 1243.
- C₁₀H₁₆O₇** Substance, from oxidation of tetramethyl γ -fructose (HAWORTH, HIRST, and NICHOLSON), 1520.
- C₁₀H₂₀O₃** β -Hydroxy- β -methyl- α -ethylpentanoic acid, and its silver salt (KON and NARAYANAN), 1544.
- C₁₀H₂₀O₆** Tetramethylglucose, mutarotation of, in aqueous alcohols (RICHARDS, FAULKNER, and LOWRY), 1733.
Tetramethylglucoses, structure of (HAWORTH, HIRST, and MILLER), 2436.
2:3:4:6-Tetramethylmannose (DREW, GOODYEAR, and HAWORTH), 1243.
- C₁₀H₂₁N** *d*-neoisomethylamine, and its salts (READ and ROBERTSON), 2172.
- C₁₀H₂₂O₂** $\alpha\zeta$ -Diethoxyhexane (FARMER, LARROIA, SWITZ, and THORPE), 2951.
- C₁₀H₂₄N₂** *s*-Tetramethyldiethylethylenediamine, dipicrate of (HANHART and INGOLD), 1011.

10 III

- C₁₀H₈O₂Cl₂** 1:8-Naphthalyl chloride, preparation and reactions of (DAVIES and LEEFER), 1124.

- $C_{10}H_8O_3S$ 1:8-Thionylidihydroxynaphthalene (GREEN), 2344.
 $C_{10}H_7O_2N$ Cyanocinnamic acids (DAVIES and POOLE), 2661.
 $C_{10}H_7O_2Br_5$ Pentabromosafole (PERKIN and TRIKOJUS), 1666.
 $C_{10}H_7O_4N_3$ 1-Phenyl-4-oximino-5-ketopyrazoline-3-carboxylic acid (CHATTAWAY and HUMPHREY), 2137.
 $C_{10}H_8O_3S$ Methyl benzylsulphonate (C. K. and E. H. INGOLD and SHAW), 819.
 $C_{10}H_8O_7N_2$ Ethyl 2:4-dinitrobenzoylformate (FAIRBOURNE and FAWSON), 49.
 $C_{10}H_9O_2N$ Nitrosodihydro- α -naphthols (ROWE and LEVIN), 531.
 $C_{10}H_8O_3N_3$ 1-Phenyl-4-amino-5-ketopyrazoline-3-carboxylic acid, and its hydrochloride (CHATTAWAY and HUMPHREY), 2135.
 $C_{10}H_9O_4N$ Methyl *p*-nitroatropate (BAKER and ECCLES), 2131.
 Nitrobenzoylacetones (BURGESS), 2018.
 6-Nitroisosafole (ROBINSON and ZAKI), 2489.
 $C_{10}H_9O_4Br$ 6-Bromomethylhomopiperonylic acid (STEVENS), 186.
 $C_{10}H_9O_6N$ *m*-Nitrobenzylmalonic acid (BAKER and ECCLES), 2127.
 $C_{10}H_{10}O_{10}Hg$ Mercuretin (MARSH and STRUTHERS), 2658.
 $C_{10}H_{11}ON_3$ *cyclo*Pentanespiro-2:3-dicyanocyclopropane-2-carboxylamide (SIRCAR), 1258.
 $C_{10}H_{11}O_2N$ 6-Aminoisosafole, and its hydrochloride (ROBINSON and ZAKI), 2490.
 5:6-Dimethoxyindole (OXFORD and RAPER), 420.
 2:6-Dimethoxy-4-methylbenzotrile (ROBERTSON and ROBINSON), 2201.
 $C_{10}H_{11}O_2N$ Acetopiperonylmethylamide (MALAN and ROBINSON), 2655.
 4-Nitro-*ar*-tetrahydro- α -naphthol (ROWE and LEVIN), 531.
 $C_{10}H_{11}O_3Cl$ Acetylchlorocresol (OXFORD), 1966.
 $C_{10}H_{11}O_4N$ 6-Hydroxymethylhomopiperonylamide (STEVENS), 182.
 $C_{10}H_{11}O_4N_3$ *m*-Nitrobenzylmalonamide (BAKER and ECCLES), 2127.
 $C_{10}H_{11}O_6N$ Methyl 3-nitro-2:4-dimethoxybenzoate (DADSWELL and KENNER), 587.
 2-Nitro-4:5-dimethoxyphenylacetic acid (OXFORD and RAPER), 419.
 $C_{10}H_{12}O_2Se$ Xylyl-4-selenoglycollic acids (PORRITT), 28. ;
 $C_{10}H_{12}O_4N_2$ Acetylnitro-4-methoxytoluidines (DADSWELL and KENNER), 584.
 Methyl benzylmethylaminoformate (BAKER), 570.
 $C_{10}H_{12}N_2S$ 1-Dimethylaminomethylbenzthiazoles (HUNTER and STYLES), 1212.
 $C_{10}H_{12}ON$ Acetoxylidides, and their salts (DADSWELL and KENNER), 1104.
 $C_{10}H_{12}OCl$ Benzyl γ -chloropropyl ether (BENNETT and HOCK), 474.
 $C_{10}H_{12}O_2N$ Methyl benzylmethylaminoformate (BAKER), 567.
 $C_{10}H_{12}O_2N$ 3:5-Dimethoxyacetanilide (OAKSHOTT and PLANT), 489.
 2:6-Dimethoxy-4-methylbenzamide (ROBERTSON and ROBINSON), 2200.
 $C_{10}H_{12}O_5N$ Oxime from substance $C_{10}H_{12}O_5$ (BHAGVAT and SIMONSEN), 86.
 $C_{10}H_{12}N_2S$ Benzaldehyde *S*-ethylthiosemicarbazone, and its hydrochloride (BAIRD, BURNS, and WILSON), 2529.
 $C_{10}H_{14}O_2N_2$ Dimethylnitro- β -phenylethylamines, salts of (GOSS, HANHART, and INGOLD), 255.
 Nitrobenzyltrimethylamines, picrates of (GOSS, HANHART, and INGOLD), 260.
 $C_{10}H_{14}O_3S$ α -Phenylbutanesulphonic acid, sodium salt (EVANS, MABBOTT, and TURNER), 1166.
 $C_{10}H_{14}N_2S$ *s*-Tolyldimethylthiocarbamides (HUNTER and STYLES), 1212.
 $C_{10}H_{15}ON$ Methoxybenzylidimethylamines, and their hydrochlorides (STEDMAN), 1904.
 $C_{10}H_{15}O_2N$ β -2:3-Dimethoxyphenylethylamine, and its salts (HAWORTH), 2283.
*cyclo*Hexanediacetimide (SIRCAR), 604.

- $C_{10}H_{15}O_5Cl$ Trihydroxymethoxyflavylium chlorides (ROBERTSON and ROBINSON), 1715.
- $C_{10}H_{16}O_4N_6$ 2:2-Dimethylcyclopentane-3:4-dione-1-carboxylic acid disemicarbazone (GIBSON, HARIHARAN, and SIMONSEN), 3014.
- $C_{10}H_{17}ON$ α -Ethyl- Δ^1 -cyclohexenylacetamide (KON and NARAYANAN), 1540.
- $C_{10}H_{18}O_4S$ Ethyl thiodipropionate (BENNETT and SCORAH), 196.
- $C_{10}H_{19}ON_2$ δ -Methyl- γ -ethyl- Δ^5 -hexen- β -one semicarbazone (KON and NARAYANAN), 1545.
- $C_{10}H_{19}O_6N$ Substance, from oxidation of tetramethyl γ -fructose (HAWORTH, HIRST, and NICHOLSON), 1521.
- $C_{10}H_{20}O_2N_2$ *l*-Arabotrimethoxyglutaromethylamide (HAWORTH and JONES), 2353.
- i*-Trimethoxyglutaromethylamide (HAWORTH and JONES), 2352.
- $C_{10}H_{22}N_2I_2$ *s*-Tetramethyldiethylethylenediammonium di-iodide (HANHART and INGOLD), 1011.

10 IV

- $C_{10}H_4O_6N_2Cl_6$ Anhydro-3:5-dinitro- $2\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene (CHATTAWAY and MORRIS), 2015.
- $C_{10}H_5O_4Cl_3S$ Anhydro-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene-5-sulphonyl chloride (CHATTAWAY and MORRIS), 2016.
- $C_{10}H_6ONCl$ *o*-Cyanoallocinnamyl chloride (DAVIES and POOLE), 2663.
- $C_{10}H_6O_2Cl_3S$ Anhydro-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene-5-sulphonic acid, and its ammonium salt (CHATTAWAY and MORRIS), 2014.
- $C_{10}H_8O_2NCl$ 6-Chloromethylhomopiperonylonitrile (STEVENS), 182.
- $C_{10}H_8O_2N_2Cl_2$ $\omega\omega$ -Dichloro-3:5-dinitro-2-ethoxyacetophenone (CHATTAWAY and MORRIS), 2016.
- $C_{10}H_9O_2NS$ Carbethoxyphenylthiocarbimides (DYSON, GEORGE, and HUNTER), 441.
- $C_{10}H_9O_3NS$ 3-Keto-2:3-dihydro-1:4-benzthiazine-2-acetic acid (MILLS and WHITWORTH), 2751.
- $C_{10}H_{10}O_2N_2Cl_2$ Ethyl glyoxylate 2:4-dichlorophenylhydrazone (CHATTAWAY and BENNETT), 2851.
- $C_{10}H_{10}O_2N_2Br_2$ Ethyl glyoxylate 2:4-dibromophenylhydrazone (CHATTAWAY and BENNETT), 2852.
- $C_{10}H_{10}O_2N_2S$ 1-Amino-5-carbethoxybenzthiazole (DYSON, HUNTER, and MORRIS), 1190.
- $C_{10}H_{10}O_3NCl$ Ethyl β -4-hydroxypiperidylacetate methochloride (MILLS, PARKIN, and WARD), 2624.
- $C_{10}H_{11}ONS$ 4-Keto-2-methyltetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2749.
- $C_{10}H_{12}ONCl$ Chloroaceto-*m*-2-xylylides (DADSWELL and KENNER), 1106.
- $C_{10}H_{12}ONI$ 1-Methylbenzoxazole ethiodide (HAMER), 2803.
- $C_{10}H_{12}ON_2S$ 1-Dimethylamino-5-methoxybenzthiazole (HUNTER and STYLES), 1212.
- $C_{10}H_{12}O_2NBr$ Methylbromopiperonylethylamine, and its salts (STEVENS), 185.
- $C_{10}H_{12}O_2N_2S$ Carbethoxyphenylthiocarbimides (DYSON, GEORGE, and HUNTER), 441.
- $C_{10}H_{12}N_2Br_4S$ 1-Dimethylamino-3-methylbenzthiazole tetrabromide (HUNTER and STYLES), 1212.
- $C_{10}H_{12}N_2Br_6S$ 1-Dimethylamino-5-methylbenzthiazole hexabromide (HUNTER and STYLES), 1213.
- $C_{10}H_{12}N_2Br_4S$ 1-Dimethylamino-5-methylbenzthiazole tetrabromide hydrobromide (HUNTER and STYLES), 1212.
- $C_{10}H_{14}ON_2S$ *s-p*-Methoxyphenyldimethylthiocarbamide (HUNTER and STYLES), 1212.

- $C_{10}H_{16}O_2N_2I$ *p*-Nitrobenzyltrimethylammonium iodide (STEDMAN), 1905.
 $C_{10}H_{16}O_5N_2AS$ 3-Nitro-6-diethylaminophenylarsinic acid (BURTON and GIBSON), 2388.
 $C_{10}H_{20}O_3NBr$ Ethyl 4-hydroxy-1-piperidylacetate methobromides (MILLS, PARKIN, and WARD), 2622.

10 V

- $C_{10}H_5O_4NCl_3S$ Anhydro-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene-5-sulphondichloroamide (CHATTAWAY and MORRIS), 2017.
 $C_{10}H_7O_4NCl_3S$ Anhydro-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene-5-sulphonamide (CHATTAWAY and MORRIS), 2017.
 $C_{10}H_{10}O_2N_2ClBr$ Ethyl glyoxylate chlorobromophenylhydrazones (CHATTAWAY and BENNETT), 2852.
 $C_{10}H_{10}O_2N_2Br_2S$ 1-Amino-5-carbomethoxybenzthiazole dibromide (DYSON, HUNTER, and MORRIS), 1190.
 $C_{10}H_{12}ON_2Cl_5Mo$ Dipyrindinium molybdenyl pentachloride (JAMES and WARDLAW), 2148.
 $C_{10}H_{12}ON_2Br_4S$ 1-Dimethylamino-5-methoxybenzthiazole tetrabromide (HUNTER and STYLES), 1212.
 $C_{10}H_{13}O_2N_2Cl_7As$ 3-Nitro-6-diethylaminophenylarsenic chloride (BURTON and GIBSON), 2388.

 C_{11} Group.

- $C_{11}H_8Br_2$ 5-Bromo- α -naphthylmethyl bromide (SHOESMITH and RUBLI), 3104.
 $C_{11}H_{10}O_3$ 4-Methoxy-3-methylcoumarin (HEILBRON and HILL), 1707.
 $C_{11}H_{10}O_5$ 3:4-Dimethoxyhomophthalic anhydride (HAWORTH, KOEFLI, and PERKIN), 551.
 $C_{11}H_{10}O_6$ *O*-Diacetylphloroglucinaldehyde (ROBERTSON and ROBINSON), 1712.
 $C_{11}H_{12}O_5$ 6-Methoxymethylhomopiperonylic acid, and its silver salt (STEVENS), 185.
 5-Methylcarbonato-orecylaldehyde 3-methyl ether (HIRST), 2495.
 $C_{11}H_{12}N_2$ 8-Amino-2:4-dimethylquinoline (ROBERTS and TURNER), 1856.
 $C_{11}H_{14}O_3$ Ethyl *m*-tolylxyacetate (SMITH), 176.
 Propylvanillins (DICKINSON, HEILBRON, and IRVING), 1895.
 $C_{11}H_{14}O_5$ *O*-Acetylantirol (CHAPMAN, PERKIN, and ROBINSON), 3029.
 $C_{11}H_{14}O_6$ ω -5:6-Trimethoxyresacetophenone (CHAPMAN, PERKIN, and ROBINSON) 3033.
 $C_{11}H_{16}O_2$ Benzyl δ -hydroxybutyl ether (BENNETT and HOCK), 475.
 4-*n*-Butoxyanisole (CLARKE, ROBINSON, and SMITH), 2651.
 $C_{11}H_{16}O_4$ Methyl 4-hydroxy-2:2:3-trimethyl- Δ^3 -cyclohexen-5-one-1-carboxylate (BHAGVAT and SIMONSEN), 82.
 $C_{11}H_{16}O_6$ Acetyl- α -keto- $\beta\beta\gamma\gamma$ -tetramethylglutaric hydroxylactone (ROTHSTEIN and SHOPPEE), 534.
 $C_{11}H_{18}O_2$ $\beta\beta$ -Diisobutylacrylic acid (KON and MAY), 1554.
 $C_{11}H_{18}O_4$ α -Ethylcyclopentane-1:1-diacetic acid, and its silver salt (KON and NARAYANAN), 1544.
 $C_{11}H_{18}O_6$ Dimethyl γ -mannonolactone-acetone (GOODYEAR and HAWORTH), 3142.
 $C_{11}H_{20}O_3$ Ethyl-1-hydroxy- α -ethylcyclopentaneacetate (KON and NARAYANAN), 1543.
 $C_{11}H_{20}O_7$ Substance, from oxidation of tetramethylfructose (HAWORTH, HIRST, and LEARNER), 1047; (AVERY, HAWORTH, and HIRST), 2313.

11 III

- $C_{11}H_5O_3Cl_7$ Acid chloride of anhydro-5-carboxy-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene (CHATTAWAY and PRATS), 689.

- $C_{11}H_6O_4Cl_6$ Anhydro-5-carboxy-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene (CHATTAWAY and PRATS), 687.
 $C_{11}H_7NCl_4$ Tetrachloro-2:4-dimethylquinolines (ROBERTS and TURNER), 1848.
 $C_{11}H_8O_4N_2$ Anhydrodiketosuccinic acid tolylhydrazones (CHATTAWAY and HUMPHREY), 2794.
 $C_{11}H_8O_8N_4$ Ethyl 2:4:6-trinitrophenylcyanoacetate (FAIRBOURNE and FAWSON) 48.
 $C_{11}H_8NCl_3$ Trichloro-2:4-dimethylquinolines (ROBERTS and TURNER), 1852.
 $C_{11}H_9OBr$ 5-Bromo- α -naphthylcarbinol (SHOESMITH and RUBLI), 3104.
 4-Bromo- α -naphthyl methyl ether (SHOESMITH and RUBLI), 3102.
 $C_{11}H_9O_5Br$ 6-Bromo-3:4-dimethoxyhomophthalic anhydride (HAWORTH, KOEPLI, and PERKIN), 551.
 $C_{11}H_9O_9N_3$ Ethyl 2:4-dinitrophenylcyanoacetate, and its sodium salt (FAIRBOURNE and FAWSON), 47.
 $C_{11}H_9NCl_2$ Dichloro-2:4-dimethylquinolines (ROBERTS and TURNER), 1846.
 $C_{11}H_{10}ON_2$ 3-Keto-3:4:5:6-tetrahydro-4-carboline (MANSKE and ROBINSON), 242.
 $C_{11}H_{10}O_2N_2$ 8-Nitro-2:4-dimethylquinoline (ROBERTS and TURNER), 1856.
 $C_{11}H_{10}O_5N_2$ Diketosuccinic acid tolylhydrazones (CHATTAWAY and HUMPHREY), 2794.
 $C_{11}H_{10}NCl$ Chloro-2:4-dimethylquinolines (ROBERTS and TURNER), 1845.
 $C_{11}H_{10}NBr$ 4-Bromo-2-methyl- α -naphthylamine (SHOESMITH and RUBLI), 3103.
 $C_{11}H_{10}N_2Cl_2$ Dichloroamino-2:4-dimethylquinolines (ROBERTS and TURNER), 1850.
 $C_{11}H_{11}O_3Br$ 4-Bromo-6:7-dimethoxy-1-hydrindone (HAWORTH, KOEPLI, and PERKIN), 550.
 $C_{11}H_{11}O_4N$ 5:6-Dimethoxyindole-2-carboxylic acid (OXFORD and ROPER), 420.
 $C_{11}H_{11}O_4Cl_3$ 5-Carboxy-2-ethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene (CHATTAWAY and PRATS), 689.
 $C_{11}H_{11}O_4Br$ Methyl 6-bromomethylhomopiperonylate (STEVENS), 186.
 $C_{11}H_{11}O_6Br$ 6-Bromo-3:4-dimethoxyhomophthalic acid (HAWORTH, KOEPLI, and PERKIN), 551.
 $C_{11}H_{11}N_2Cl$ Chloroamino-2:4-dimethylquinolines (ROBERTS and TURNER), 1848.
 $C_{11}H_{13}ON$ γ -Benzyloxybutyronitrile (BENNETT and HOCK), 474.
 $C_{11}H_{13}ON_3$ β -3-Indolylpropionhydrazide (MANSKE and ROBINSON), 241.
 $C_{11}H_{13}O_4Br$ β -6-Bromoveratrylpropionic acid (HAWORTH, KOEPLI, and PERKIN), 550.
 $C_{11}H_{13}N_3S$ Benzaldehyde *S*-allylthiosemicarbazone, and its hydrochloride (BAIRD, BURNS, and WILSON), 2530.
 $C_{11}H_{15}ON_3$ *meso*-1-Carbamyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 345.
 $C_{11}H_{15}OCl$ Benzyl chlorobutyl ether (BENNETT and HOCK), 476.
 $C_{11}H_{15}O_3N$ β -2:3-Dimethoxyphenylpropionamide (HAWORTH), 2282.
 $C_{11}H_{15}O_4N$ Nitro-4-*n*-butoxyanisole (CLARKE, ROBINSON, and SMITH), 2649.
 $C_{11}H_{15}O_5N_3$ Antiarolaldehyde semicarbazone (CHAPMAN, PERKIN, and ROBINSON), 3030.
 Semicarbazone from substance $C_{10}H_{12}O_5$ (BHAGVAT and SIMONSEN), 86.
 $C_{11}H_{15}N_3S$ Acetone δ -benzylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2530.
 Benzaldehyde *S*-propylthiosemicarbazone, and its hydrochloride (BAIRD, BURNS, and WILSON), 2529.
 $C_{11}H_{16}ON_4$ Methyl ethyl ketone δ -anilinosemicarbazone (BAIRD and WILSON), 2115.
 $C_{11}H_{16}O_2N_2$ Trimethylnitro- β -phenylethylamines, salts of (GOSS, HANHART, and INGOLD), 257.

- $C_{11}H_{16}O_3Br$ Methyl 5:5-dibromo-2:2:3-trimethylcyclohexan-4-one-1-carboxylate (BHAGVAT and SIMONSEN), 82.
 $C_{11}H_{17}ON$ Methylephedrine, and their salts (SMITH), 2057.
 $C_{11}H_{17}O_4N$ Methyl 5-oximino-2:2:3-trimethylcyclohexan-4-one-1-carboxylate (BHAGVAT and SIMONSEN), 87.
 $C_{11}H_{19}O_4N_2$ Methyl 4-hydroxy-2:2:3-trimethyl- Δ^3 -cyclohexen- ζ -one-1-carboxylate dioxide (BHAGVAT and SIMONSEN), 82.
 $C_{11}H_{21}ON_2$ δ -*d*-Bornylsemicarbazides, and their hydrochlorides (GOODSON), 1998.
 $C_{11}H_{25}O_2N_2$ *n*-Nonanedicarboxamide (BARNICOAT), 2928.
 $C_{11}H_{23}N_3S$ Acetone δ -heptylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2533.

11 IV

- $C_{11}H_5O_2NCl_6$ Anhydro-5-cyano-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene (CHATTAWAY and PRATS), 688.
 $C_{11}H_7O_2NCl_6$ Amide of anhydro-5-carboxy-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene (CHATTAWAY and PRATS), 689.
 $C_{11}H_7O_2NS_2$ *ON*-Carbonyl-1:8-aminonaphthol-3:6-disulphonic acid, salts (BALABAN and KING), 3091.
 $C_{11}H_8O_2N_2Cl_2$ Dichloronitro-2:4-dimethylquinoline (ROBERTS and TURNER), 1847.
 $C_{11}H_8O_2Cl_4S$ Methyl anhydro-2- $\beta\beta\beta$ -trichloro- α -hydroxyethyl-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene-5-sulphonate (CHATTAWAY and MORRIS), 2017.
 $C_{11}H_8O_2N_2Cl$ Ethyl 2:4-dinitrochlorophenylcyanoacetate (FAIRBOURNE and FAWSON), 50.
 $C_{11}H_8O_2N_2Br$ Ethyl 2:4-dinitrobromophenylcyanoacetate (FAIRBOURNE and FAWSON), 49.
 $C_{11}H_8O_2N_2Br$ Ethyl-2:4-dinitrobromophenylhydroxycyanoacetate (FAIRBOURNE and FAWSON), 50.
 $C_{11}H_9O_2N_2Cl$ Chloronitro-2:4-dimethylquinolines (ROBERTS and TURNER), 1848.
 $C_{11}H_{10}O_2NCl$ γ -Chloro- α -cyanopropyl benzoate (CRAWFORD and KENYON), 400.
 $C_{11}H_{10}O_4NBr$ 6-Bromo-2-carboxy-3:4-dimethoxyphenylacetone nitrile (HAWORTH, KOEFLI, and PERKIN), 551.
 4-Bromo-2-*is*nitroso-6:7-dimethoxy-1-hydrindone (HAWORTH, KOEFLI, and PERKIN), 550.
 $C_{11}H_{11}ONCl_2$ β -Dichloroanilinopropenyl methyl ketones (ROBERTS and TURNER), 1843.
 $C_{11}H_{11}O_2NS$ Acetyl-4-ketotetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2750.
 $C_{11}H_{11}O_2NS$ 4-Ketotetrahydro-1:5-heptabenzthiazine-2-acetic acids, and their salts (MILLS and WHITWORTH), 2743.
 $C_{11}H_{11}O_4N_2Br_2$ 1:3-Dibromo-2:4-dinitro-5-piperidinobenzene (LE FÈVRE and TURNER), 1119.
 $C_{11}H_{12}ONCl$ β -Chloroanilinopropenyl methyl ketones (ROBERTS and TURNER), 1842.
 $C_{11}H_{12}O_2N_2Cl_2$ 4:5-Dichloro-1-nitro-2-piperidinobenzene (LE FÈVRE and TURNER), 1117.
n-Propyl glyoxylate 2:4-dichlorophenylhydrazone (CHATTAWAY and BENNETT), 2851.
 $C_{11}H_{12}O_2N_2Br_2$ *n*-Propyl glyoxylate 2:4-dibromophenylhydrazone (CHATTAWAY and BENNETT), 2852.
 $C_{11}H_{12}O_3NBr$ 4-Bromo-6:7-dimethoxy-1-hydrindone oxime (HAWORTH, KOEFLI, and PERKIN), 550.
 $C_{11}H_{12}O_4N_4S$ Penthian-4-one 2:4-dinitrophenylhydrazone (BENNETT and SCORAH), 199.

- C₁₁H₁₂NBrS** 1-Methylbenzthiazole allobromide (HAMER), 2802.
C₁₁H₁₂O₂NS *o*-Diacetylaminothioanisole (MILLS and WHITWORTH), 2752.
C₁₁H₁₂O₂N₂Cl 2-Chloro-4-nitropiperidinobenzene (LE FÈVRE and TURNER), 1117.
C₁₁H₁₂O₂N₂Br 4-Bromo-2-nitropiperidinobenzene (LE FÈVRE and TURNER), 1117.
C₁₁H₁₄ON₂S 1-Dimethylamino-5-ethoxybenzthiazole (HUNTER and STYLES), 1212.
C₁₁H₁₂O₂N₂S *S*-*o*-Carbethoxybenzylthiosemicarbazide, dihydrochloride of (BAIRD, BURNS, and WILSON), 2530.
C₁₁H₁₂O₅N₂As 3-Nitro-4-piperidinophenylarsinic acid, and its salts (KING), 1053.
C₁₁H₁₄ON₂S *s-p*-Ethoxyphenyldimethylthiocarbamide (HUNTER and STYLES), 1212.
C₁₁H₁₆O₂NI Piperonylmethyltrimethylammonium iodide (MALAN and ROBINSON), 2655.
C₁₁H₁₇O₂NS Benzylsulphondiethylamide (C. K. and E. H. INGOLD and SHAW), 819.
C₁₁H₁₇O₃N₂As 3-Amino-4-piperidinophenylarsinic acid, and its salts (KING), 1053.

11 V

- C₁₁H₁₄ON₂Br₄S** 1-Dimethylamino-5-ethoxybenzthiazole tetrabromide (HUNTER and STYLES), 1212.

C₁₂ Group.

- C₁₂H₂₀** 8 ϵ -Dimethyl- $\alpha\zeta$ -diethylhexatriene (FARMER, LAROA, SWITZ, and THORPE), 2958.

12 II

- C₁₂H₇Br₃** 2:4:6-Tribromodiphenyl (BLAKEY and SCARBOROUGH), 3008.
C₁₂H₈Cl₂ 2:5-Dichlorodiphenyl (SCARBOROUGH and WATERS), 94.
C₁₂H₈Br₂ 2:5-Dibromodiphenyl (SCARBOROUGH and WATERS), 94.
 Dibromodiphenyls (BLAKEY and SCARBOROUGH), 3007.
C₁₂H₁₀O₂ 3-Methoxy- α -naphthaldehyde (SHOESMITH and RUBLI), 3101.
C₁₂H₁₀N₂ Harman (MANSKE, PERKIN, and ROBINSON), 11.
C₁₂H₁₁Br 4-Methyl- α -naphthylmethyl bromide (SHOESMITH and RUBLI), 3102.
C₁₂H₁₂O₂ Methoxy- α -naphthylcarbinols (SHOESMITH and RUBLI), 3102.
C₁₂H₁₂N₂ Harmalan (MANSKE, PERKIN, and ROBINSON), 11.
C₁₂H₁₄O₅ Ethyl 2-hydroxy-1:5-*isophthalate* (CHATTAWAY and PRATS), 690.
 Methyl 6-methoxymethylhomopiperonylate (STEVENS), 185.
C₁₂H₁₄O₆ 4:5-Dimethoxy-2:6-diacetylresorcinol (CHAPMAN, PERKIN, and ROBINSON), 3033.
C₁₂H₁₅N *trans*-Hexahydrocarbazole, and its picrate (GURNEY, PERKIN, and PLANT), 2676.
C₁₂H₁₂N₃ 5-Keto-6-methyl-2:3:4:5-tetrahydropyridine 5-phenylhydrazone, and its hydrochloride (MANSKE, PERKIN, and ROBINSON), 9.
C₁₂H₁₄O₄ Ethyl β -*m*-methoxyphenoxypropionate (PERKIN, RÂY, and ROBINSON), 2097.
 Ethyl phenylmalonate, nitration of (BAKER and INGOLD), 835.
C₁₂H₁₄O₅ 4-Acetoxy-2:2:3-trimethyl- Δ^3 -cyclohexen-5-one-1-carboxylic acid (BHAGVAT and SIMONSEN), 83.
C₁₂H₁₆N₂ Aminohexahydrocarbazoles (GURNEY and PLANT), 1317.
C₁₂H₁₇N 4-Phenyl-1-methylpiperidine, and its salts (MILLS, PARKIN, and WARD), 2618.
C₁₂H₁₈O₂ β -Thujylideneacetic acid (HUGH and KON), 2597.
 Acid, and its silver salt, from dehydration of ethyl thujolacetate (HUGH and KON), 2598.

- C₁₂H₁₈O₃** 4-Methyl-5-*cyclohexanespirocyclopentan*-3-one-1-carboxylic acid (INGOLD and SEELEY), 1689.
- C₁₂H₁₈O₄** *l*-4-Acetyl-2:2:3-trimethyl- Δ^3 -*cyclohexene*-1-carboxylic acid (BHAGVAT, SIMONSEN, and RAO), 88.
- C₁₂H₁₈O₆** 1-Acetoxy-4:4:5-trimethyl*cyclopentane*-1:3-dicarboxylic acid (BHAGVAT and SIMONSEN), 84.
 γ -Mannonolactone-diacetone (GOODYEAR and HAWORTH), 3143.
- C₁₂H₁₉N** β -Phenylethyldimethylethylamine, picrate of (HANHART and INGOLD), 1008.
- C₁₂H₂₀O₄** Ethyl 2:3-dimethyl*cyclobutane*-1:4-dicarboxylate (VOGEL), 1992.
- C₁₂H₂₀N** γ -Phenylpropyltrimethylamine, picrate of (INGOLD and WILSON), 810.
- C₁₂H₂₀Br₂** $\epsilon\zeta$ -Dibromo- $\delta\eta$ -dimethyl- $\Delta\gamma\eta$ -decadiene (FARMER, LAROA, SWITZ, and THORPE), 2957.
- C₁₂H₂₂O₂** 5-Acetyl-1:3:3:4:4-pentamethyl*cyclopentan*-1-ol (VOGEL), 598.
 $\delta\eta$ -Dimethyl- $\Delta\gamma\eta$ -decadiene- $\epsilon\zeta$ -diol (FARMER, LAROA, SWITZ, and THORPE), 2957.
- C₁₂H₂₂O₄** Ethyl $\beta\beta'$ -dimethyladipate (VOGEL), 1991.
 Ethyl hydrogen *isoheptylmalonate* (KON and MAR), 1554.
- C₁₂H₂₂O₁₁** Cellobiose, constitution of (HAWORTH, LONG, and PLANT), 2809.
 Lactose, constitution of (HAWORTH and LONG), 544.
 Maltose, constitution of (HAWORTH, LOACH, and LONG), 3146.
 Melibiose, constitution of (CHARLTON, HAWORTH, and HICKINBOTTOM), 1527 ;
 (HAWORTH, LOACH, and LONG), 3146.
 Sucrose, constitution of (HAWORTH, HIRST, and NICHOLSON), 1513 ; (AVERY, HAWORTH, and HIRST), 2308 ; vapour pressures of mixtures of methyl acetate, water, and (MCKEOWN and STOWELL), 97.
 Turanose (LEITCH), 588.
- C₁₂H₂₄N₂** Pinacolinazine (BAIRD and WILSON), 2116.

12 III

- C₁₂H₈O₈N₄** Tetranitrodiphenyl (BLAKEY and SCARBOROUGH), 3006.
- C₁₂H₆Cl₄S₈** 2:5-Dichlorophenyl trisulphide (BROOKER, CHILD, and SMILES), 1387.
- C₁₂H₆Br₄S₈** 2:5-Dibromophenyl trisulphide (BROOKER, CHILD, and SMILES), 1387.
- C₁₂H₇OBr₃** 3:5:4'-Tribromo-4-hydroxydiphenyl (BELL and ROBINSON), 1131.
- C₁₂H₇O₂N** 1-Cyano-8-naphthoic acid (DAVIES and LEEPER), 1126.
- C₁₂H₇NBr₄** Tetrabromo-3-aminodiphenyl (BLAKEY and SCARBOROUGH), 3005.
- C₁₂H₈OBr₂** 3:4'-Dibromo-4-hydroxydiphenyl (BELL and ROBINSON), 1131.
- C₁₂H₈O₆N₄** 2':3:4'-Trinitro-4-aminodiphenyl (LE FÈVRE, MOIR, and TURNER), 2337.
- C₁₂H₈NCl₃** 2':4:4'-Trichloro-3-aminodiphenyl (BLAKEY and SCARBOROUGH), 3004.
- C₁₂H₈NBr₃** 2:4:6-Tribromo-3-aminodiphenyl (BLAKEY and SCARBOROUGH), 3008.
- C₁₂H₉OBr** Bromo-4-hydroxydiphenyls (BELL and ROBINSON), 1131.
- C₁₂H₉O₂Cl** 3-Methoxy- α -naphthoyl chloride (SHOESMITH and RUBLI), 3101.
- C₁₂H₉O₄N₂** Dinitro-2-aminodiphenyl (SCARBOROUGH and WATERS), 96.
- C₁₂H₉O₆N₅** 2:3:5'-Trinitrobenzidine (LE FÈVRE, MOIR, and TURNER), 2338.
- C₁₂H₉NCl₂** 3:5-Dichloro-2-aminodiphenyl, and its hydrochloride (SCARBOROUGH and WATERS), 92.
- C₁₂H₉NBr₂** 3:5-Dibromo-2-aminodiphenyl (SCARBOROUGH and WATERS), 95.
- C₁₂H₁₀O₂N₂** 4'-Nitro-2-aminodiphenyl (SCARBOROUGH and WATERS), 96.
 Nitro-3-aminodiphenyls (BLAKEY and SCARBOROUGH), 3008.
 γ -Phthalimidobutyronitrile, preparation of (MANSKE, PERKIN, and ROBINSON), 6.
- C₁₂H₁₀NCl** Chloro-3-aminodiphenyls (BLAKEY and SCARBOROUGH), 3003.

- C₁₂H₁₀NBr** 5-Bromo-2-aminodiphenyl, and its hydrochloride (SCARBOROUGH and WATERS), 94.
Bromo-3-aminodiphenyls (BLAKEY and SCARBOROUGH), 3005.
- C₁₂H₁₀Cl₂Si** Diphenylsilicon dichloride, preparation of (KIPPING and MURRAY), 2734.
- C₁₂H₁₁OBr** Methoxy- α -naphthylmethyl bromides (SHOESMITH and RUBLI), 3101.
- C₁₂H₁₁O₂N** Methoxy-1-naphthaldoximes (BRADY and GOLDSTEIN), 1962.
- C₁₂H₁₁O₄N** Methyl 3-hydroxyindole-2-carboxylate (ROBERTSON), 1939.
- C₁₂H₁₁O₄N₃** 1-Phenyl-4-acetylamino-5-ketopyrazoline-3-carboxylic acid (CHATTAWAY and HUMPHREY), 2136.
- C₁₂H₁₁O₆N** Methyl nitrobenzylidenemalonates (BAKER and ECCLES), 2126.
- C₁₂H₁₃O₂N** Methyl β -3-indolylpropionate (MANSKE and ROBINSON), 241.
- C₁₂H₁₃O₂N₃** 1-Nitroanilino-1-cyanocyclopentanes (OAKESHOTT and PLANT), 491.
- C₁₂H₁₃O₂N** 1-Acetyl-5:6-dimethoxyindole (OXFORD and RAPER), 421.
- C₁₂H₁₃O₆N** Methyl nitrobenzylmalonates (BAKER and ECCLES), 2127.
- C₁₂H₁₄O₂N₂** Nitrohexahydrocarbazoles (GURNEY and PLANT), 1317.
- C₁₂H₁₄O₄N₂** 1-Nitroanilino-cyclopentane-1-carboxylic acids (OAKESHOTT and PLANT), 492.
- C₁₂H₁₄NBr** 6-Bromohexahydrocarbazole, and its hydrobromide (GURNEY and PLANT), 1321.
- C₁₂H₁₄N₃Cl** 5-Keto-6-methyl-2:3:4:5-tetrahydropyridine 5-*m*-chlorophenylhydrazone, and its hydrochloride (MANSKE, PERKIN, and ROBINSON), 10.
- C₁₂H₁₅O₃N₃** 1-Nitroanilino-cyclopentane-1-carboxyamides (OAKESHOTT and PLANT), 491.
- C₁₂H₁₆O₄N₂** 8-Nitro-5:6-dimethoxy-2-methyl-1:2:3:4-tetrahydroisoquinoline (HAWORTH), 2284.
- C₁₂H₁₇O₂N** 5:6-Dimethoxy-2-methyl-1:2:3:4-tetrahydroisoquinoline, and its salts (HAWORTH), 2283.
- C₁₂H₁₇O₂N₃** Propylvanillin semicarbazones (DICKINSON, HEILBRON, and IRVING), 1895.
- C₁₂H₁₇O₄N** Methyl ethyl β -cyano- Δ^{δ} -hexene- $\beta\zeta$ -dicarboxylate (FARMER and HEALEY), 1065.
- C₁₂H₁₇N₃S** Acetone δ - α -phenylethylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2532.
Benzaldehyde *S*-butylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2530.
- C₁₂H₁₉O₃N₂** Nitrophenylpropyltrimethylamines, picrates of (INGOLD and WILSON), 811.
- C₁₂H₂₀NI** β -Phenylethyldimethylethylammonium iodide (HANHART and INGOLD), 1007.
- C₁₂H₂₄O₂N₂** *n*-Decanedicarboxamide (BARNICOAT), 2928.

12 IV

- C₁₂H₂ONCl₆** Hexachlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2858.
- C₁₂H₂ONCl₅** 2:6:2':4':6'-Pentachlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2858.
- C₁₂H₂ONCl₇** Heptachloro-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2859.
- C₁₂H₂ONBr₅** Pentabromobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2861.
- C₁₂H₂ONCl₄** 2:6:2':4'-Tetrachlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2857.
- C₁₂H₂ONCl₆** Hexachlorohydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2858.

- $C_{12}H_6O_2NCl_4$ Tetrachloro-3-nitrodiphenyl (BLAKEY and SCARBOROUGH), 3004.
 $C_{12}H_6ONCl_3$ 2:2':4'-Trichlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2857.
 $C_{12}H_6ONCl_5$ 2:6:2':4':6'-Pentachloro-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2858.
 $C_{12}H_6ONBr_5$ Pentabromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2861.
 $C_{12}H_6O_2NCl_3$ Trichloro-3-nitrodiphenyl (BLAKEY and SCARBOROUGH), 3004.
 $C_{12}H_6O_2N_2Cl_3$ Dinitro-4:4'-dichlorodiphenyl ether (LE FÈVRE, SAUNDERS, and TURNER), 1172.
 $C_{12}H_6O_2N_2Br_2$ Dibromodinitrodiphenyl ethers (LE FÈVRE, SAUNDERS, and TURNER), 1171.
 $C_{12}H_6O_2N_2Te$ Dinitrophenoxtellurines (DREW and THOMASON), 122.
 $C_{12}H_7ONCl_2$ 2':4'-Dichloro-3-nitrodiphenyl (BLAKEY and SCARBOROUGH), 3004.
 $C_{12}H_7O_2NBr_2$ 3:4'-Dibromo-5-nitro-4-hydroxydiphenyl (BELL and ROBINSON), 1131.
 Nitro-4:4'-dibromodiphenyl ether (LE FÈVRE, SAUNDERS, and TURNER), 1172.
 $C_{12}H_7O_2NTe$ Nitrophenoxtellurines (DREW and THOMASON), 121.
 $C_{12}H_7O_2N_2Br$ 4-Bromo-3:4'-dinitrodiphenyl (LE FÈVRE, MOIR, and TURNER), 2336.
 $C_{12}H_7O_2N_2Br$ 5-Bromo-3:4'-dinitro-4-hydroxydiphenyl (BELL and ROBINSON), 1133.
 $C_{12}H_8ONCl$ 4'-Chlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2856.
 $C_{12}H_8ONCl_3$ 2:2':4'-Trichloro-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.
 $O_{12}H_8ONBr$ 4'-Bromobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2860.
 $C_{12}H_8O_2NCl$ 4'-Chloro-3-nitrodiphenyl (BLAKEY and SCARBOROUGH), 3003.
 $C_{12}H_8O_2NBr$ 4'-Bromo-3-nitrodiphenyl (BLAKEY and SCARBOROUGH), 3004.
 Bromonitrodiphenyls (SCARBOROUGH and WATERS), 96, 1138.
 $C_{12}H_8O_2N_2Br_2$ 5:4'-Dibromo-3-nitro-4-aminodiphenyl (SCARBOROUGH and WATERS), 1138.
 $C_{12}H_8O_2NBr$ 4-Bromo-4'-nitrodiphenyl ether (LE FÈVRE, SAUNDERS, and TURNER), 1171.
 Bromonitro-4-hydroxydiphenyls (BELL and ROBINSON), 1132.
 $C_{12}H_9ONTe$ 2-Aminophenoxtellurine (DREW and THOMASON), 124.
 $C_{12}H_9O_2N_2Cl$ 4'-Chloro-3-nitro-4-aminodiphenyl (SCARBOROUGH and WATERS), 1138.
 $C_{12}H_9O_2N_2Br$ 4-Bromo-4'-nitro-3-aminodiphenyl (BLAKEY and SCARBOROUGH), 3009.
 Bromonitro-4-aminodiphenyls (SCARBOROUGH and WATERS), 1138.
 $C_{12}H_9O_2N_2AS$ Nitrophenarsazinic acid (GIBSON and JOHNSON), 2514.
 $C_{12}H_{10}ONCl$ 4-Chloro-4'-aminodiphenyl ether (LE FÈVRE, SAUNDERS, and TURNER), 1172.
 4'-Chloro-4-hydroxydiphenylamine, and its toluenesulphonate (BRADFIELD, COOPER, and ORTON), 2856.
 $C_{12}H_{10}ONBr$ 4'-Bromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2860.
 $C_{12}H_{10}ON_2Te$ Diaminophenoxtellurines (DREW and THOMASON), 124.
 $C_{12}H_{10}O_5Cl_3S$ Ethyl anhydro-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene-5-sulphonate (CHATTAWAY and MORRIS), 2017.
 $C_{12}H_{11}O_2N_2S$ Ethyl penthian-4-one-3-carboxylate *p*-nitrophenylpyrazolone (BENNETT and SCORAH), 198.
 $C_{12}H_{11}O_5N_2AS$ Nitrodiphenylamine-6'-arsinic acids (GIBSON and JOHNSON), 2513.

- $C_{12}H_{11}O_6N_2Cl$ Nitrobenzylpyridinium perchlorates (POLLARD and ROBINSON), 2778.
- $C_{12}H_{13}ON_2S$ Ethyl penthian-4-one-3-carboxylate phenylpyrazolone (BENNETT and SCORAH), 198.
- $C_{12}H_{12}O_3NAS$ Diphenylamine-*o*-arsinic acid (GIBSON and JOHNSON), 2507.
- $C_{12}H_{13}O_2NS$ Acetyl-4-keto-2-methyltetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2749.
- $C_{12}H_{14}O_2NCl$ 1-Chloroanilinocyclopentane-1-carboxylic acids (OAKESHOTT and PLANT), 490.
- $C_{12}H_{14}O_2NBr$ 1-Bromoanilinocyclopentane-1-carboxylic acids (OAKESHOTT and PLANT), 490.
- $C_{12}H_{14}O_2N_2Cl_2$ *n*-Butyl glyoxylate 2:4-dichlorophenylhydrazone (CHATTAWAY and BENNETT), 2851.
- $C_{12}H_{15}ON_2Cl$ 1-Chloroanilinocyclopentane-1-carboxyamides (OAKESHOTT and PLANT), 490.
- $C_{12}H_{16}O_2NI$ 5:6-Dimethoxy-3:4-dihydroisoquinoline methiodide (HAWORTH), 2283.
- $C_{12}H_{20}ONI$ *l*-Methylephedrine methiodide (SMITH), 2057.

12 V

- $C_{12}H_4ONCl_2Br_2$ Dichlorotribromobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2862.
- $C_{12}H_4ONCl_3Br_2$ Trichlorodibromobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2863.
- $C_{12}H_4ONCl_3Br_4$ Trichlorotetrabromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2864.
- $C_{12}H_6ONCl_2Br_2$ Dichlorotribromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.
- $C_{12}H_6ONCl_3Br_2$ Trichlorodibromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.
- $C_{12}H_7ONCl_3Br$ Trichlorobromo-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2863.
- $C_{12}H_7O_2NCl_2S_2$ 2:5-Dichlorophenyl 2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1387.
- $C_{12}H_7O_2NBr_2S_2$ 2:5-Dibromophenyl 2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1387.
- $C_{12}H_8O_2N_2ClAS$ Chloronitro-dihydrophenarsazines (GIBSON and JOHNSON), 2514.
- $C_{12}H_8O_2N_2BrAS$ Bromonitro-5:10-dihydrophenarsazine (GIBSON and JOHNSON), 2514.
- $C_{12}H_8O_4NCIS_2$ 4-Chlorobenzenesulphonyl 2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1386.
- $C_{12}H_9O_2N_2Cl_2AS$ 2-Nitrodiphenylamine-6'-dichloroarsine (GIBSON and JOHNSON), 2513.
- $C_{12}H_{11}ON_2BrS$ Ethyl penthian-4-one-3-carboxylate *p*-bromophenylpyrazolone (BENNETT and SCORAH), 198.
- $C_{12}H_{17}O_2NBPI$ Trimethyl-6-bromo- β -piperonyl ethyl ammonium iodide (STEVENS), 184.

 C_{13} Group.

- $C_{13}H_{14}O_4$ 4-Methyl-5-cyclohexanespiro-(0:1:2)-dicyclopentan-3-one-1:2-dicarboxylic anhydride (INGOLD and SEELEY), 1688.
- $C_{13}H_{16}O_3$ 3-Methoxy-4-ethoxystyryl methyl ketone (DICKINSON, HEILBRON, and IRVING), 1894.
- $C_{13}H_{16}O_5$ 4-Methyl-5-cyclohexanespiro-(0:1:2)-dicyclopentan-3-one-1:2-dicarboxylic acid (INGOLD and SEELEY), 1688.
- $C_{13}H_{18}O_3$ Ethyl benzyloxybutyrate (BENNETT and HOCK), 475.

- $C_{13}H_{19}N$ 1- β -Phenylethylpiperidine, and its picrate (POLLARD and ROBINSON), 2779.
 4-Phenyl-1-ethylpiperidine, and its hydrochloride (MILLS, PARKIN, and WARD), 2618.
 $C_{13}H_{20}O$ 2-*iso*Propylidene- β -thujone (HUGH and KON), 2599.
 $C_{13}H_{20}O_2$ *cyclo*Hexanespiro-2-ethylcyclohexane-3:5-dione (KON and NARAYANAN), 1542.
 $C_{13}H_{20}O_5$ Ethyl 3:3-dimethylcyclopentan-2-one-1:4-dicarboxylate (GIBSON, HARIHARAN, and SIMONSEN), 3012.
 $C_{13}H_{22}O_2$ Ethyl dehydroundecenoate, and its metallic derivatives (MYDDLETON and BERCHEM), 1928.

13 III

- $C_{13}H_8OS_2$ 1:3-Benzedithiole-2-*p*-benzoquinone, and its hydrochloride (HURTLEY and SMILES), 536.
 $C_{13}H_8O_2Cl_2$ 3:5-Dichloro-4-hydroxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2868.
 $C_{13}H_8O_2I_2$ 3:5-Di-iodo-4-hydroxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2870.
 $C_{13}H_8O_6N_2$ Dinitro-4-hydroxybenzophenones (BLAKEY, JONES, and SCARBOROUGH), 2871.
 $C_{13}H_8O_2I$ 3-Iodo-4-hydroxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2870.
 $C_{13}H_9NSe$ Phenylbenzelenazole, and its chloroplatinate (CLARK), 2807.
 $C_{13}H_{10}OS_2$ 2-*p*-Hydroxyphenyl-1:3-benzedithiole, and its nitrate (HURTLEY and SMILES), 536.
 $C_{13}H_{10}O_4Cl_4$ Ethyl ester of anhydro-5-carboxy-2- $\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta$ -trichloro- α -hydroxyethylbenzene (CHATTAWAY and PRATS), 689.
 $C_{13}H_{10}O_4N_4$ 3-Nitro-4-hydroxybenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 2380.
 $C_{13}H_{10}O_6Cl_2$ *o,o*-Dichloro-5-carboxy-2-acetoxyacetophenone (CHATTAWAY and PRATS), 691.
 $C_{13}H_{11}OAs$ 10-Methylphenoxarsine (AESCHLIMANN), 414.
 $C_{13}H_{11}O_3N_3$ 3-Nitro-4-nitrosomethylaminodiphenyl (BELL and ROBINSON), 1130.
 $C_{13}H_{11}O_4N_3$ 2:5-Dihydroxybenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 2340.
 $C_{13}H_{11}O_4N_5$ 3-Nitro-4-aminobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 23.
 $C_{13}H_{11}O_7N_5$ 3:5-Diketo-2-*p*-nitrophenyltetrahydro-1:2:4-triazine-6-carboxylic acid urethane (WHITELEY and YAPP), 527.
 $C_{13}H_{12}ON_2$ Harmine (MANSKE, PERKIN, and ROBINSON), 1.
 $C_{13}H_{12}O_3N_3$ 3-Benzeneazo-2:6-dimethylpyrone (MULLEN and CROWE), 1753.
 $C_{13}H_{12}O_4N_3$ 5-Methoxysalicylaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 2340.
 $C_{13}H_{12}O_6N_4$ 3:5-Diketo-2-phenyltetrahydro-1:2:4-triazine-6-carboxylic acid urethane (WHITELEY and YAPP), 526.
 $C_{13}H_{12}N_2S$ 2-Dimethylamino- β -naphthathiazole (HUNTER and STYLES), 1213.
 $C_{13}H_{12}NAS$ 10-Methyl-5:10-dihydrophenarsazine (AESCHLIMANN), 416.
 $C_{13}H_{13}O_3N$ Methylmethoxy-1-naphthaldoximes (BRADY and GOLDSTEIN), 1963.
 $C_{13}H_{13}O_3As$ 10-Methylphenoxarsine dihydroxide (AESCHLIMANN), 414.
 $C_{13}H_{13}O_4N_3$ Ethyl 2:4-dinitrophenylethylcyanoacetate, and its silver salt (FAIRBOURNE and FAWSON), 48.
 $C_{13}H_{14}ON_2$ Harmaline (MANSKE, PERKIN, and ROBINSON), 1.
 $C_{13}H_{14}O_3N_2$ Nitro- β -naphthyltrimethylamine, salts of (INGHAM), 1974.

- C₁₃H₁₄O₃N₂** 10-Nitro- ψ -indoxylspirocyclohexane (BETTS, MUSPRATT, and PLANT), 1313.
- C₁₃H₁₄O₅N₂** Ethyl hydrogen diketosuccinate tolylhydrazones (CHATTAWAY and HUMPHREY), 2794.
- C₁₃H₁₄O₇N₂** 3-Nitro-4-acetamidobenzylidene diacetate (HODGSON and BEARD), 22.
- C₁₃H₁₄NI** Lepidine alliodide (HAMER), 2802.
- C₁₃H₁₄N₂S** *s*- α -Naphthylidimethylthiocarbamide (HUNTER and STYLES), 1213.
- C₁₃H₁₆ON** ψ -Indoxylspirocyclohexane, and its sodium salt (BETTS, MUSPRATT, and PLANT), 1313.
*cyclo*Pentenylacetanilide (KON and NARAYANAN), 1547.
*cyclo*Pentylideneacetanilide (KON and NARAYANAN), 1547.
- C₁₃H₁₆O₄N** 1-Carboxyanilinocyclopentane-1-carboxylic acids (OAKESHOTT and PLANT), 493.
- C₁₃H₁₆O₅N** Ethyl *p*-nitrobenzylacetoacetate (BURGESS), 2019.
- C₁₃H₁₆O₅Br** 2-Bromo-4-methyl-5-cyclohexanespiro-(0:1:2)dicyclopentan-3-one-1:2-dicarboxylic acid (INGOLD and SEELEY), 1689.
- C₁₃H₁₆O₂N₂** 5-Nitro-9-methylhexahydrocarbazole (GURNEY and PLANT), 1318.
- C₁₃H₁₆O₃N₂** 1-Carboxyanilinocyclopentane-1-carboxyamides (OAKESHOTT and PLANT), 492.
- C₁₃H₁₇O₂N** 1-Anilincyclohexane-1-carboxylic acid (BETTS, MUSPRATT, and PLANT), 1312.
 1-Toluidinocyclopentane-1-carboxylic acids (OAKESHOTT and PLANT), 486.
 Substance, from salicylaldehyde and β -hydroxylamino- β - γ -dimethyl- Δ -7-butene (EARL and KENNER), 2142.
- C₁₃H₁₇O₃N** 1-*p*-Anisidincyclopentane-1-carboxylic acid (OAKESHOTT and PLANT), 488.
- C₁₃H₁₇O₂N₂** 3:4-Dimethoxystyryl methyl ketone semicarbazone (DICKINSON, HEILBRON, and IRVING), 1892.
- C₁₃H₁₆ON₂** 1-Anilincyclohexane-1-carboxylamide (BETTS, MUSPRATT, and PLANT), 1311.
- C₁₃H₁₆O₄N** Methyl ethyl β -cyano- γ -methyl- Δ^{δ} -hexene- β - ζ -dicarboxylate (FARMER and HEALEY), 1065.
- C₁₃H₂₀NI** Benzylmethylpiperidinium iodide (POLLARD and ROBINSON), 2776.
- C₁₃H₂₁O₃N₂** 4-Methyl-5-cyclohexanespirocyclopentan-3-one-1-carboxylic acid semicarbazone (INGOLD and SEELEY), 1689.
- C₁₃H₂₂O₄N₆** Methyl 4-hydroxy-2:2:3-trimethyl- Δ^3 -cyclohexen-5-one-1-carboxylate disemicarbazone (BHAGVAT and SIMONSEN), 83.
- C₁₃H₂₅O₂N₃** 5-Acetyl-1:3:3:4:4-pentamethylcyclopentan-1-ol semicarbazones (VOGEL), 598.

13 IV

- C₁₃H₆ON₃Cl₂** *cycloazi*-2:4:6-Trichlorophenylbenztriazone (CHATTAWAY and WALKER), 329.
- C₁₃H₇ON₃Cl₂** *cycloazi*-2:4-Dichlorophenylbenztriazone (CHATTAWAY and WALKER), 328.
- C₁₃H₇ON₃Br₂** 2:4-Dibromophenylbenztriazones (CHATTAWAY and WALKER), 329.
- C₁₃H₆ONCl₃** 2:4:6-Trichlorobenzanilide (CHAPMAN), 1749.
- C₁₃H₆ON₃Br** *p*-Bromophenylbenztriazones (CHATTAWAY and WALKER), 328.
- C₁₃H₆O₂N₂Cl₂** 4:4'-Dichloro-3:3'-dinitrodiphenylmethane (LE FÈVRE and TURNER), 1120.
- C₁₃H₆O₂N₃Br** 2:4:6-Trinitro-3-hydroxybenzaldehyde *p*-bromophenylhydrazone (HODGSON and BEARD), 2379.
- C₁₃H₆O₂N₆S** *s*-Bis-3:5-dinitrophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 444.

- $C_{13}H_9N_2Br_4S$ *s*-Di-2:5-dibromophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 443.
- $C_{13}H_9ONCl_2$ *o*-Hydroxybenzylidenedichloroanilines (ROBERTS and TURNER), 1843.
- $C_{13}H_9O_2N_2Cl_2$ 3:4-Dichlorobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 25.
- 2:4-Dichlorodiazoaminobenzene-2'-carboxylic acid (CHATTAWAY and WALKER), 333.
- $C_{13}H_9O_2N_2Br_2$ 3:4-Dibromobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 26.
- 2:4-Dibromodiazoaminobenzene-2'-carboxylic acid (CHATTAWAY and WALKER), 332.
- $C_{13}H_9O_2N_2I_2$ 3:4-Di-iodobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 27.
- $C_{13}H_9O_2N_2Br_2$ β -*o*-Nitrobenzoyl-2:4-dibromophenylhydrazine (CHATTAWAY and WALKER), 331.
- $C_{13}H_9O_2N_4Br$ Dinitrohydroxybenzaldehyde *p*-bromophenylhydrazones (HODGSON and BEARD), 2379.
- $C_{13}H_9O_4N_4Cl$ 4-Chloro-3-nitrobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 24.
- $C_{13}H_9O_4N_4Br$ 4-Bromo-3-nitrobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 24.
- $C_{13}H_9O_4N_4I$ 4-Iodo-3-nitrobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 25.
- $C_{13}H_{10}ONCl$ *o*-Hydroxybenzylidene-3-chloroaniline (ROBERTS and TURNER), 1843.
- $C_{13}H_{10}ONAs$ 9-Methylcarbazole-3-arsenious oxide (BURTON and GIBSON), 2387.
- $C_{13}H_{10}O_2Cl_2S_3$ 4-Toluenesulphonyl-2:5-dichlorophenyl disulphide (BROOKER, CHILD, and SMILES), 1386.
- $C_{13}H_{10}O_2N_2Cl$ Chlorohydroxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and JENKINSON), 1741.
- $C_{13}H_{10}O_2N_2Br$ Bromohydroxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and JENKINSON), 3041.
- 3-Nitro-4-hydroxybenzaldehyde *p*-bromophenylhydrazone (HODGSON and BEARD), 2380.
- $C_{13}H_{10}O_2N_2I$ Iodohydroxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and JENKINSON), 3043.
- $C_{13}H_{10}O_2N_2S$ *m*-Nitrophenylnitrobenzylsulphones (CHATTERJEE and ROBINSON), 2782.
- $C_{13}H_{10}NCl_2As$ 9-Methylcarbazole-3-arsenious chloride (BURTON and GIBSON), 2387.
- $C_{13}H_{10}N_2Br_2S$ *s*-Di-*o*-bromophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 443.
- $C_{13}H_{11}ON_2Br_2$ *o*-Aminobenzoyl-2:4-dibromophenylhydrazine (CHATTAWAY and WALKER), 330.
- $C_{13}H_{11}O_4NS$ *m*-Nitrophenylbenzylsulphone (CHATTERJEE and ROBINSON), 2782.
- $C_{13}H_{11}O_4NS_2$ 4-Toluenesulphonyl 2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1386.
- $C_{13}H_{11}NCIAs$ 10-Chloro-4-methyl-5:10-dihydrophenarsazine (GIBSON and JOHNSON), 2510.
- $C_{13}H_{11}NBrAs$ 10-Bromomethyl-5:10-dihydrophenarsazines (GIBSON and JOHNSON), 2509.
- $C_{13}H_{12}ONBr$ Aceto-4-bromo-2-methyl- α -naphthalide (SHOESMITH and RUBLI), 3103.
- $C_{13}H_{12}O_2NAs$ Methylphenarsazinic acids, and their salts (GIBSON and JOHNSON), 2509.

- $C_{13}H_{15}O_3NAS$ 9-Methylcarbazole-3-arsinic acid (BURTON and GIBSON), 2386.
 $C_{13}H_{15}O_4N_2S$ *p*-Toluenesulphon-2-nitroanilide (BELL and ROBINSON), 1129.
 $C_{13}H_{15}O_5N_2AS$ Carboxydiphenylamine-6'-arsinic acids (BURTON and GIBSON), 248.
 $C_{13}H_{15}O_{13}N_4AS_2$ *s*-Carbamido-5-nitro-4-amino-2-hydroxyphenylarsinic acid, and its salts (KING), 1056.
 $C_{13}H_{15}N_2Br_4S$ 2-Dimethylamino- β -naphthathiazole tetrabromide (HUNTER and STYLES), 1213.
 $C_{13}H_{14}O_3NAS$ Methyl-diphenylaminearsinic acids (GIBSON and JOHNSON), 2508.
 $C_{13}H_{14}O_9N_2AS_2$ *s*-Carbamido-4-amino-2-hydroxyphenylarsinic acid (KING), 1055.
 $C_{13}H_{14}ONS$ 3-Keto-2-benzyl-2:3-dihydro-1:4-benzthiazine (MILLS and WHITWORTH), 2748.
 $C_{13}H_{14}O_9NS$ Ethyl 3-keto-2:3-dihydro-1:4-benzthiazine-2-propionate (MILLS and WHITWORTH), 2745.
 Ethyl 4-ketotetrahydro-1:5-heptabenzthiazine-2-acetates (MILLS and WHITWORTH), 2743.
 $C_{13}H_{14}O_9N_4AS_2$ *s*-4-Carbamido-4:5-diamino-2-hydroxyphenylarsinic acid (KING), 1056.
 $C_{13}H_{14}O_2N_2S$ Nitrophenyl β -piperidinoethyl sulphides (BENNETT and BERRY), 1680.
 $C_{13}H_{14}O_5N_2S$ 1-*o*-Anisidino-cyclopentane-1-carboxamide-5'-sulphonic acid, sodium salt (OAKESHOTT and PLANT), 488.
 $C_{13}H_{15}O_2N_2I$ Nitrobenzylmethylpiperidinium iodides (POLLARD and ROBINSON), 2777.
 $C_{13}H_{15}O_4N_2AS$ 3-Acetamido-4-piperidinophenylarsinic acid (KING), 1053.

13 V

- $C_{13}H_9O_2NCIAs$ 10-Chloro-5:10-dihydrophenarsazinecarboxylic acids (BURTON and GIBSON), 249.
 $C_{13}H_9O_2N_3ClBr$ Chlorobromobenzaldehyde *p*-nitrophenylhydrazones (HODGSON and BEARD), 25.
 $C_{13}H_9O_2N_3ClI$ Chloriodobenzaldehyde *p*-nitrophenylhydrazones (HODGSON and BEARD), 26.
 $C_{13}H_9O_2N_3BrI$ Bromiodobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 26.
 $C_{13}H_{10}O_4NCIS_2$ 4-Toluenesulphonyl 4-chloro-2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1386.

13 VII

- $C_{13}H_{25}O_4N_3Cl_4BrSPT$ Tetrachloro (triaminopropane- α -bromocamphor- π -sulphonate) platinum (MANN), 1231.

 C_{14} Group.

- $C_{14}H_{10}$ Phenanthrene, synthesis of (KENNER and WILSON), 1103.

14 II

- $C_{14}H_8O_4$ Quinizarin, structure of (GREEN), 2384.
 $C_{14}H_{10}O_2$ Benzil, surface tension and density of (GARNER and SUGDEN), 2882.
 Dihydroxyanthracenes (GREEN), 555.
 $C_{14}H_{10}O_6$ *o*-Benzoylphloroglucinaldehyde (ROBERTSON and ROBINSON), 1713.
 Di-*p*-carboxydiphenyl ether, and its silver salt (REILLY, DRUMM, and BARRETT), 70.
 1:3-Dihydroxy-7-methoxyxanthone (SHINODA), 1985.
 $C_{14}H_{12}O_3$ 1-Methoxydiphenyl-1'-carboxylic acid (RULE and BRETSCHER), 926.
 4-Methoxyphenyl benzoate (IRVINE and SMITH), 75.
 $C_{14}H_{12}Br_2$ 2:2'-Dibromodibenzyl (KENNER and WILSON), 1111.
 $C_{14}H_{14}O$ Di-*p*-tolyl ether (REILLY, DRUMM, and BARRETT), 67.
 $C_{14}H_{14}O_2$ *iso*Hydrobenzoin (READ and STEELE), 917.

- $C_{14}H_{14}Se$ Di-*o*-tolyl selenide (PORRITT), 29.
 $C_{14}H_{16}Si$ Diphenyldimethylsilicane (KIPPING), 107.
 $C_{14}H_{18}O_3$ 3-Methoxy-4-propoxystyryl methyl ketones (DICKINSON, HEILBRON, and IRVING), 1895.
 $C_{14}H_{18}O_{10}$ Tetra-acetyl γ -mannolactone (GOODYEAR and HAWORTH), 3144.
 $C_{14}H_{21}N$ 1- γ -Phenylpropylpiperidine, and its picrate (POLLARD and ROBINSON), 2780.
 4-Phenyl-1- η -propylpiperidine, and its hydrochloride (MILLS, PARKIN, and WARD), 2619.
 $C_{14}H_{22}O_4$ *dl*-*iso*Menthyl hydrogen succinate (READ, ROBERTSON, and COOK), 1233.

14 III

- $C_{14}H_5O_3N_3$ Trinitrofluorenone-4-carboxylic acid (BELL and ROBINSON), 2238.
 $C_{14}H_6O_2N_2$ 4:4'-Dinitrodiphenic anhydride (BELL and ROBINSON), 1697.
 $C_{14}H_6O_{10}N_4$ 3:5:3':5'-Tetranitrobenzil (CHATTAWAY and COULSON), 578.
 $C_{14}H_7O_2N$ Nitrodiphenic anhydrides (BELL and ROBINSON), 1697, 2236.
 Nitrofluorenone-4-carboxylic acid (BELL and ROBINSON), 2238.
 $C_{14}H_9ON_4$ *p*-Azoxybenzonitrile (NISBET), 2084.
 $C_{14}H_8O_3S$ Thionyl-dihydroxyanthracenes (GREEN), 557, 2344.
 $C_{14}H_9O_2Cl$ 4-Chloro-1:9-dihydroxyanthracene (GREEN), 2343.
 $C_{14}H_9O_2Cl$ Chlorohydroxybenzaldehyde benzoates (HODGSON and JENKINSON), 1741.
 $C_{14}H_9O_3Br$ 4-Bromo-2-hydroxybenzaldehyde benzoate (HODGSON and JENKINSON), 3041.
 $C_{14}H_9O_3I$ Iodo-hydroxybenzaldehyde benzoates (HODGSON and JENKINSON), 3043.
 $C_{14}H_9O_6N_3$ Dinitrobenzylidenephénylnitromethane (BAKER and WILSON), 847.
 2:4:4'-Trinitrostilbene (NISBET), 2082.
 $C_{14}H_9O_6N_3$ Trinitro-4-methoxybenzophenones (BLAKEY, JONES, and SCARBOROUGH), 2872.
 $C_{14}H_{10}O_2Cl_2$ 3:5-Dichloro-4-methoxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2867.
 $C_{14}H_{10}O_4N_2$ *p*-Nitrobenzylidenephénylnitromethane (BAKER and WILSON), 844.
 $C_{14}H_{10}O_6N_2$ Dinitro-4-methoxybenzophenones (BLAKEY, JONES, and SCARBOROUGH), 2871.
 $C_{14}H_{10}O_6Cu$ Cuprisalicylic acid, sodium salt (WARK), 1756.
 $C_{14}H_{10}O_6N_4$ Tetranitrodi-*p*-tolyl ether (REILLY, DRUMM, and BARRETT), 73.
 $C_{14}H_{10}NCl_3$ 2':4:4'-Trichloro-3-acetamidodiphenyl (BLAKEY and SCARBOROUGH), 3004.
 $C_{14}H_{11}O_2Cl$ 3-Chloro-4-methoxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2867.
 $C_{14}H_{11}O_2Br$ 3-Bromo-4-methoxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2868.
 $C_{14}H_{11}O_2I$ 3-Iodo-4-methoxybenzophenone (BLAKEY, JONES, and SCARBOROUGH), 2869.
 $C_{14}H_{11}O_3Br$ Bromomethoxyphenyl benzoates (IRVINE and SMITH), 75.
 $C_{14}H_{11}O_4N$ Nitro-4-methoxybenzophenones (BLAKEY, JONES, and SCARBOROUGH), 2870.
 $C_{14}H_{11}O_5N_3$ Dinitro-3-acetamidodiphenyl (SCARBOROUGH and WATERS), 96.
 Nitrobenzylidenitrobenzaldoximes (BRADY and KLEIN), 879.
 $C_{14}H_{11}O_7N_5$ 4:6-Dinitro-3-methoxybenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 2381.
 $C_{14}H_{12}OS_2$ 2-*p*-Methoxyphenyl-1:3-benzdithiole, and its nitrate (HURTLEY and SMILES), 536.

- $C_{14}H_{12}O_2N_2$ 5-Carboxy-2-ethoxyphenylglycolic acid phenylhydrazone (CHATTAWAY and PRATS), 690.
 4'-Nitro-2-acetamidodiphenyl (SCARBOROUGH and WATERS), 96.
 Nitro-3-acetamidodiphenyls (BLAKEY and SCARBOROUGH), 3008.
 β -*O-p*-Nitrobenzylbenzaldoxime (BRADY and KLEIN), 885.
- $C_{14}H_{12}O_4N_2$ 3-Nitro-4-methoxybenzanilide (BLAKEY, JONES, and SCARBOROUGH), 2870.
 3-Nitro-4-methoxybenzophenoneoxime (BLAKEY, JONES, and SCARBOROUGH), 2870.
- $C_{14}H_{12}O_2N_2$ Dinitrodi-*p*-tolyl ethers (REILLY, DRUMM, and BARRETT), 72.
- $C_{14}H_{12}ON$ *N*-Methylbenziminophenyl ether (CHAPMAN), 1747.
- $C_{14}H_{13}O_2Cl$ Chloro-2-benzoyloxyanisoles (OXFORD and ROBINSON), 2241.
- $C_{14}H_{13}O_2N$ Acetylmethoxy-1-naphthaldoximes (BRADY and GOLDSTEIN), 1962.
 2-Nitrodi-*p*-tolyl ether (REILLY, DRUMM, and BARRETT), 72.
 3-Nitrodi-*p*-tolyl ether (REILLY and BARRETT), 1399.
- $C_{14}H_{13}O_6N$ Methyl nitrocinnamylidenemalonates (BAKER and ECCLES), 2128.
- $C_{14}H_{14}ON_4$ Benzophenone δ -aminosemicarbazone (BROWN, PICKERING, and WILSON), 109.
- $C_{14}H_{14}O_2N_2$ Quinoxaline derivative of 2:2-dimethylcyclopentane-3:4-dione-1-carboxylic acid (GIBSON, HARIHARAN, and SIMONSEN), 3014.
- $C_{14}H_{14}O_4N_2$ 2:5-Dimethoxybenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 2340.
- $C_{14}H_4O_6N_4$ 3:5-Diketo-2-*p*-tolyltetrahydro-1:2:4-triazine-6-carboxylic acid urethane (WHITELEY and YAPP), 527.
- $C_{14}H_{14}NAS$ 10-Ethyl-5:10-dihydrophenarsazine (AESCHLIMANN), 416.
- $C_{14}H_{14}ON$ Aminodi-*p*-tolyl ethers, and their salts (REILLY and BARRETT), 1400.
 Diphenylhydroxyethylamines, and their salts (READ and STEELE), 910.
- $C_{14}H_{12}N_2S$ Acetone δ - β -naphthylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2533.
- $C_{14}H_{16}O_3N_2$ Nitro-9-acetylhexahydrocarbazoles (GURNEY and PLANT), 1317.
 10-Nitro-7-methyl- ψ -indoxylspirocyclohexane (BETTS, MUSPRATT, and PLANT), 1313.
- $C_{14}H_{16}NBr$ 2:6-Dimethylquinoline allobromine (HAMER), 2801.
- $C_{14}H_{16}NI$ 2:6-Dimethylquinoline alliiodide (HAMER), 2800.
- $C_{14}H_{16}N_2Se_2$ Di-*o*-methylaminodiphenyl diselenide (CLARK), 2807.
- $C_{14}H_{17}ON$ 9-Acetyl-*trans*-hexahydrocarbazole (GURNEY, PERKIN, and PLANT), 2679.
- $C_{14}H_{17}O_2N_3$ *iso*Nitroso-derivative of substance $C_{14}H_{18}ON_2$ (KRISHNAMURTI and DEY), 1351.
- $C_{14}H_{17}O_4Br_3$ Substance, from bromine and dimethylpyrone (COLLIE and KLEIN), 2162.
- $C_{14}H_{17}O_6N$ Indican, synthesis of (ROBERTSON), 1937.
- $C_{14}H_{17}N_2Cl$ Dibenzylhydrazine hydrochloride (KENNER and WILSON), 1112.
- $C_{14}H_{18}ON_2$ Substance, from benzoylacetoneitrile, piperidine, and salicylaldehyde (KRISHNAMURTI and DEY), 1350.
- $C_{14}H_{18}O_2N_2$ *meso*-1:4-Diacetyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 344.
 1-*mm'*-Dimethoxyanilino-1-cyanocyclopentane (OAKESHOTT and PLANT), 489.
- $C_{14}H_{18}O_4N_2$ Ethyl nitropiperidinobenzoates (LE FÈVRE and TURNER), 1117.
- $C_{14}H_{18}O_3N_2$ 3-Methoxy-4-ethoxystyryl methyl ketone semicarbazone (DICKINSON, HEILBRON, and IRVING), 1894.
- $C_{14}H_{20}O_4N_2$ Ethyl β -dicyano- β -methylpentane- γ -dicarboxylate (GIBSON, HARIHARAN, and SIMONSEN), 3011.

- $C_{14}H_{22}O_2N_2$ γ -*m*-Nitro-*p*-acetamidophenylpropyltrimethylamine, picrate of (INGOLD and WILSON), 811.
 $C_{14}H_{22}NI$ 4-Phenyl-1-methyl-1-ethylpiperidinium iodides (MILLS, PARKIN, and WARD), 2619.
 $C_{14}H_{23}ON_2$ 2-*iso*Propylidene- β -thujone semicarbazone (HUGH and KON), 2599.
 β -Thujylideneacetone semicarbazone (HUGH and KON), 2599.
 $C_{14}H_{26}ON_2$ Acetone δ -*d*-bornylsemicarbazones (GOODSON), 1998.
 $C_{14}H_{25}O_4Br$ Ethyl α -bromo- $\beta\beta\beta'$ -tetramethyladipate (FARMER and KRACOVSKI), 684.

14 IV

- $C_{14}H_7O_3ClS$ 4-Chloro-1:9-thionylidihydroxyanthracene (GREEN), 2344.
 $C_{14}H_7O_4NCl_2$ Nitrodiphenic acid dichlorides (BELL and ROBINSON), 1697.
 $C_{14}H_9O_2NCl_5$ Pentachloroacetoxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2858.
 $C_{14}H_9O_6N_2S_2$ 3:3'-Dinitrobenzaldehyde disulphides (HODGSON and BEARD), 2423.
 $C_{14}H_9O_4N_2Cl$ 2'-Chloro-2;4'-dinitrostilbene (ROBINSON and ZAKI), 2489.
 $C_{14}H_{10}O_2N_2Br_2$ 5:4'-Dibromo-3-nitro-4-acetamidodiphenyl (BELL and ROBINSON), 1130.
 $C_{14}H_{10}O_5N_2Cl$ 3-Chloro-5:4'-dinitro-4-acetamidodiphenyl (SCARBOROUGH and WATERS), 1137.
 $C_{14}H_{10}O_6N_4S_2$ Dinitrodibenzaldehyde disulphide dioximes (HODGSON and BEARD), 2424.
 $C_{14}H_{10}O_7N_4Se$ Benzselenzazole methopicrate (CLARK), 2806.
 $C_{14}H_{10}N_4Br_2S_2$ 3-Bromo-1-aminobenzthiazole tribromide (DYSON, HUNTER, and MORRIS), 1192.
 $C_{14}H_{11}ONBr_2$ 4:6-Dibromo-3-acetamidodiphenyl (BLAKEY and SCARBOROUGH), 3007.
 $C_{14}H_{11}O_2NCl_2$ 3:5-Dichloro-4-methoxybenzanilide (BLAKEY, JONES, and SCARBOROUGH), 2868.
 3:5-Dichloro-4-methoxybenzophenoneoxime (BLAKEY, JONES, and SCARBOROUGH), 2867.
 $C_{14}H_{11}O_2N_2Br$ Phthalimidomethylpyridinium bromide (KIPPING and MANN), 530.
 $C_{14}H_{11}O_2N_2Cl$ Chloronitro-4-acetamidodiphenyl (SCARBOROUGH and WATERS), 1137.
 $C_{14}H_{11}O_2N_2Br$ 4-Bromo-4'-nitro-3-acetamidodiphenyl (BLAKEY and SCARBOROUGH), 3009.
 4'-Bromo-3-nitro-4-acetamidodiphenyl (SCARBOROUGH and WATERS), 1139.
 5-Bromo-3-nitro-4-acetamidodiphenyl (BELL and ROBINSON), 1131.
 $C_{14}H_{11}O_5N_4Br$ Dinitromethoxybenzaldehyde *p*-bromophenyldiazone (HODGSON and BEARD), 2381.
 $C_{14}H_{12}ONCl$ Chloro-3-acetamidodiphenyls (BLAKEY and SCARBOROUGH), 3003.
 Chloro-2-acetamidodiphenyls (SCARBOROUGH and WATERS), 93.
 $C_{14}H_{12}ONBr$ 5-Bromo-2-acetamidodiphenyl (SCARBOROUGH and WATERS), 94.
 Bromo-3-acetamidodiphenyls (BLAKEY and SCARBOROUGH), 3005.
 $C_{14}H_{12}O_2NBr$ 3-Bromo-4-methoxybenzanilide (BLAKEY, JONES, and SCARBOROUGH), 2868.
 3-Bromo-4-methoxybenzophenoneoximes (BLAKEY, JONES, and SCARBOROUGH), 2868.
 $C_{14}H_{12}O_2NI$ 3-Iodo-4-methoxybenzanilide (BLAKEY, JONES, and SCARBOROUGH), 2869.
 3-Iodo-4-methoxybenzophenoneoximes (BLAKEY, JONES, and SCARBOROUGH), 2869.
 $C_{14}H_{12}O_2N_2Se_2$ Di-*o*-formylaminodiphenyl diselenide (CLARK), 2808.

- $C_{14}H_{13}O_3N_2Cl$ 4-Chloro-2-methoxybenzaldehyde *p*-nitrophenylhydrazone (HODGSON and JENKINSON), 1741.
- $C_{14}H_{13}O_3N_2Br$ Bromomethoxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and JENKINSON), 3042.
- $C_{14}H_{13}O_3N_2I$ Iodomethoxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and JENKINSON), 3043.
- $C_{14}H_{13}O_4NCl$ 1:3-Dihydroxy-7-methoxyxanthonimine hydrochloride (SHINODA), 1984.
Nitrochloro-2-benzyloxyanisoles (OXFORD and ROBINSON), 2241.
- $C_{14}H_{13}O_4N_2S$ Nitromethylthiolbenzaldehyde *p*-nitrophenylhydrazones (HODGSON and BEARD), 2426.
- $C_{14}H_{13}O_5N_2S_2$ 4-Acetamidobenzenesulphonyl 2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1386.
- $C_{14}H_{12}NISE$ Phenylbenzelenazole methiodide (CLARK), 2807.
- $C_{14}H_{13}OSAS$ 10-Ethylphenoxarsine sulphide (AESCHLIMANN), 415.
- $C_{14}H_{13}O_5NS_2$ 4-Methoxytoluene-3-sulphonyl 2-nitrophenyl disulphide (BROOKER, CHILD, and SMILES), 1386.
- $C_{14}H_{14}O_4N_2S$ *p*-Toluenesulphonmethyl-2-nitroanilide (BELL and ROBINSON), 1129.
- $C_{14}H_{14}O_5N_2Br_2$ Ethyl diketosuccinate 2:4-dibromophenylhydrazone (CHATTAWAY and HUMPHREY), 1326.
- $C_{14}H_{15}O_3NS$ Phenylethanesulphonamides (EVANS, MABBOTT, and TURNER), 1162.
- $C_{14}H_{15}NIAS$ 10:10-Dimethyl-5:10-dihydrophenarsazonium iodide (AESCHLIMANN), 416.
- $C_{14}H_{15}N_2ClBr$ Di-*o*-bromobenzylhydrazine hydrochloride (KENNER and WILSON), 1111.
- $C_{14}H_{16}ONBr$ 6-Bromo-9-acetylhexahydrocarbazole, and its hydrobromide (GURNEY and PLANT), 1322.
- $C_{14}H_{15}O_4N_4S_2$ Carbethoxymethyl-2-glyoxaline disulphide (BALABAN and KING), 1867.
- $C_{14}H_{15}O_2N_2Br$ β -Phthalimidodimethyldiethylammonium bromide (HANHART and INGOLD), 1010.
- $C_{14}H_{15}O_2N_3S$ Acetone *S*-*o*-carbethoxybenzylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2530.

C_{15} Group.

- $C_{15}H_{10}O_5$ Carajuretin, and its salts (CHAPMAN, PERKIN, and ROBINSON), 3025.
- $C_{15}H_{12}O_3$ 2:4-Dihydroxyphenyl styryl ketone (ELLISON), 1723.
7-Hydroxyflavanone (ELLISON), 1722.
- $C_{15}H_{12}O_4$ Acetylbenzoylpyrocatechol (GREEN), 502.
- $C_{15}H_{13}O_5$ Trihydroxyphenyl hydroxystyryl ketones (ELLISON), 1723.
- $C_{15}H_{12}S_3$ 2-Styryl-1:3-benzdithiole, and its nitrate (HURTLEY and SMILES), 537.
- $C_{15}H_{14}O_3$ Methyl 1-methoxydiphenyl-1-carboxylate (RULE and BRETSCHER), 926.
- $C_{15}H_{16}O$ Di-*o*-tolylcarbinol (BOYD and HATT), 908.
- $C_{15}H_{13}O_7$ Ethyl 2:4:6-trimethoxybenzoylpyruvate (PRATT, ROBERTSON, and ROBINSON), 1983.
- $C_{15}H_{22}O_2$ Dehydrongaiene dioxides (MCDOWALL), 737.
- $C_{15}H_{22}O_{14}$ Tetracarbomethoxy γ -methylfructoside (ALLPRESS, HAWORTH, and INKSTER), 1234.
- $C_{15}H_{26}O_2$ Dihydrongaiol (MCDOWALL), 734.
Tetrahydrongaione (MCDOWALL), 733.
- $C_{15}H_{28}O_2$ Tetrahydrongaiene dioxide (MCDOWALL), 740.
- $C_{15}H_{28}O_3$ Tetrahydrongaiol (MCDOWALL), 734.

15 III

- C₁₅H₉O₂Cl** Chlorohydroxymethylanthraquinone (HAYASHI), 2524.
C₁₅H₉O₂Br Bromohydroxymethylanthraquinone (HAYASHI), 2526.
C₁₅H₉O₅N₃ 2:5-Dinitrophenyloxazoles (INGHAM), 698.
C₁₅H₉O₄N₇ 3:5-Diketo-2-*o*-nitrophenyl-6-*o*-nitrobenzeneazotetrahydro-1:2:4-triazine (WHITELEY and YAPP), 527.
C₁₅H₁₀ON₂ *iso*Quinazindol-2-one (ASAHINA, MANSKE, and ROBINSON), 1709.
C₁₅H₁₀O₂N₂ 2-Phenyl-5-*m*-nitrophenyloxazole (INGHAM), 698.
C₁₅H₁₀O₆N₂ 2:4-Dinitro-3':4'-methylenedioxy stilbene (NISBET), 2082.
C₁₅H₁₀N₄S *s*-Dicyanophenylthiocarbamides (DYSON, GEORGE, and HUNTER), 443.
C₁₅H₁₁O₂N 3-Phenylindole-2-carboxylic acid (MANSKE, PERKIN, and ROBINSON), 7.
C₁₅H₁₁O₂N₅ 3:5-Diketo-6-benzeneazo-2-phenyltetrahydro-1:2:4-triazine (WHITELEY and YAPP), 527.
C₁₅H₁₁O₂Cl 4'-Hydroxyflavylium chloride (IRVINE and ROBINSON), 2090.
C₁₅H₁₁O₂I₃ 4'-Hydroxyflavylium periodide (IRVINE and ROBINSON), 2090.
C₁₅H₁₁O₂Cl Chrysinidin chloride (PRATT, ROBERTSON, and ROBINSON), 1977.
 Dihydroxyflavylium chlorides (ROBERTSON and ROBINSON), 245, 2203.
C₁₅H₁₁O₄Cl Apigenidin chloride (+H₂O) (PRATT, ROBERTSON, and ROBINSON), 1979.
 Chlorohydroxybenzoyltoluic acids, and their salts (HAYASHI), 2520.
 5:6:7-Trihydroxyflavylium chloride (CHAPMAN, PERKIN, and ROBINSON), 3040.
C₁₅H₁₁O₄Br Bromohydroxybenzoyltoluic acids, and their salts (HAYASHI), 2525.
C₁₅H₁₁O₅Cl Resomorinidin chloride (PRATT, ROBERTSON, and ROBINSON), 1982.
 5:6:7:4'-Tetrahydroxyflavylium chloride (CHAPMAN, PERKIN, and ROBINSON), 3038.
C₁₅H₁₁O₇N 2-Nitro-4:5-dimethoxyphenylpyruvic acid (OXFORD and RAPER), 418.
C₁₅H₁₁O₇N₃ 2:4:6-Trinitro-4'-methoxystilbene (NISBET), 2083.
C₁₅H₁₁O₇Cl Chrysinidin perchlorate (PRATT, ROBERTSON, and ROBINSON), 1978.
C₁₅H₁₁NS 1-Styrylbenzthiazole (MILLS and WHITWORTH), 2748.
C₁₅H₁₂O₅N₂ 2:4-Dinitro-2'-methoxystilbene (ROBINSON and ZAKI), 2489.
 Nitrobenzyl-3:4-methylenedioxybenzaldoximes (BRADY and KLEIN), 880.
C₁₅H₁₃O₂N Benzylidenepiperonylmethylamine, and its picrate (MALAN and ROBINSON), 2655.
C₁₅H₁₃O₄N α -Phenylethyl *p*-nitrobenzoate (WARD), 453.
C₁₅H₁₃O₅N₃ *m*-Nitrobenzonitro-*m*-xylidides (DADSWELL and KENNER), 1107.
C₁₅H₁₃O₅N₅ 3-Nitro-4-acetamidobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 22.
C₁₅H₁₃O₆N₃ Dinitrobenzamidophenetoles (FAWCETT and ROBINSON), 2420.
 Nitrobenzyl nitromethoxybenzaldoximes (BRADY and KLEIN), 881.
C₁₅H₁₃NS 1- β -Phenylethylbenzthiazole (MILLS and WHITWORTH), 2749.
C₁₅H₁₄O₂N₄ Benzil δ -aminosemicarbazone (BROWN, PICKERING, and WILSON), 110.
C₁₅H₁₄O₃N₂ 5-Carboxy-2-hydroxyacetophenone, and its phenylhydrazone (CHATTAWAY and PRATS), 692.
 3-Nitro-4-acetmethylanidodiphenyl (BELL and ROBINSON), 1130.
m-Nitrobenzo-*m*-xylidides (DADSWELL and KENNER), 1107.
C₁₅H₁₄O₃N₄ *p*-Acetamidobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 22.
C₁₅H₁₄O₄N₂ Dinitrobenz-*p*-phenetidides (FAWCETT and ROBINSON), 2420.
 Nitro-4-benzamidophenetoles (FAWCETT and ROBINSON), 2418.
 Nitrobenzylmethoxybenzaldoximes (BRADY and KLEIN), 880.

- $C_{16}H_{14}O_6N_2$ Nitro-3-methoxy-4-*p*-nitrobenzyloxytoluenes (OXFORD), 1967.
 $C_{16}H_{18}N_3S$ Benzylidenebenzylthiosemicarbazide (BAIRD, BURNS, and WILSON), 2531.
 $C_{16}H_{17}O_2N$ 7-Acetyl- ψ -indoxylspirocyclohexane (BETTS, MUSPRATT, and PLANT), 1312.
 $C_{16}H_{17}O_8N$ 3- β -Glucosidoxyindole-2-carboxylic acid (ROBERTSON), 1940.
 $C_{16}H_{17}O_8N_6$ Mesoxalyldiurethane nitrophenylhydrazones (WHITELEY and YAPP), 525.
 $C_{16}H_{17}O_8N_2$ Substance, from *o*-phenylenediamine and α -keto- $\beta\beta\gamma\gamma$ -tetramethylglutaric hydroxylactone (ROTHSTEIN and SHOPPEE), 534.
 $C_{16}H_{18}O_5N_2$ Ethyl diketosuccinate tolylhydrazones (CHATTAWAY and HUMPHREY), 2795.
 $C_{16}H_{18}O_6N_4$ Mesoxalyldiurethane phenylhydrazone (WHITELEY and YAPP), 525.
 $C_{16}H_{18}O_7N_2$ 3- β -Glucosidoxyindole-2-carboxylamide (ROBERTSON), 1940.
 $C_{16}H_{23}O_2Cl$ Ngaiyl chloride, preparation of (MCDOWALL), 739.
 $C_{16}H_{22}N_3S$ Benzylidene- δ -heptylthiosemicarbazide (BAIRD, BURNS, and WILSON), 2534.
 $C_{15}H_{24}NI$ 4-Phenyl-1:1-diethylpiperidinium iodide (MILLS, PARKIN, and WARD), 2621.
 $C_{15}H_{26}ON_2$ Methyl- β -thujylideneacetone semicarbazone (HUGH and KON), 2599.
 $C_{15}H_{26}O_2N$ Ngaiylamine, and its salts (MCDOWALL), 738.
 $C_{15}H_{26}O_2N_2$ Tetrahydrazone hydrazone (MCDOWALL), 736.
 $C_{15}H_{26}O_2N$ Tetrahydrazone ngaiylamine, and its picrolonate (MCDOWALL), 734.

15 IV

- $C_{15}H_{14}O_4N_2S$ *s*-Di-*o*-carboxyphenylthiocarbamide (DYSON, GEORGE, and HUNTER), 444.
 $C_{15}H_{16}O_8N_2S$ *m*-Nitrophenyl β -(*p*-nitrobenzoyl)oxyethyl sulphide (BENNETT and BERRY), 1669.
 $C_{15}H_{13}ONS$ *o*-Cinnamamidothiophenol (MILLS and WHITWORTH), 2746.
 4-Keto-2-phenyltetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2745.
 $C_{15}H_{18}O_3NS$ 2-Keto-2-phenyltetrahydro-1:5-heptabenzthiazine sulphoxide (MILLS and WHITWORTH), 2745.
 $C_{15}H_{18}O_2N_3Br_2$ *o*-Acetamidobenzoyl-2:4-dibromophenylhydrazine (CHATTAWAY and WALKER), 331.
 $C_{15}H_{18}O_3NS$ 4-Keto-2-phenyltetrahydro-1:5-heptabenzthiazine sulphone (MILLS and WHITWORTH), 2746.
 $C_{15}H_{18}O_3N_2Br$ Nitrobenzoylbromoacetylides (DADSWELL and KENNER), 1106.
 $C_{15}H_{14}ONAS$ 5-Acetyl-10-methyl-5:10-dihydrophenarsazine (AESCHLIMANN), 416.
 $C_{15}H_{16}O_3BrAS$ 10-Methyl-10-carboxymethylphenoxarsonium bromide (AESCHLIMANN), 415.
 $C_{15}H_{16}O_4NS_2$ *m*-Carboxyphenylmethylsulphine-*p*-toluenesulphonylimine, resolution of, and its salts (CLARKE, KENYON, and PHILLIPS), 188.
 $C_{15}H_{16}O_2N_2S$ *s*-Dianisylthiocarbamides (DYSON, GEORGE, and HUNTER), 440.
 $C_{15}H_{17}O_2N_2Cl$ *o*-Nitrobenzylphenyldimethylammonium chloride (BAW), 1398.
 $C_{15}H_{17}NIAS$ 10-Methyl-10-ethyl-5:10-dihydrophenarsazonium iodide (AESCHLIMANN), 416.

 C_{16} Group.

- $C_{16}H_{16}O_4$ 4-Hydroxy-3-benzoylcoumarin (HEILBRON and HILL), 1707.
 $C_{16}H_{19}O_2$ 7-Hydroxy-2-phenyl-5-methylbenzopyrylium anhydro-base, and its salts (HIRST), 2493.
 $C_{16}H_{18}O_3$ 4-Hydroxy-3-benzoylcoumarin (HEILBRON and HILL), 1707.

- $C_{16}H_{12}O_5$ Carajurone (CHAPMAN, PERKIN, and ROBINSON), 3027.
 $C_{16}H_{12}N_2$ Dibenzodihydronaphthyridine, and its salts (HAWORTH and PINK), 2348.
 $C_{16}H_{14}O$ *o*-isoPropenylbenzophenone (BARNETT, COOK, and NIXON), 509.
 $C_{16}H_{14}O_3$ Phenyl 2-hydroxy-5-methoxystyryl ketone (IRVINE and ROBINSON), 2088.
 $C_{16}H_{14}O_4$ 2:2'-Dimethoxybenzil, surface tension and density of (GARNER and SUGDEN), 2882.
 $C_{16}H_{15}N$ 1-Benzyl-1:2:3:4-tetrahydroisoquinoline, and its sulphate (CHAKRAVARTI, HAWORTH, and PERKIN), 2277.
 $C_{16}H_{16}O_2$ Dimethylphenylhydroxyphthalan (BARNETT, COOK, and NIXON), 509.
 2-*p*-Tolyloxy-5-methylacetophenone (REILLY and DRUMM), 2819.
 $C_{16}H_{21}N_3$ 2-Aminotetramethylbenzidine (BELL and ROBINSON), 1698.
 $C_{16}H_{22}O_5$ Ethyl β -benzyloxyethylmalonate (BENNETT and HOCK), 475.
 $C_{16}H_{26}O_6$ Tetramethylmannonic acid phenylhydrazide (GOODYEAR and HAWORTH), 3143.
 $C_{16}H_{32}O_2$ Palmitic acid, sodium salt, effect of electrolytes on viscosity of (MCBAIN, WILLAVOYS, and HEIGHINGTON), 2689; hydrolysis of solutions of (MCBAIN and BUCKINGHAM), 2679.
 Acid, from oxidation of *n*-triacontane (FRANCIS and WOOD), 1900.

16 III

- $C_{16}H_9O_2Cl$ 2-*o*-Chlorobenzylidene-1:3-diketohydrindene (ROBINSON and ZAKI), 2488.
 $C_{16}H_{10}ON_2$ Ketodibenzodihydronaphthyridine, and its salts (HAWORTH and PINK), 2347.
 $C_{16}H_{10}O_2N_2$ *o*-Nitrobenzylidenemorphthalimide (HAWORTH and PINK), 2346.
 $C_{16}H_{10}O_5N_4$ 3-Keto-2:5-dinitrophenyl-3:4-dihydro-1:4-diazines (INGHAM), 699.
 $C_{16}H_{12}O_{12}N_8$ 1:4-Di-*o*o_p-trinitrophenylpiperazine (LE FÈVRE and TURNER), 1121.
 $C_{16}H_{13}ON$ 2-Acetyl-3-phenylindole (MANSKE, PERKIN, and ROBINSON), 8.
 $C_{16}H_{13}O_2Cl$ Methoxyflavylium chlorides (IRVINE and ROBINSON), 2088.
 $C_{16}H_{13}O_2Cl$ Hydroxymethoxyflavylium chlorides (IRVINE and ROBINSON), 2091.
 Scutellareinidin chloride methyl ether (CHAPMAN, PERKIN, and ROBINSON), 3038.
 5:6:7:4'-Tetrahydroxy-4-methylflavylium chloride (CHAPMAN, PERKIN, and ROBINSON), 3035.
 $C_{16}H_{13}O_6Cl$ Rhamnetinidin chloride (ROBERTSON and ROBINSON), 2206.
 $C_{16}H_{14}ON_2$ Ketodibenzohexahydronaphthyridine, and its salts (HAWORTH and PINK), 2348.
 $C_{16}H_{14}O_3N_2$ Nitrobenzylcinnamaldoximes (BRADY and KLEIN), 879.
 $C_{16}H_{14}O_5N_4$ Ethyl 2:4-dinitrobenzoylformate phenylhydrazone (FAIRBOURNE and FAWSON), 49.
 $C_{16}H_{14}O_6Cu$ Cuprimandelic acid, salts of (WARK), 1755.
 $C_{16}H_{14}O_8N_6$ 1:4-Di-*o*o_p-dinitrophenylpiperazine (LE FÈVRE and TURNER), 1121.
 $C_{16}H_{15}O_2N$ Diacetyl-4-aminodiphenyl (SCARBOROUGH and WATERS), 1139.
 $C_{16}H_{15}O_3N_2$ α -Phenylbutane- β - γ -dione β -*m*-nitrophenylhydrazone (MANSKE, PERKIN, and ROBINSON), 7.
 $C_{16}H_{15}O_4N_3$ 2:4-Dinitro-4'-dimethylaminostilbene, and its chloroplatinate (NISBET), 2083.
 $C_{16}H_{15}O_6N_3$ Methyl *pp*'-dinitrodibenzylaminoformate (BAKER), 568.
 $C_{16}H_{16}ON_2$ *p*-Acetamidobenzylidene-*p*-toluidine (HODGSON and BEARD), 22.
 α -Phenylbutane- β - γ -dione β -phenylhydrazone (MANSKE, PERKIN, and ROBINSON), 7.
 $C_{16}H_{16}ON_4$ Benzaldehyde acetophenone carbohydrazone (BROWN, PICKERING, and WILSON), 109.

- $C_{16}H_{16}O_2N_4$ Di-*p*-tolylformazylcarboxylic acid (WHITELEY and YAPP), 526.
- $C_{16}H_{17}O_2N$ Methyl dibenzylaminoformate (BAKER), 568.
- $C_{16}H_{17}O_3N$ *N*-*o*-Methoxybenzyl-*p*-methoxybenzaloxime (BRADY and BENNETT), 896.
- $C_{16}H_{17}N_3S$ Acetophenone δ -benzylthiosemicarbazone (BAIRD, BURNS, and WILSON), 2531.
- Benzylidene- δ -*a*-phenylethylthiosemicarbazide (BAIRD, BURNS, and WILSON), 2532.
- Dibenzyl ketone thiosemicarbazone (BAIRD and WILSON), 2117.
- $C_{16}H_{18}O_4N_2$ Bisnitrosyl-*o*-methoxybenzyl (BRADY and BENNETT), 897.
- $C_{16}H_{18}N_2Br_2$ Dibromohexadiene dipyridinium salt (FARMER, LAROIA, SWITZ, and THORPE), 2950.
- $C_{16}H_{19}ON$ β -Amino-*a*-ethyl- $\alpha\beta$ -diphenylethyl alcohol, and its hydrochloride (MCKENZIE and ROGER), 576.
- $C_{16}H_{20}OSi$ Diethoxydiphenylsilicane (KIPPING and MURRAY), 2736.
- $C_{16}H_{20}O_2N_2$ Acetamido-9-acetylhexahydrocarbazoles (GURNEY and PLANT), 1317.
- $C_{16}H_{20}O_4N_4$ Mesoxalyldiurethane *p*-tolylhydrazone (WHITELEY and YAPP), 525.
- $C_{16}H_{20}NCl$ Phenyl-*a*-phenylethyldimethylammonium chloride (EVANS, MABBOTT, and TURNER), 1163.
- $C_{16}H_{22}ON_2$ Pinene nitrolanilide (EARL and KENNER), 1275.
- $C_{16}H_{22}O_2N_4$ 4:6-Dinitro-1:3-dipiperidinobenzene (LE FÈVRE and TURNER), 1118.
- $C_{16}H_{22}O_2N_3$ 1-Nitro-2:4-dipiperidinobenzene (LE FÈVRE and TURNER), 1117.
- $C_{16}H_{23}O_3N$ Tetramethyladipanic acids (FARMER and KRACOVSKI), 683.
- $C_{16}H_{24}O_3S$ Menthyl benzenesulphonate, decomposition and rotation of (PATERSON and MCALPINE), 350.
- $C_{16}H_{26}O_4N_2$ Tetramethyl δ -galactonolactone phenylhydrazide (HAWORTH, HIRST, and JONES), 2430.
- Tetramethyl mannonophenylhydrazide (DREW, GOODYEAR, and HAWORTH), 1243.

16 IV

- $C_{16}H_8O_3N_4Cl_4$ Anhydrodiketosuccinic acid 2:4-dichlorophenylosazone (CHATTAWAY and HUMPHREY), 1327.
- Dichlorophenyl-4:5-diketopyrazoline-3-carboxylic acid dichlorophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.
- $C_{16}H_8O_3N_4Br_4$ Anhydrodiketosuccinic acid 2:4-dibromophenylosazone (CHATTAWAY and HUMPHREY), 1325.
- 1-2':4'-Dibromophenyl-4:5-diketopyrazoline-3-carboxylic acid 4-2'':4''-dibromophenylhydrazone (CHATTAWAY and HUMPHREY), 1325.
- $C_{16}H_{10}O_3N_4Cl_2$ Anhydrodiketosuccinic acid chlorophenylosazone (CHATTAWAY and HUMPHREY), 1327.
- Chlorophenyl-4:5-diketopyrazoline-3-carboxylic acid chlorophenylhydrazone (CHATTAWAY and HUMPHREY), 1328.
- $C_{16}H_{10}O_3N_4Br_2$ Anhydrodiketosuccinic acid *p*-bromophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.
- 1-*p*-Bromophenyl-4:5-diketopyrazoline-3-carboxylic acid 4-*p*-bromophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.
- $C_{16}H_{10}O_4N_4Cl_4$ Diketosuccinic acid 2:4-dichlorophenylosazone (CHATTAWAY and HUMPHREY), 1327.
- $C_{16}H_{10}O_4N_4Br_4$ Diketosuccinic acid 2:4-dibromophenylosazone (CHATTAWAY and HUMPHREY), 1325.
- $C_{16}H_{11}O_3N_4Br$ 1-Phenyl-4:5-diketopyrazoline-3-carboxylic acid 4-bromophenylhydrazone (CHATTAWAY and HUMPHREY), 2138.
- $C_{16}H_{11}NClAs$ 7-Chloro-7:12-dihydro-7 α benzophenarsazine (GIBSON and JOHNSON), 2513.

- $C_{16}H_{11}NBrAs$ 12-Bromo-7:12-dihydrobenzophenarsazine (GIBSON and JOHNSON), 2513.
- $C_{16}H_{12}O_2NHS$ Benzophenarsazinic acids, and their salts (GIBSON and JOHNSON), 2511.
- $C_{16}H_{12}O_4N_2Cl_2$ Diketosuccinic acid *p*-chlorophenylosazone (CHATTAWAY and HUMPHREY), 1327.
- $C_{16}H_{12}O_4N_2Br_2$ Diketosuccinic acid *p*-bromophenylosazone (CHATTAWAY and HUMPHREY), 1327.
- $C_{16}H_{12}O_5N_2As$ Benzoyloxy-1:4-dihydroquinoxaline-6-arsinic acids (EWINS, NEWBERRY, and STRICKINGS), 853.
- $C_{16}H_{14}O_2N_2Br_2$ Succino-*p*-bromoanilide (BARNICOAT), 2928.
- $C_{16}H_{14}O_3NBr$ Benzoyl-6-bromo- β -piperonylethylamine (STEVENS), 184.
- $C_{16}H_{14}O_3NAS$ 2-Naphthylaminophenylarsinic acids (GIBSON and JOHNSON), 2511.
- $C_{16}H_{15}O_4N_2Br$ Substance, from piperazine and 4:4'-dibromo-3:2'-dinitrodiphenyl (LE FÉVRE and TURNER), 1121.
- $C_{16}H_{16}O_2N_2Se_2$ Di-*o*-formylmethylaminodiphenyl diselenide (CLARK), 2806.
- $C_{16}H_{16}N_4Br_4S_2$ 1-Amino-5-methylbenzthiazole tribromide (DYSON, HUNTER, and MORRIS), 1192.
- $C_{16}H_{16}O_4N_2Cl$ Di-*p*-nitrobenzyltrimethylammonium chloride (STEDMAN), 1905.
- $C_{16}H_{20}O_2NCl$ Chlorocamphoranilic acids (M. and R. SINGH), 1995.
- $C_{16}H_{22}O_{12}N_2Co$ Aquo-2:6-dinitrophenoxobisethylenediamminocobaltic hydroxy-2:6-dinitrophenoxide (DUFF and BILLS), 2374.

16 V

- $C_{16}H_{10}O_6N_2S_2Na_2$ Sodium *p*-sulphobenzeneazo- β -naphthyl sulphite (KING), 2644.
- $C_{16}H_{11}O_4NCl_3S$ Anhydro-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene-5-sulphonanilide (CHATTAWAY and MORRIS), 2017.

C₁₇ Group.

- $C_{17}H_{10}O_4$ *iso*Benzanthragallol (CROSS and PERKIN), 1303.
Benzanthrapurpurin (CROSS and PERKIN), 1302.
*iso*Benzflavopurpurin (CROSS and BEVAN), 1305.
- $C_{17}H_{13}O_4$ α -(6-Hydroxymethylpiperonyl)cinnamolactone (STEVENS and ROBERTSON), 2791.
- $C_{17}H_{14}O$ Carajurin, and its salts (CHAPMAN, PERKIN, and ROBINSON), 3023.
- $C_{17}H_{14}O_4$ 7-Acetoxyflavanone (ELLISON), 1722.
- $C_{17}H_{14}O_5$ 3-(3':4'-Dihydroxybenzylidene)-7-methoxychromanone (PERKIN, RÂY, and ROBINSON), 2097.
- $C_{17}H_{16}O_2$ 1-Acetyl-3-methyl-1:4- β -naphthapyran (DICKINSON and HEILBRON), 17.
7-Methoxy-2-phenyl-5-methylbenzopyrylium hydroxide, ferrichloride of (HIRST), 2494.
- $C_{17}H_{16}O_3$ Phenyl 3:4-dimethoxystyryl ketone (DICKINSON, HEILBRON, and IRVING), 1896.
1:2:7-Trimethoxyanthracene (MACMASTER and PERKIN), 1309.
- $C_{17}H_{16}O_4$ 3:4:6-Trimethoxyanthranol (MACMASTER and PERKIN), 1309.
- $C_{17}H_{16}O_5$ 3-(3':4'-Dihydroxybenzyl)-7-methoxychromanone (PERKIN, RÂY, and ROBINSON), 2098.
Phenacyl veratrate (MALAN and ROBINSON), 2656.
- $C_{17}H_{17}N$ Tetrahydroprotoberberine, and its salts (CHAKRAVARTI, HAWORTH, and PERKIN), 2278.
- $C_{17}H_{17}N_3$ 5-Keto-6-phenyl-2:3:4:5-tetrahydropyridine 5-phenylhydrazone (MANSKE, PERKIN, and ROBINSON), 10.
- $C_{17}H_{21}N$ Benzyl-*n*-butylaniline, and its salts (REILLY and DRUMM), 1395.

- C₁₇H₂₀O**, Methyl ethyl hydrogen 4-methyl-5-cyclohexanespiro- Δ^1 -cyclopenten-3-one-1:2:4-tricarboxylate (INGOLD and SEELEY), 1688.
C₁₇H₂₂N₂, Benzyl-*n*-butyl-*p*-phenylenediamine, and its salts (REILLY and DRUMM), 1396.
C₁₇H₂₆O₂, Ethyl $\beta\delta$ -dicarbethoxy- γ -ketopimelate (ROBINSON and ZAKI), 2413.
C₁₇H₃₀O₄, Tetrahydrongaiol acetate (MCDOWALL), 734.

17 III

- C₁₇H₁₀OS₂**, 1:3-Benzdithiole-2- β -naphthaquinone, and its hydrochloride (HURTLEY and SMILES), 536.
C₁₇H₁₁O₄N₃, 3-Nitrobenzaldehyde-4-azo- β -naphthol (HODGSON and BEARD), 23.
C₁₇H₁₂O₂N₄, 2:6-Dibenzeneazopyrone (MULLEN and CROWE), 1752.
C₁₇H₁₂O₅Br, Dibromocarajurin (CHAPMAN, PERKIN, and ROBINSON), 3024.
C₁₇H₁₃ON, Oxyprotoberberine (CHAKRAVARTI, HAWORTH, and PERKIN), 2279.
C₁₇H₁₃O₂Cl, Chlorohydroxydistyryl ketones (HEILBRON and HILL), 921.
C₁₇H₁₄O₃N₄, Methyl 1-phenyl-4:5-diketopyrazoline-3-carboxylate 4-phenylhydrazone (CHATTAWAY and HUMPHREY), 2139.
C₁₇H₁₄O₅Br₄, Carajurin tetrabromide (CHAPMAN, PERKIN, and ROBINSON), 3023.
C₁₇H₁₄NCl, Protoberberinium chloride (CHAKRAVARTI, HAWORTH, and PERKIN), 2279.
C₁₇H₁₄NI, Protoberberinium iodide (CHAKRAVARTI, HAWORTH, and PERKIN), 2279.
C₁₇H₁₅O₂Cl, 7-Methoxy-2-phenyl-5-methylbenzopyrylium chloride (HIRST), 2494.
C₁₇H₁₅O₃N, Ethyl 3-phenylindole-2-carboxylate (MANSKE, PERKIN, and ROBINSON), 7.
C₁₇H₁₅O₃N₅, 3:5-Diketo-6-*p*-tolueneazo-2-*p*-tolyltetrahydro-1:2:4-triazine (WHITELEY and YAPP), 527.
C₁₇H₁₅O₃Cl, 3:4'-Dimethoxyflavylium chloride (ROBERTSON and ROBINSON), 2203.
 7-Hydroxy-4'-methoxy-2-phenyl-5-methylbenzopyrylium chloride (HIRST), 2494.
C₁₇H₁₅O₄Cl, 3:5:4'-Trihydroxy-6:8-dimethylflavylium chloride (ROBERTSON and ROBINSON), 2204.
C₁₇H₁₅O₅Cl, 5:7-Dihydroxy-3':4'-dimethoxyflavylium chloride (PRATT, ROBERTSON, and ROBINSON), 1981.
 5:7-Dihydroxy-6:4'-dimethoxyflavylium chloride (CHAPMAN, PERKIN, and ROBINSON), 3039.
 3:5:3':4'-Tetrahydroxy-6:8-dimethylflavylium chloride (ROBERTSON and ROBINSON), 2205.
C₁₇H₁₅O₇N₇, Di-*o*-nitroformazylcarboxylic acid urethane (WHITELEY and YAPP), 526.
C₁₇H₁₇O₃N₃, *meso*-1-*p*-Nitrobenzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 344.
C₁₇H₁₇O₃N₅, Formazylcarboxylic acid urethane (WHITELEY and YAPP), 526.
C₁₇H₁₇O₄N, Piperonylmethyl- β -piperonyl ethylamine (MALAN and ROBINSON), 2656.
C₁₇H₁₇O₅N₃, 2-Nitro-4:5-dimethoxyphenylpyruvic acid phenylhydrazone (OXFORD and RAPER), 419.
C₁₇H₁₈ON₂, 1-Benzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxalines (GIBSON), 344.
C₁₇H₁₈ON₄, Diacetophenonecarbohydrazone (BROWN, PICKERING, and WILSON), 109.
C₁₇H₁₈O₂N₃, 5-Piperidino-2-nitrodiphenyl ether (LE FÈVRE, SAUNDERS, and TURNER), 1171.
C₁₇H₁₈O₄N₄, 4:6-Dinitro-3-anilino-1-piperidinobenzene (LE FÈVRE and TURNER), 1118.
C₁₇H₁₉O₂N₃, 4-Nitro-2-benzylideneaminodiethylaniline (BURTON and GIBSON), 2388.

- $C_{17}H_{19}O_2N$ 2:6-Dimethoxy-4-methylbenz-*p*-toluidide (ROBERTSON and ROBINSON), 2200.
- $C_{17}H_{19}O_2N_2$ Phenyl β -2-hydroxy-5-methoxyphenylethyl ketone semicarbazone (IRVINE and ROBINSON), 2093.
- $C_{17}H_{19}O_5N$ Ethyl β -phthalimido- α -acetylvalerate (MANSKE, PERKIN, and ROBINSON), 8.
- $C_{17}H_{20}ON_2$ *p*-Nitrosobenzyl-*n*-butylaniline, and its hydrochloride (REILLY and DRUMM), 1396.
- $C_{17}H_{20}N_2S$ *s*-Di-*m*-xylyl-2-thiocarbamide (DYSON, GEORGE, and HUNTER), 440.
- $C_{17}H_{23}ON$ α -Ethyl- Δ^1 -cyclohexenylacet-*p*-toluidide (KON and NARAYANAN), 1540.
- $C_{17}H_{25}NI$ 4-Phenyl-1:1-di-*n*-propylpiperidinium iodide (MILLS, PARKIN, and WARD), 2622.

17 IV

- $C_{17}H_{19}O_2N_4Br_4$ Methyl 1-2':4'-dibromophenyl-4:5-diketopyrazoline-3-carboxylate dibromophenyl hydrazone (CHATTAWAY and HUMPHREY), 1326.
- $C_{17}H_{19}O_2N_4Br_2$ Methyl 1-*p*-bromophenyl-4:5-diketopyrazoline-3-carboxylate bromophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.
- $C_{17}H_{19}O_2N_2S_2$ Nitrobenzoylnaphthylaminedisulphonic acids, and their sodium salts (BALABAN and KING), 3078.
- $C_{17}H_{19}O_{10}N_2S_2$ Nitrobenzoylamino-8-naphthol-3:6-disulphonic acids, salts (BALABAN and KING), 3090.
- $C_{17}H_{19}O_{13}N_2S_3$ *m*-Nitrobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, salts (BALABAN and KING), 3095.
- $C_{17}H_{14}O_4NBr$ Piperonylidene-6-bromo- β -piperonylethylamine (STEVENS), 184.
- $C_{17}H_{14}O_7N_2S_2$ Aminobenzoylnaphthylaminedisulphonic acids, and their salts (BALABAN and KING), 3079.
- $C_{17}H_{14}O_8N_2S_2$ *m*-Aminobenzoylamino-8-naphthol-3:6-disulphonic acids, and their salts (BALABAN and KING), 3090.
- $C_{17}H_{15}O_2NS$ Acetyl-4-keto-2-phenyltetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2745.
- $C_{17}H_{15}O_2N_2Br_2$ *o*-Acetamidobenzoyl- α -acetyl-2:4-dibromophenylhydrazine (CHATTAWAY and WALKER), 331.
- $C_{17}H_{15}O_6N_4Br$ 4-Bromo-2:3':5'-trinitro-4'-piperidinodiphenyl (LE FÈVRE, MOIR, and TURNER), 2338.
- $C_{17}H_{15}O_2N_2Br_2$ Glutaro-*p*-bromoanilide (BARNICOAT), 2928.
- $C_{17}H_{15}O_2N_2S$ *s*-Di-*p*-acetylphenylthiocarbamide (DYSON, GEORGE, and HUNTER), 442.
- $C_{17}H_{16}O_3NBr$ Benzoylmethylbromopiperonylethylamine (STEVENS), 185.
- $C_{17}H_{15}O_2N_4S$ *s*-Di-*p*-acetamidophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 444.
- $C_{17}H_{20}O_2N_2S$ *s*-Diethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 441.
- 1-*p*-Toluenesulphonyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxalines (GIBSON), 345.
- $C_{17}H_{20}O_4N_2S$ *s*-Bisdimethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 441.

 C_{18} Group.

- $C_{18}H_{12}As_2$ Tri-*o*-phenylenediarsine (McCLELAND and WHITWORTH), 2753.
- $C_{18}H_{14}O_4$ Diacetoxyanthracenes (GREEN), 556.
- $\beta\beta'$ -Diphenylmuconic acid (FARMER and DUFFIN), 411.
- $C_{18}H_{14}O_6$ Diacetylflavopurpurin-anthranol (CROSS and PERKIN), 1304.
- $C_{18}H_{16}O_2$ 4-Phenacyl-2-methyl-1:4-benzopyran (HEILBRON and HILL), 924.
- $C_{18}H_{16}O_4$ $\beta\beta'$ -Diphenyl- $\Delta\beta$ -dihydromuconic acids (FARMER and DUFFIN), 412.
- $C_{18}H_{16}Br_2$ Dibromo- $\alpha\zeta$ -diphenylhexadiene (FARMER, LAROA, SWITZ, and THORPE), 2955.

- $C_{16}H_{16}Br_4$ Tetrabromo- $\alpha\zeta$ -diphenylhexatriene (FARMER, LAROA, SWITZ, and THORPE), 2956.
- $C_{18}H_{18}Br_6$ Hexabromo- $\alpha\zeta$ -diphenylhexatriene (FARMER, LAROA, SWITZ, and THORPE), 2956.
- $C_{18}H_{18}O_2$ 3-Methoxy-4-benzyloxystyryl methyl ketone (DICKINSON, HEILBRON, and IRVING), 1895.
- $C_{18}H_{18}O_4$ *p*-Anisyl 4-hydroxy-2-methoxy-6-methylstyryl ketone (HIRST), 2495.
3:4:6:9-Tetramethoxyanthranol (MACMASTER and PERKIN), 1308.
- $C_{18}H_{18}N$ Anhydromethyltetrahydroprotoberberine, and its hydrochloride (CHAKRAVARTI, HAWORTH, and PERKIN), 2280.
- $C_{18}H_{20}O_2$ Diethylphenylhydroxyphthalan (BARNETT, COOK, and NIXON), 510.
- $C_{18}H_{23}N$ Di(β -phenylethyl)dimethylamine, picrate of (HANHART and INGOLD), 1009.
- $C_{18}H_{26}O_8$ Ethyl 2:3-dimethylcyclobutane-1:1:4:4-tetracarboxylate (VOGEL), 1991.
- $C_{18}H_{26}O_8$ Ethyl $\beta\gamma$ -dimethylbutane- $\alpha\alpha\delta\delta$ -tetracarboxylate (VOGEL), 1990.
- $C_{18}H_{28}O_{16}$ Melezitose (LEITCH), 588.
- $C_{18}H_{34}O_2$ Oleic acid, potassium hydrogen salt, crystalline (MCBAIN and STEWART), 1392.

18 III

- $C_{18}H_{15}O_2As_2$ Tri-*o*-phenylenediarsine oxide (MCCLELAND and WHITWORTH), 2755.
- $C_{18}H_{12}Br_4As_2$ Tri-*o*-phenylenediarsine tetrabromide (MCCLELAND and WHITWORTH), 2755.
- $C_{18}H_{13}ON_3$ Rutecarpine, synthesis of (ASAHINA, MANSKE, and ROBINSON), 1708.
- $C_{18}H_{13}OAS$ 10-Phenylphenoxarsine (AESCHLIMANN), 415.
- $C_{18}H_{13}O_2AS$ 10-Phenylphenoxarsine oxide (AESCHLIMANN), 415.
- $C_{18}H_{14}O_4Cl$ 4-Chloro-1:9-diacetoxyanthracene (GREEN), 2343.
- $C_{18}H_{14}NAS$ 10-Phenyl-5:10-dihydrophenarsazine (AESCHLIMANN), 416.
- $C_{18}H_{16}O_2Cl$ 4'-Chloro-2-methoxydistyryl ketone (HEILBRON and HILL), 923.
- $C_{18}H_{16}ON$ 6:7-Methylenedioxy-2-piperonylmethyl-3:4-dihydroisoquinolinium hydroxide, picrate of (MALAN and ROBINSON), 2656.
- $C_{18}H_{16}O_2N_4$ Anhydridiketosuccinic acid tolylosazones (CHATTAWAY and HUMPHREY), 2795.
4:5-Diketo-1-tolylpyrazolinecarboxylic acid tolylhydrazones (CHATTAWAY and HUMPHREY), 2795.
- $C_{18}H_{16}O_4As_2$ Phenylene-1:2-diphenylarsinic acid (MCCLELAND and WHITWORTH), 2754.
- $C_{18}H_{17}O_2Cl$ 4':7-Dimethoxy-2-phenyl-5-methylbenzopyrylium chloride (HIRST), 2494.
- $C_{18}H_{17}O_4Cl$ 5:6:7-Trimethoxyflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3040.
- $C_{18}H_{17}O_5Cl$ 5:7-Dihydroxy-6:4'-dimethoxy-4-methylflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3034.
7-Hydroxy-3:2':4'-trimethoxyflavylium chloride (PRATT, ROBERTSON, and ROBINSON), 1982.
- $C_{18}H_{17}O_2N$ *N*-Formylpiperonylmethyl- β -piperonylethylamine (MALAN and ROBINSON), 2656.
- $C_{18}H_{18}O_4N_4$ Diketosuccinic acid tolylosazones (CHATTAWAY and HUMPHREY), 2795.
- $C_{18}H_{19}O_2N$ 6-Methoxy-1-(3'-methoxybenzyl)-3:4-dihydroisoquinoline, and its picrate (CHAKRAVARTI, HAWORTH, and PERKIN), 2270.
- $C_{18}H_{20}O_2N_6$ Diacetophenonehydrazidicarbohydrazone (BROWN, PICKERING, and WILSON), 111.
Dibenzoyl derivative of β -methyltrimethylenediamine (MANN), 2916.

- $C_{18}H_{20}O_2N_2$ α -Phenylbutane- $\beta\gamma$ -dione β -2:5-dimethoxyphenylhydrazone (MANSKE, PERKIN, and ROBINSON), 7.
- $C_{18}H_{20}O_4N_2$ 4-Methoxy-*m*-oxalotoluidide (DADSWELL and KENNER), 585.
- $C_{18}H_{20}NI$ Tetrahydroprotoberberine methiodides (CHAKRAVARTI, HAWORTH, and PERKIN), 2280.
- $C_{18}H_{21}O_2N$ 6-Methoxy-1-(3'-methoxybenzyl)-1:2:3:4-tetrahydroisoquinoline, and its salts (CHAKRAVARTI, HAWORTH, and PERKIN), 2270.
- $C_{18}H_{21}O_4N_2$ Diacetyl derivative of substance $C_{14}H_{18}ON_2$ (KRISHNAMURTI and DEY), 1351.
- $C_{18}H_{23}ON$ β -Thujylideneacetanilide (HUGH and KON), 2598.
- $C_{18}H_{31}ON_2$ Methylcyclohexanone δ -*d*-bornylsemicarbazones (GOODSON), 1999.

18 IV

- $C_{18}H_{19}O_3N_4Cl_4$ Ethyl dichlorophenyldiketopyrazoline-3-carboxylate dichlorophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.
- $C_{18}H_{19}O_3N_4Br_4$ Ethyl dibromophenyl-4:5-diketopyrazoline-3-carboxylate dibromophenylhydrazone (CHATTAWAY and HUMPHREY), 1326.
- $C_{18}H_{19}OCISi$ Phenoxydiphenylsilyl chloride, and its action with sodium (KIPPING), 2728.
- $C_{18}H_{19}O_3N_3Cl_2$ Ethyl chlorophenyl-4:5-diketopyrazoline-3-carboxylate chlorophenylhydrazone (CHATTAWAY and HUMPHREY), 1328.
- $C_{18}H_{19}O_3N_4Br_3$ Ethyl 1-*p*-bromophenyl-4:5-diketopyrazoline-3-carboxylate bromophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.
- $C_{18}H_{16}O_4NBr$ 6:7-Methylenedioxy-2-piperonylmethyl-3:4-dihydroisoquinolinium bromide (MALAN and ROBINSON), 2656.
- $C_{18}H_{18}O_2N_2Br_2$ Adipo-*p*-bromoanilide (BARNICOAT), 2928.
- $C_{18}H_{19}O_3N_2S$ Benzaldehyde *S*-*o*-carbethoxybenzylthiosemicarbazone, and its hydrochloride (BAIRD, BURNS, and WILSON), 2530.
- $C_{18}H_{20}O_2N_2S$ Thiodipropiondianilide (BENNETT and SCORAH), 196.
- $C_{18}H_{20}O_6N_3AS$ 3-*m*-Nitrobenzamido-4-piperidinophenylarsinic acid, and its salts (KING), 1054.
- $C_{18}H_{21}O_4N_3AS$ 3-*m*-Aminobenzamido-4-piperidinophenylarsinic acid, and its salts (KING), 1054.
- $C_{18}H_{26}O_6N_{11}Co$ Aquopentamminocobaltic dinitrophenoxides (DUFF and BILLS), 2370.
- $C_{18}H_{27}O_9N_8Co$ *p*-Nitrophenoxypentamminocobaltic *p*-nitrophenoxide (DUFF and BILLS), 2370.

18 V

- $C_{18}H_{16}ON_2Cl_5Mo$ Diquinolinium molybdenyl pentachloride (JAMES and WARDLAW), 2148.

 C_{19} Group.

- $C_{19}H_{14}O_3$ 2-Phenyl-5-methyl-3:4-coumalo-6-benzopyran (HEILBRON and HILL), 924.
- $C_{19}H_{14}O_4$ *iso*Benzanthragallol dimethyl ether (CROSS and PERKIN), 1303.
*iso*Benzflavopurpurin dimethyl ether (CROSS and BEVAN), 1306.
- $C_{19}H_{16}O$ Benzhydryl phenyl ether (HEILBRON and HILL), 2011.
- $C_{19}H_{18}O_5$ 9-Acetyl-3:4:6-trimethoxyanthranol (MACMASTER and PERKIN), 1309.
- $C_{19}H_{18}O_7$ Quercetin tetramethyl ether (ATTREE and PERKIN), 239.
- $C_{19}H_{20}O_5$ 3-Homoveratryl-7-methoxychromanone (PERKIN, RÂY, and ROBINSON), 2098.
- $C_{19}H_{26}O_3$ Benzoyl-5-acetyl-1:3:3:4:4-pentamethylcyclopentan-1-ol (VOGEL), 599.
- $C_{19}H_{30}O_{14}$ Tetracarboethoxymethylfructosides (ALLPRESS, HAWORTH, and INKSTER), 1235.

19 III

- $C_{19}H_{16}O_3N_2$ Benzoyl-*o*-nitrodiphenylamine (CHAPMAN), 1748.
p-Nitrobenzoyldiphenylamine (CHAPMAN), 1749.
N-Phenylbenzimidino-*p*-nitrophenyl ether (CHAPMAN), 1745.
- $C_{19}H_{16}O_2N_3$ Benzenyl-*p*-nitrodiphenylamidine (CHEW and PYMAN), 2320.
- $C_{19}H_{16}OS$ Dibenzylideneepenthianone (BENNETT and SCORAH), 199.
- $C_{19}H_{16}O_2N_4$ 3:5-Dibenzeneazo-2:6-dimethylpyrone (MULLEN and CROWE), 1753.
- $C_{19}H_{16}O_4N_2$ 6:7-Methylenedioxy-1-cyano-2-piperonylmethyl-1:2:3:4-tetrahydroisoquinoline (MALAN and ROBINSON), 2657.
- $C_{19}H_{17}O_3N$ 3:11-Dimethoxyoxyprotoberberine (CHAKRAVARTI, HAWORTH, and PERKIN), 2273.
- $C_{19}H_{17}O_4N_3$ Ethyl 1-phenyl-4-benzamido-5-ketopyrazoline-3-carboxylate (CHATTAWAY and HUMPHREY), 2136.
- $C_{19}H_{16}O_3N_3$ 6-Nitro-9-benzoylhexahydrocarbazole (GURNEY and PLANT), 1321.
- $C_{19}H_{16}O_3N_4$ *n*-Propyl 1-phenyl-4:5-diketopyrazoline-3-carboxylate 4-phenylhydrazine (CHATTAWAY and HUMPHREY), 2139.
- $C_{19}H_{16}O_5Br_2$ Veratrylidene-7-methoxychromanone dibromide (PERKIN, RÂY, and ROBINSON), 2097.
- $C_{19}H_{16}O_6N_2$ 6:7-Methylenedioxy-1-nitromethyl-2-piperonylmethyl-1:2:3:4-tetrahydroisoquinyl-1:2:3:4-tetrahydroisoquinoline (MALAN and ROBINSON), 2657.
- $C_{19}H_{16}O_8N_2$ Methyl di-*m*-nitrobenzylmalonate (BAKER and ECCLES), 2127.
- $C_{19}H_{16}ON$ 9-Benzoyl-*trans*-hexahydrocarbazole (GURNEY, PERKIN, and PLANT), 2679.
- $C_{19}H_{19}O_2N$ 3:11-Dimethoxydihydroprotoberberine, and its salts (CHAKRAVARTI, HAWORTH, and PERKIN), 2271.
- $C_{19}H_{19}O_4Cl$ 5-Hydroxy-3:4'-dimethoxy-6:8-dimethylflavylium chloride (ROBERTSON and ROBINSON), 2204.
- $C_{19}H_{19}O_5Cl$ 6-Hydroxy-5:7:4'-trimethoxy-4-methylflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3034.
 5:6:7:4'-Tetramethoxyflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3037.
- $C_{19}H_{19}O_6N$ 2-Carbomethoxyveratrylidene-piperonylmethylamine (MALAN and ROBINSON), 2655.
- $C_{19}H_{21}O_2N$ 3:11-Dimethoxytetrahydroprotoberberine, and its salts (CHAKRAVARTI, HAWORTH, and PERKIN), 2271.
- $C_{19}H_{21}O_3N_3$ 3-Methoxy-4-benzoyloxystyryl methyl ketone semicarbazone (DICKINSON, HEILBRON, and IRVING), 1896.
- $C_{19}H_{21}O_3N_5$ Di-*p*-tolylformazylcarboxylic acid urethane (WHITELEY and YAPP), 526.
- $C_{19}H_{22}O_2N_2$ Glutarotoluidides (BARNICOAT), 2928.
- $C_{19}H_{22}O_6N_2$ Veratrylidene-methoxychromanone oxamino-oxime (PERKIN, RÂY, and ROBINSON), 2097.

19 IV

- $C_{19}H_8O_2NCl_7$ Heptachloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2859.
- $C_{19}H_9ONCl_6$ *N*-2:4:6-Trichlorophenylbenzimidino-2:4:6-trichlorophenyl ether (CHAPMAN), 1747.
- $C_{19}H_9O_2NCl_6$ Hexachloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2858.
- $C_{19}H_{10}O_2NCl_5$ 2:6:2':4':6'-Pentachloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.
- $C_{19}H_{10}O_2NBr_5$ Pentabromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2861.
- $C_{19}H_{11}O_2NCl_4$ 2:6:2':4-Tetrachloro-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.

- C₁₉H₁₃ONCl₃** Benzoyl-2:4:6-trichlorodiphenylamine (CHAPMAN), 1748.
N-2:4:6-Trichlorophenylbenziminophenyl ether (CHAPMAN), 1747.
- C₁₉H₁₂O₂NCl₃** 2:2':4'-Trichloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.
- C₁₉H₁₂ONCl₂** Benzoyl-2:4-dichlorodiphenylamine (CHAPMAN), 1748.
 3:5-Dichloro-2-benzamidodiphenyl (SCARBOROUGH and WATERS), 92.
N-2:4-Dichlorophenylbenziminophenyl ether (CHAPMAN), 1747.
- C₁₉H₁₃ONBr₂** 3:5-Dibromo-2-benzamidodiphenyl (SCARBOROUGH and WATERS), 95.
- C₁₉H₁₃O₄N₂Br** α -Diphthalimidoisopropyl bromide (MANN), 2912.
- C₁₉H₄ONCl** 5-Chloro-2-benzamidodiphenyl (SCARBOROUGH and WATERS), 93.
 Chlorobenzoyldiphenylamines (CHAPMAN), 1748.
 Chlorophenylbenziminophenyl ethers (CHAPMAN), 1746.
- C₁₉H₁₄ONBr** 5-Bromo-2-benzamidodiphenyl (SCARBOROUGH and WATERS), 94.
- C₁₉H₁₄O₂NCl** 4'-Chloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2856.
- C₁₉H₁₄O₂NBr** 4'-Bromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2860.
- C₁₉H₁₄OIAS** 10-Phenyl-10-methylphenoxarsonium iodide (AESCHLIMANN), 415.
- C₁₉H₁₆O₅NBr** 6'-Bromo-5:6-dimethoxy-3':4'-methylenedioxy-1-benzoyl-3:4-dihydroisoquinoline (HAWORTH), 2284.
- C₁₉H₁₇O₂N₂I** 2:2'-Dimethylxocarbocyanine iodide (HAMER), 2803.
- C₁₉H₁₇O₂NIAS** 10-Phenyl-10-methyl-5:10-dihydrophenarsazonium iodide (AESCHLIMANN), 416.
- C₁₉H₁₇N₂IS₂** 2:2'-Dimethylthiocarbocyanine iodide (HAMER), 2802.
- C₁₉H₁₈ONBr** 6-Bromo-9-benzoylhexahydrocarbazole (GURNEY and PLANT), 1322.
- C₁₉H₁₈O₂NCl** 3:11-Dimethoxyprotoberberinium chloride (CHAKRAVARTI, HAWORTH, and PERKIN), 2272.
- C₁₉H₁₈O₂NI** 3:11-Dimethoxyprotoberberinium iodide (CHAKRAVARTI, HAWORTH, and PERKIN), 2272.
- C₁₉H₁₈O₄NBr** 6'-Bromo-5:6-dimethoxy-3':4'-methylenedioxy-1 benzyl-3:4-dihydroisoquinoline (HAWORTH), 2284.
- C₁₉H₂₀O₂N₂Br₂** Pimelo-*p*-bromoanilide (BARNICOAT), 2928.
- C₁₉H₂₀O₄N₂S** *s*-Dicarbethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 442.
- C₁₉H₂₀O₅BrN** 6'-Bromo-3':4'-methylenedioxyphenylaceto- β -2:3-dimethoxyphenylethylamide (HAWORTH), 2284.

19 V

- C₁₉H₈O₂NCl₃Br₄** Trichlorotetrabromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2864.
- C₁₉H₁₀ONCl₃Br₃** Trichlorodibromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.
- C₁₉H₁₀O₂NCl₂Br₃** Dichlorotribromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.
- C₁₉H₁₀O₂NCl₇S** Heptachlorobenzoquinoneanil (BRADFIELD, COOPER, and ORTON), 2859.
- C₁₉H₁₁O₂NCl₃Br** Trichlorobromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2863.
- C₁₉H₁₁O₂NCl₆S** Hexachloro-4-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2858.
- C₁₉H₁₃O₂NBr₅S** Pentabromo-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2860.
- C₁₉H₁₃O₂NCl₅S** 2:6:2':4':6'-Pentachloro-4-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.

- $C_{19}H_{12}O_3NCl_4S$ 2:6:2'14'-Tetrachloro-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.
 $C_{19}H_{11}O_3NCl_3S$ 2:2':4'-Trichloro-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.
 $C_{19}H_{11}O_3NBr_3S$ Tribromo-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2860.
 $C_{19}H_{10}O_3NBrS$ 4'-Bromo-4-*p*-toluenesulphonamidodiphenyl (BELL and ROBINSON), 1131.

19 VI

- $C_{19}H_{12}O_3NCl_2Br_3S$ Dichlorotribromo-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.
 $C_{19}H_{11}O_3NCl_3Br_2S$ Trichlorodibromo-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.
 $C_{19}H_{11}O_3NCl_3BrS$ Trichlorobromosulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2863.

 C_{20} Group.

- $C_{20}H_{16}O_4$ Benzanthrappurpurin trimethyl ether (CROSS and PERKIN), 1302.
 $C_{20}H_{18}O$ Benzhydryl *p*-tolyl ether (HEILBRON and HILL), 2011.
 $C_{20}H_{26}S$ Di- α -phenylbutyl sulphide (EVANS, MABBOTT, and TURNER), 1167.
 $C_{20}H_{25}O_{14}$ Tetracarboethoxy γ -ethylfructoside (ALLPRESS, HAWORTH, and INKSTER), 1236.
 $C_{20}H_{24}O_{13}$ 2:3:4:5-Tetramethylgluconic acid (HAWORTH, LOACH, and LONG), 3154.
 $C_{20}H_{40}O_2$ Acid, from oxidation of *n*-triacontane (FRANCIS and WOOD), 1900.

20 III

- $C_{20}H_{10}O_3N_6$ 2:3-Di(3':5'-dinitrophenyl)quinoxaline (CHATTAWAY and COULSON), 579.
 $C_{20}H_{12}O_4N_4$ 2:3-Di(3'-nitrophenyl)quinoxaline (CHATTAWAY and COULSON), 578.
 $C_{20}H_{12}O_3N_6$ 3:5:3':5'-Tetranitrobenzil phenylhydrazone (CHATTAWAY and COULSON), 579.
 $C_{20}H_{18}O_2N$ 4-Phthalimidodiphenyl (SCARBOROUGH and WATERS), 1140.
 $C_{20}H_{14}O_5N_4$ 3:3'-Dinitrobenzil phenylhydrazone (CHATTAWAY and COULSON), 578.
 $C_{20}H_{16}O_3N_2$ 2-Acetyl-3- β -phthalimidoethylindole (MANSKE, PERKIN, and ROBINSON), 11.
 $C_{20}H_{16}O_4N_2$ $\alpha\gamma$ -Diphthalimido- β -methylpropane (MANN), 2915.
 $C_{20}H_{17}O_2N$ *N*-Phenylbenzimidinoanisyl ethers (CHAPMAN), 1745.
 Benzoylmethoxydiphenylamines (CHAPMAN), 1748.
 $C_{20}H_{17}O_2N_3$ Benzenylmethyl-*p*-nitrophenylamidophenylimidine, and its salts (CHEW and PYMAN), 2321.
 $C_{20}H_{17}O_2Cl$ 3-*o*-Hydroxyphenyl-5-chlorostyryl- Δ^5 -cyclohexen-1-ones (HEILBRON and HILL), 922.
 $C_{20}H_{19}O_2N$ Anhydromethyl-3:11-dimethoxytetrahydroprotoberberine, and its hydrochloride (CHAKRAVARTI, HAWORTH, and PERKIN), 2274.
 $C_{20}H_{19}O_3N_3$ ζ -Phthalimidohexane- $\beta\gamma$ -dione γ -phenylhydrazone (MANSKE, PERKIN, and ROBINSON), 9.
 $C_{20}H_{20}O_3N_4$ *n*-Butyl 1-phenyl-4:5-diketopyrazoline-3-carboxylate 4-phenylhydrazone (CHATTAWAY and HUMPHREY), 2139.
 Ethyl 4:5-diketo-1-tolylpyrazolinecarboxylate tolylhydrazones (CHATTAWAY and HUMPHREY), 2796.
 $C_{20}H_{20}O_4N_2$ *N*-Methyl-*N*- β -piperonylethyl-6-aminomethylhomopiperonylonitrile (STEVENS), 182.
 $C_{20}H_{20}O_7N_2$ Ethyl bis-*p*-nitrobenzylacetoacetate (BURGESS), 2019.

- $C_{20}H_{21}O_4N_3$ ζ -*o*-Carboxybenzamido-hexane- $\beta\gamma$ -dione γ -phenylhydrazone (MANSKE, PERKIN, and ROBINSON), 8.
- $C_{20}H_{21}O_5Cl$ 5:6:7:4'-Tetramethoxy-4-methylflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3035.
- $C_{20}H_{21}O_6N$ *N*-Methyl-*N*- β -piperonylethyl-6-aminomethylhomopiperonylic acid (STEVENS), 187.
- $C_{20}H_{22}O_6N_2$ *N*-Methyl-*N*- β -piperonylethyl-6-aminomethylhomopiperonylamide (STEVENS), 183.
- $C_{20}H_{24}O_2N_2$ Adipotoluidides (BARNICOAT), 2928.
- $C_{20}H_{26}O_2S$ $\gamma\gamma'$ -Dibenzoyloxydipropyl sulphide (BENNETT and HOCK), 480.
- $C_{20}H_{26}O_3S$ Menthyl naphthalenesulphonates, rotation and decomposition of (PATERSON and McALPINE), 353.
- $C_{20}H_{26}NI$ 4-Phenyl-1-benzyl-1-ethylpiperidinium iodides (MILLS, PARKIN, and WARD), 2621.

20 IV

- $C_{20}H_{15}O_2N_2Bi$ Triphenylbismuthine dicyanate (CHALLENGER and WILSON), 211.
- $C_{20}H_{15}O_2N_2Sb$ Triphenylstibine dicyanate (CHALLENGER and WILSON), 211.
- $C_{20}H_{16}O_3N_2Br_4$ *n*-Butyl dibromophenyl-4:5-diketopyrazoline-3-carboxylate dibromophenylhydrazone (CHATTAWAY and HUMPHREY), 1326.
- $C_{20}H_{16}O_5N_2Be$ Beryllium nitrobenzoylacetones (BURGESS), 2018.
- $C_{20}H_{18}O_4N_2S$ 3-Nitro-4-*p*-toluenesulphonmethylamidodiphenyl (BELL and ROBINSON), 1129.
- $C_{20}H_{18}O_4N_2Br_4$ Ethyl diketosuccinate 2:4-dibromophenylosazone (CHATTAWAY and HUMPHREY), 1326.
- $C_{20}H_{19}O_4N_2Br$ *N*-Methyl-*N*-6'-bromo- β -piperonylethyl-6-aminomethylhomopiperonylonitrile, and its salts (STEVENS), 185.
- $C_{20}H_{20}O_4N_2Cl$ ζ -*o*-Carboxybenzamido-hexane- $\beta\gamma$ -dione γ -*m*-chlorophenylhydrazone (MANSKE, PERKIN, and ROBINSON), 10.
- $C_{20}H_{22}O_2N_2Br_2$ Subero-*p*-bromoanilide (BARNICOAT), 2928.
- $C_{20}H_{23}O_2Cl_4Fe$ 5-Hydroxy-3:3':4'-trimethoxy-6:8-dimethylflavylium ferrichloride (ROBERTSON and ROBINSON), 2204.
- $C_{20}H_{24}O_2NCl$ 3:11-Dimethoxytetrahydroprotoberberine methochlorides (CHAKRAVARTI, HAWORTH, and PERKIN), 2274.
- $C_{20}H_{24}O_2NI$ 3:11-Dimethoxytetrahydroprotoberberine methiodides (CHAKRAVARTI, HAWORTH, and PERKIN), 2273.

20 V

- $C_{20}H_{12}O_6N_2S_2Na_2$ Sodium 4-sulpho- α -naphthaleneazo- β -naphthyl sulphite (KING), 2644.
- $C_{20}H_{20}O_4N_2Br_2S_2$ 1-Amino-5-carbethoxybenzthiazole tribromide (DYSON, HUNTER, and MORRIS), 1190.

C₂₁ Group.

- $C_{21}H_{12}O_5$ Benzoylalazarin (GREEN), 2931.
- $C_{21}H_{14}O_2$ Benzo- β -naphthaspiropyran (DICKINSON and HEILBRON), 1702.
- $C_{21}H_{14}O_5$ 2:5-Dihydroxybenzaldehyde dibenzoate (HODGSON and BEARD), 2340.
- $C_{21}H_{14}O_6$ Diacetyl*isobenzanthragallol* (CROSS and PERKIN), 1302.
- Diacetyl*isobenzflavopurpurin* (CROSS and PERKIN), 1305.
- $C_{21}H_{14}Cl_2$ 1:5-Dichloro-9-phenyl-10-methylene-9:10-dihydroanthracene (BARNETT, COOK, and WILTSHIRE), 1731.
- $C_{21}H_{16}O_2$ 4-Hydroxy-2:2-diphenyl- Δ^3 -chromen (HEILBRON and HILL), 2010.
- $C_{21}H_{16}N_2$ Amino-2:4-diphenylquinolines (FAWCETT and ROBINSON), 2258.
- $C_{21}H_{18}O_2$ 2-Benzoyldi-*p*-tolyl ether (REILLY and DRUMM), 2818.
- $C_{21}H_{20}O_8$ Acetylquercetin tetramethyl ether (ATTREE and PERKIN), 239.

- $C_{21}H_{20}O_{10}$ *iso*Quercitrin (ATTREE and PERKIN), 237.
 $C_{21}H_{20}O_{12}$ Quercimeritrin (ATTREE and PERKIN), 237.
 $C_{21}H_{24}O_{12}$ 4-*O*-Tetra-acetylglucosidoxy-2-hydroxybenzaldehyde (ROBERTSON and ROBINSON), 245.
 $C_{21}H_{32}O_{11}$ Ethyl $\alpha\beta\beta'$ -tricarbethoxy*isobutyril*succinate (ROBINSON and ZAKI), 2413.
 $C_{21}H_{40}O_{12}$ Methyl octamethyl cellobionate (HAWORTH, LONG, and PLANT), 2813.
 Methyl octamethyl-lactobionate (HAWORTH and LONG), 547.

21 III

- $C_{21}H_{15}OCl$ 2-Styryl- β -naphthapyrylium chloride (DICKINSON and HEILBRON), 18.
 $C_{21}H_{15}O_2Cl$ 3-*p*-Hydroxystyryl- β -naphthapyrylium chloride (+ 2H₂O) (DICKINSON and HEILBRON), 18.
 $C_{21}H_{15}O_3Cl$ 2-Chlorostyryl-5-methyl-3:4-coumalo-6-benzopyrans (HEILBRON and HILL), 921.
 $C_{21}H_{17}O_2N$ Benzoyl-*p*-acetyldiphenylamine (CHAPMAN), 1748.
N-Phenylbenziminooacetylphenyl ethers (CHAPMAN), 1746.
 $C_{21}H_{17}N_2Br_3$ *o*-Bromobenzylidene di-*o*-bromobenzylhydrazine (KENNER and WILSON), 1111.
 $C_{21}H_{18}O_3N_4$ $\omega\omega$ -Dichloro-5-carboxy-2-hydroxyacetophenone osazone (CHATTAWAY and PRATS), 691.
 $C_{21}H_{18}O_4N_2$ 6-Methoxy-2-acetyl-3- β -phthalimidoethylindole (MANSKE, PERKIN, and ROBINSON), 13.
 $C_{21}H_{18}N_2Br_2$ Benzylidenedi-*o*-bromobenzylhydrazine (KENNER and WILSON), 1111.
 $C_{21}H_{19}O_2N$ 3-Benzoylamino-di-*p*-tolyl ether (REILLY and BARRETT), 1400.
 $C_{21}H_{21}O_4N_3$ ζ -Phthalimidohexane- $\beta\gamma$ -dione γ -*m*-methoxyphenylhydrazone (MANSKE, PERKIN, and ROBINSON), 12.
 $C_{21}H_{21}O_5N$ Oxypalmatine (HAWORTH, KOEFFLI, and PERKIN), 553.
 $C_{21}H_{21}O_8Cl$ 3- β -Glucosidoxy-7-hydroxyflavylium chloride (ROBERTSON and ROBINSON), 244.
 $C_{21}H_{22}O_2N_2$ Normethylstrychnine (CLEMO, PERKIN, and ROBINSON), 1624.
 Strychnine (OXFORD, PERKIN, and ROBINSON), 2380.
 $C_{21}H_{22}O_5Br_4$ 3:3':4:4'-Tetramethoxydistyryl ketone tetrabromide (DICKINSON, HEILBRON, and IRVING), 1892.
 $C_{21}H_{22}O_3N_3$ ζ -*o*-Carboxybenzamido-hexane- $\beta\gamma$ -dione β -*m*-methoxyphenylhydrazone (MANSKE, PERKIN, and ROBINSON), 12.
 $C_{21}H_{24}ON_2$ *iso*Strychnidine (OXFORD, PERKIN, and ROBINSON), 2404.
 $C_{21}H_{24}O_2N_2$ Dihydrostrychnines (OXFORD, PERKIN, and ROBINSON), 2393.
 $C_{21}H_{24}O_3N_2$ Strychnidone (CLEMO, PERKIN, and ROBINSON), 1613.
*allo*Strychnidone (CLEMO, PERKIN, and ROBINSON), 1615.
 $C_{21}H_{25}ON_3$ Aminostrychnidine (OXFORD, PERKIN, and ROBINSON), 2408.
 $C_{21}H_{25}O_3N_3$ Strychnidone oxime (CLEMO, PERKIN, and ROBINSON), 1614.
 $C_{21}H_{25}O_4N$ Tetrahydropalmatine (HAWORTH, KOEFFLI, and PERKIN), 553.
 $C_{21}H_{25}O_5N$ 3:11-Dimethoxytetrahydroprotoberberine methocarbonate (CHAKRAVARTI, HAWORTH, and PERKIN), 2274.
 $C_{21}H_{25}ON_2$ Dihydrostrychnidines (OXFORD, PERKIN, and ROBINSON), 2399.
 $C_{21}H_{26}O_2N_2$ Pimelotoluidides (BAENICOAT), 2928.
 Tetrahydrostrychnine (CLEMO, PERKIN, and ROBINSON), 1600.
 $C_{21}H_{26}O_4N_3$ Anhydromethoxymethylstrychnidonic acid (CLEMO, PERKIN, and ROBINSON), 1616.
 Dioxhydroxydihydrostrychnidine (OXFORD, PERKIN, and ROBINSON), 2407.
 $C_{21}H_{26}O_2N_2$ Hexahydrostrychnine (OXFORD, PERKIN, and ROBINSON), 2403.

$C_{21}H_{23}O_5N_2$ Dioxyhydroxyhexahydrostrychnine (OXFORD, PERKIN, and ROBINSON), 2407.

Methoxymethylstrychnidonic acid (CLEMO, PERKIN, and ROBINSON), 1616.

$C_{21}H_{31}O_4N_5$ 2:4-Dinitro-1:3:5-tripiperidinobenzene (LE FÈVRE and TURNER), 1119.

$C_{21}H_{35}ON_3$ *iso*Pulegone δ - δ -bornylsemicarbazone (GOODSON), 1998.

21 IV

$C_{21}H_{16}O_{13}N_2S_4$ *s*-Carbamides of naphthylaminedisulphonic acids, sodium salts (BALABAN and KING), 3086.

$C_{21}H_{16}O_{15}N_2S_4$ *s*-Carbamide of 2:8-aminonaphthol-3:6-disulphonic acid, salts (BALABAN and KING), 3094.

$C_{21}H_{21}O_2N_2I$ 2:2'-Diethylloxycarbocyanine iodide (HAMER), 2803.

$C_{21}H_{21}N_2IS_2$ 2:2'-Diethylthiocarbocyanine iodide (HAMER), 2802.

$C_{21}H_{24}O_2N_2Br_2$ Azelo-*p*-bromoanilide (BARNICOAT), 2928.

$C_{21}H_{25}ON_2I$ Strychnidine hydriodide (CLEMO, PERKIN, and ROBINSON), 1600.

$C_{21}H_{29}O_4NS$ Benzenesulphonngaiylamide (MCDOWALL), 738.

C_{22} Group.

$C_{22}H_{16}O_2$ Methylbenzo- β -naphthaspiropyrans (DICKINSON and HEILBRON), 1702.

$C_{22}H_{16}Cl_2$ 1:5-Dichloro-9-phenyl-10-ethylidene-9:10-dihydroanthracene (BARNETT, COOK, and WILTSHIRE), 1731.

$C_{22}H_{18}O$ 2:2-Diphenylmethyl- Δ^3 -chromens (HEILBRON and HILL), 2010.

$C_{22}H_{18}O_2$ 4-Methoxy-2:2-diphenyl- Δ^3 -chromen (HEILBRON and HILL), 2010.

$C_{22}H_{18}O_4$ 2-*o*-Carboxybenzoyldi-*p*-tolyl ether and its silver salt (REILLY and DRUMM), 2816.

$C_{22}H_{18}O_8$ Tetra-acetylflavopurpurin-anthranol (CROSS and PERKIN), 1305.

$C_{22}H_{18}N_2$ 8-Methoxy-2:3-diphenyl-5-methylquinoxaline (DADSWELL and KENNER), 583.

$C_{22}H_{20}O_2$ 2:4-Diphenyl-3-methylchroman-2-ol (HEILBRON and HILL), 2012.

Ethyl triphenylmethane-*o*-carboxylate (BARNETT, COOK, and NIXON), 507.

$C_{22}H_{22}O$ Diphenyl-*o*-tolyl carbonyl ethyl ether (BOYD and HATT), 906.

$C_{22}H_{22}O_4$ Ethyl $\beta\beta'$ -diphenylmuconate (FARMER and DUFFIN), 411.

$C_{22}H_{26}O_{11}$ ω -*O*-Tetra-acetyl- β -glucosidoxyacetophenone (ROBERTSON and ROBINSON), 243.

$C_{22}H_{42}O_2$ *iso*Erucic acid, and its zinc salt (MIRCHANDANI and SIMONSEN), 371.

22 III

$C_{22}H_{16}O_3Cl$ 3-3':4'-Methylenedioxystryryl- β -naphthapyrylium chloride (DICKINSON and HEILBRON), 19.

$C_{22}H_{16}N_4S$ Di- β -naphthyliminotetrahydrothiadiazole (BAIRD, BURNS, and WILSON), 2533.

$C_{22}H_{17}O_2Cl$ 3-*p*-Methoxystyryl- β -naphthapyrylium chloride (DICKINSON and HEILBRON), 18.

$C_{22}H_{17}O_3Cl$ 3-3'-Methoxy-4'-hydroxystyryl- β -naphthapyrylium chloride (+ 2H₂O) (DICKINSON and HEILBRON), 18.

$C_{22}H_{18}O_8N_4$ Ethyl $\alpha\beta$ -di-*p*-nitrophenyl- $\alpha\beta$ -dicyanosuccinate (FAIRBOURNE and FAWSON), 49.

$C_{22}H_{18}N_4S_2$ Hydrazinedithiocarbo- β -naphthylamide (BAIRD, BURNS, and WILSON), 2533.

$C_{22}H_{22}O_8Cu$ Copper hydroxymethyleneacetoveratrone (PRATT, ROBERTSON, and ROBINSON), 1981.

$C_{22}H_{22}O_{10}Cl$ 4'- β -Glucosidoxy-5:7-dihydroxy-3-methoxyflavylium chloride (ROBERTSON and ROBINSON), 1714.

- $C_{22}H_{24}O_{22}N_2$ 4:4:5-Trimethyl- Δ^5 -cyclopentene-1:3-dicarbanilides (BHAGVAT and SIMONSEN), 85.
- $C_{22}H_{25}O_6N_5$ 2:5:3'-Trinitro-4:4'-dipiperidinodiphenyl (LE FÈVRE, MOIR, and TURNER), 2338.
- $C_{22}H_{26}ON_2$ Methyl- ψ -strychnidine, and its salts (CLEMO, PERKIN, and ROBINSON), 1603.
- $C_{22}H_{27}O_4N$ Anhydromethyltetrahydropalmatines (HAWORTH, KOEFFLI, and PERKIN), 2264.
- $C_{22}H_{27}O_5N$ Cryptopalmatine, and its hydrochloride (HAWORTH, KOEFFLI, and PERKIN), 2264.
- $C_{22}H_{27}O_7N$ Methyl N- β -veratrylethyl-3:4-dimethoxyhomophthalamate (HAWORTH, KOEFFLI, and PERKIN), 552.
- $C_{22}H_{28}ON_2$ Methyl-dihydrostrychnidine, and its salts (CLEMO, PERKIN, and ROBINSON), 1621; (OXFORD, PERKIN, and ROBINSON), 2402.
- $C_{22}H_{28}O_2N_2$ Subero-*o*-toluidide (BARNICOAT), 2928.
- $C_{22}H_{28}O_4N_2$ Akuamine, and its salts (HENRY and SHARP), 1954.

22 IV

- $C_{22}H_{16}O_5N_6Cl_4$ $\omega\omega$ -Dichloro-3:5-dinitro-2-ethoxyacetophenone osazone (CHATTAWAY and MORRIS), 2016.
- $C_{22}H_{25}O_2N_2Br$ Strychnine methobromide (CLEMO, PERKIN, and ROBINSON), 1599.
- $C_{22}H_{25}O_2N_2I$ Normethylstrychnine methiodide (CLEMO, PERKIN, and ROBINSON), 1625.
- $C_{22}H_{26}O_2N_2Br_2$ Sebaco-*p*-bromoanilide (BARNICOAT), 2928.
- $C_{22}H_{26}O_6N_4S$ 3:3'-Dinitro-4:4'-dipiperidinodiphenylsulphone (LE FÈVRE and TURNER), 1117.
- $C_{22}H_{27}ON_2Cl$ Methylneostychnidinium chloride (CLEMO, PERKIN, and ROBINSON), 1611.
- Strychnidine methochloride (CLEMO, PERKIN, and ROBINSON), 1601.
- $C_{22}H_{27}ON_2Br$ Strychnidine methobromide (CLEMO, PERKIN, and ROBINSON), 1601.
- $C_{22}H_{27}ON_2I$ Methylneostychnidinium iodide (CLEMO, PERKIN, and ROBINSON), 1611.
- $C_{22}H_{27}O_2N_2I$ Dihydrostrychnine methiodides (OXFORD, PERKIN, and ROBINSON), 2395.
- $C_{22}H_{27}O_{16}N_{10}Co$ Aquo-2:4-dinitrophenoxobisethylene diamminocobaltic 2:4-dinitrophenoxide (DUFF and BILLS), 2374.
- $C_{22}H_{28}O_4NCl$ Tetrahydropalmatine methochlorides (HAWORTH, KOEFFLI, and PERKIN), 2263.
- $C_{22}H_{28}O_4NI$ Tetrahydropalmatine methiodides (HAWORTH, KOEFFLI, and PERKIN), 2263.
- $C_{22}H_{29}ON_2Cl$ Dihydrostrychnidine methochloride (OXFORD, PERKIN, and ROBINSON), 2401.
- Methylneodihydrostrychnidinium chloride (CLEMO, PERKIN, and ROBINSON), 1623.
- $C_{22}H_{29}ON_2I$ Dihydrostrychnidine methiodide (OXFORD, PERKIN, and ROBINSON), 2400.
- Methylneodihydrostrychnidinium iodide (CLEMO, PERKIN, and ROBINSON), 1623.
- $C_{22}H_{30}O_{10}N_7Co$ Aquo-*p*-nitrophenoxobisethylenediamminocobaltic *p*-nitrophenoxide (DUFF and BILLS), 2373.

 C_{23} Group.

- $C_{23}H_{16}O_7$ Triacetylbenzanthrapurpurin (CROSS and PERKIN), 1301.
- $C_{23}H_{16}N_2$ 5:6-(2':3'-Diphenylpyrrolo)(4':5')-quinoline, and its salts (FAWCETT and ROBINSON), 2256.

- $C_{23}H_{16}O_2$ 1:2-Dibenzoyloxy-3-allylbenzene (PERKIN and TRIKOJUS), 1665.
 $C_{23}H_{19}Cl_2$ 1:5-Dichloro-9-phenyl-10-propylanthracenes (BARNETT, COOK, and WILTSHIRE), 1731.
 1:5-Dichloro-9-phenyl-10-propylidene-9:10-dihydroanthracene (BARNETT, COOK, and WILTSHIRE), 1731.
 $C_{23}H_{20}O$ 2:2-Diphenyldimethyl- Δ^3 -chromens (HEILBRON and HILL), 2011.
 $C_{23}H_{22}O_2$ Diphenyl-2-hydroxy- β :4-dimethylstyrylcarbinol (HEILBRON and HILL), 2011.
 $C_{23}H_{32}O_9$ *O*-Triacetyldihydrocarajurinol (CHAPMAN, PERKIN, and ROBINSON), 3024.
 $C_{23}H_{26}O_5$ 3:3'-Dimethoxy-4:4'-diethoxydistyryl ketone (DICKINSON, HEILBRON, and IRVING), 1894.
 $C_{23}H_{44}O_2$ Methyl *isoerucate* (MIRCHANDANI and SIMONSEN), 375.

23 III

- $C_{23}H_{17}ON$ *N*-Phenylbenziminonaphthyl ethers (CHAPMAN), 1745.
 $C_{23}H_{17}ON_3$ 9-Methylcarbazole-3-azo- β -naphthol (BURTON and GIBSON), 2386.
 $C_{23}H_{17}O_5Cl$ *O*-Benzoylacacetinidin chloride (+ H_2O) (PRATT, ROBERTSON, and ROBINSON), 1978.
 $C_{23}H_{19}O_2Cl$ 3:3':4'-Dimethoxystyryl- β -naphthapyrylium chloride (DICKINSON and HEILBRON), 19.
 $C_{23}H_{20}O_6N_4$ Ethyl dibenzeneazochelidonate (MULLEN and CROWE), 1752.
 $C_{23}H_{21}O_4Cl$ Ethyl 3-*o*-hydroxyphenyl-5-chlorostyryl- Δ^5 -cyclohexen-1-one-2-carboxylates (HEILBRON and HILL), 921.
 $C_{23}H_{21}N_5I$ 1:1'-Dimethyl-4:4'-carbocyanine iodide (HAMER), 2801.
 $C_{23}H_{25}O_7N_3$ Ethyl dibenzeneazoacetonedioxalate (MULLEN and CROWE), 1752.
 $C_{23}H_{24}O_3N_2$ *O*-Acetyl*iso*strychnine (OXFORD, PERKIN, and ROBINSON), 2396.
 $C_{23}H_{26}O_2N_2$ *O*-Acetyldihydro*iso*strychnine (OXFORD, PERKIN, and ROBINSON), 2398.
 $C_{23}H_{26}O_4N_2$ Brucine methohydrogencarbonate (GULLAND, PERKIN, and ROBINSON), 1635.
 $C_{23}H_{26}O_3N_2$ Brucidine and its salts (GULLAND, PERKIN, and ROBINSON), 1636.
 $C_{23}H_{26}O_4N_4$ 3:3'-Dinitro-4:4'-dipiperidinodiphenylmethane (LE FÈVRE and TURNER), 1120.
 $C_{23}H_{26}O_5N_3$ Tetrahydrobrucine nitrosoamine, and its hydrochloride (GULLAND, PERKIN, and ROBINSON), 1639.
 $C_{23}H_{30}O_2N_2$ Azelotoluidides (BARNICOAT), 2928.
 Methoxymethyl dihydrostrychnidine (CLEMO, PERKIN, and ROBINSON), 1602.
n-Nonanedicarboxyanilide (BARNICOAT), 2928.
 $C_{23}H_{30}O_3N_2$ Oxymethoxymethyl dihydrostrychnidines (CLEMO, PERKIN, and ROBINSON), 1604.
 $C_{23}H_{30}O_3N_3$ Strychnidone disemicarbazone (CLEMO, PERKIN, and ROBINSON), 1614.
 $C_{23}H_{30}O_4N_2$ Tetrahydrobrucine, and its salts (GULLAND, PERKIN, and ROBINSON), 1638.
 $C_{23}H_{32}O_2N_2$ Methoxymethyltetrahydrostrychnidine, and its salts (CLEMO, PERKIN, and ROBINSON), 1617.

23 IV

- $C_{23}H_{21}N_2BrS_2$ 2:2'-Diallylthiocarbocyanine bromide (HAMER), 2802.
 $C_{23}H_{25}O_2N_2S$ 4-*p*-Sulphobenzeneazobenzyl-*n*-butylaniline, and its sodium salt (REILLY and DRUMM), 1396.
 $C_{23}H_{26}O_2N_2Br_2$ *n*-Nonanedicarboxy-*p*-bromoanilide (BARNICOAT), 2928.
 $C_{23}H_{26}O_6N_2S$ Strychnine methosulphate (CLEMO, PERKIN, and ROBINSON), 1599.

- $C_{23}H_{29}ON_2I$ Methyl- ψ -strychnidine methiodide (CLEMO, PERKIN, and ROBINSON), 1610.
 $C_{23}H_{30}O_5N_2S$ Strychnidine methosulphate (CLEMO, PERKIN, and ROBINSON), 1600.
*iso*Strychnidine methosulphate (OXFORD, PERKIN, and ROBINSON), 2405.
 $C_{23}H_{30}O_5N_2S$ Dihydrostrychnine methosulphates (OXFORD, PERKIN, and ROBINSON), 2394.
 $C_{23}H_{32}ON_2I_2$ Dihydrostrychnidine dimethiodide (OXFORD, PERKIN, and ROBINSON), 2402.
 $C_{23}H_{32}O_5N_2S$ Dihydrostrychnidine methosulphate (OXFORD, PERKIN, and ROBINSON), 2400.
 $C_{23}H_{32}O_7N_4As_2$ *s*-Carbamido-3-amino-4-piperidinophenylarsinic acid, and its magnesium salt (KING), 1054.

C₂₄ Group.

- $C_{24}H_{14}N_2$ Substance, from oxidation of carbazole (MCLINTOCK and TUCKER), 1221.
 $C_{24}H_{16}N_2$ 6-Methoxyphenacylideneflavene (IRVINE and ROBINSON), 2093.
 $C_{24}H_{12}O_4$ 2-Hydroxy-5-methoxybenzylidenediacetophenone (IRVINE and ROBINSON), 2088.
 4-Methoxy-2:2-dianisyl- Δ^3 -chromen (HEILBRON and HILL), 2010.
 $C_{24}H_{26}N_5$ 3-*mp*-Dimethoxyphenyl-5-*mp*-dimethoxystyryl- Δ^5 -cyclohexen-1-one (DICKINSON, HEILBRON, and IRVING), 1892.
 $C_{24}H_{26}N_2$ 8 β -*pp'*-Tetramethyldiaminodiphenylstyrene and its dihydrochloride (RODD and LINCHE), 2185.
 $C_{24}H_{26}O_6$ 3:4-Dimethoxystyryl methyl ketone, dimeride (DICKINSON, HEILBRON, and IRVING), 1893.
 $C_{24}H_{29}N_3$ *pp'*-Tetramethyldiaminodiphenyl-*o*-tolylmethylamine (RODD and LINCHE), 2177.

24 III

- $C_{24}H_{12}N_2Br_4$ 3:6:3':6'-Tetrabromo-9:9'-dicarbazolyl (MCLINTOCK and TUCKER), 1216.
 $C_{24}H_{12}N_2I_4$ 3:6:3':6'-Tetraiodo-9:9'-dicarbazolyl (MCLINTOCK and TUCKER), 1218.
 $C_{24}H_{18}O_{12}N_2$ 4:4'-Bis-*op*-dinitrophenyl-2:2'-dinitrodiphenylamine (LE FÈVRE, MOIR, and TURNER), 2337.
 $C_{24}H_{17}O_5N_3$ Dibenzoyl-1-phenyl-4-amino-5-ketopyrazoline-3-carboxylic acid (CHATTAWAY and HUMPHREY), 2136.
 $C_{24}H_{18}ON_2$ 2-Keto-1-methyl-5:6-(2':3'-diphenylpyrrole)(4':5')-1:2-dihydroquinoline (FAWCETT and ROBINSON), 2257.
 Ketophenylethyldibenzodihydronaphthyridine (HAWORTH and PINK), 2347.
 $C_{24}H_{18}O_2N_2$ 1:8-Naphthaldianilide (DAVIES and LEEPER), 1127.
 $C_{24}H_{18}O_4N$ *o*-Nitrobenzylidene-*N*- β -phenylethylhomophthalimide (HAWORTH and PINK), 2347.
 $C_{24}H_{18}O_4N_2$ *o*-Nitrobenzylidene-*N*- β -phenylethylhomophthalimide (HAWORTH and PINK), 2347.
 $C_{24}H_{20}O_2Si$ Diphenoxydiphenylsilicane (KIPPING), 2731.
 $C_{24}H_{20}O_4N_4$ *meso*-1:4-Di-*m*-nitrobenzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 344.
 $C_{24}H_{22}ON_4$ Ketophenylethyldibenzohexahydronaphthyridine (HAWORTH and PINK), 2348.
 $C_{24}H_{22}O_2N_2$ *meso*-1:4-Dibenzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 344.
 $C_{24}H_{22}O_4Cl$ Ethyl 3-*o*-methoxyphenyl-5-*p*-chlorostyryl- Δ^5 -cyclohexen-1-one-2-carboxylate (HEILBRON and HILL), 923.

- $C_{24}H_{24}O_2N_4$ *meso*-1:4-Diphenylcarbamyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 345.
- $C_{24}H_{26}ON_3$ Benzoylbenzyl-*n*-butyl-*p*-phenylenediamine (REILLY and DRUMM), 1396.
- $C_{24}H_{27}O_{10}Cl$ 7-Glucosidoxy-3:3':4'-trimethoxyflavylium chloride (+H₂O) (ROBERTSON), 246.
- $C_{24}H_{27}O_{11}N$ Penta-acetylidican (ROBERTSON), 1941.
- $C_{24}H_{27}O_{12}N$ Methyl 3-tetra-acetyl- β -glucosidoxyindole-2-carboxylate (ROBERTSON), 1939.
- $C_{24}H_{28}O_2N_2$ *pp'*-Tetramethyldiaminodiphenyl-*p*-anisylcarbinol (RODD and LINCH), 2177.
pp'-Tetramethyldiaminodiphenylbenzylcarbinol (RODD and LINCH), 2184.
pp'-Tetramethyldiaminodiphenyl-*o*-tolylcarbinol (RODD and LINCH), 2177.
- $C_{24}H_{30}O_3N_2$ Methyl- ψ -brucidine, and its salts (GULLAND, PERKIN, and ROBINSON), 1651.
- $C_{24}H_{30}O_4N_4$ 4:4'-Dibromo-3:3'-dinitro-*s*-diphenylethane (LE FÈVRE and TURNER), 1120.
- $C_{24}H_{30}O_5N_2$ Acetylakuummine, and its salts (HENRY and SHARP), 1957.
- $C_{24}H_{31}O_5N_2$ Brucidone semicarbazone (GULLAND, PERKIN, and ROBINSON), 1652.
- $C_{24}H_{32}O_2N_3$ *n*-Decanedicarboxyanilide (BARNICOAT), 2928.
 Ethoxymethylidihydrostrychnidine (CLEMO, PERKIN, and ROBINSON), 1616.
 Sebacotoluidides (BARNICOAT), 2928.
- $C_{24}H_{32}O_3N_2$ Methyl- ψ -dihydrobrucidine, and its dihydriodide (GULLAND, PERKIN, and ROBINSON), 1661.
- $C_{24}H_{32}O_4N_2$ Brucidine methoxyhydroxide (+2H₂O) (GULLAND, PERKIN, and ROBINSON), 1641.
- $C_{24}H_{34}O_3N_2$ Methoxymethylidihydrostrychnidine methohydroxide (CLEMO, PERKIN, and ROBINSON), 1605.

24 IV

- $C_{24}H_{17}O_4N_2Br$ Substance, from benzidine and 4:4'-dibromo-3:3'-dinitrodiphenyl (LE FÈVRE and TURNER), 1121.
- $C_{24}H_{17}O_{10}N_2S_2$ Nitrobenzoylaminobenzoylnaphthylamine-3:6-disulphonic acids, and their salts (BALABAN and KING), 3079.
- $C_{24}H_{17}O_{11}N_2S_2$ 2-*m'*-Nitrobenzoyl-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acid, salts (BALABAN and KING), 3093.
- $C_{24}H_{17}O_{11}N_2S_2$ 1-*m'*-Nitrobenzoyl-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acid, sodium salt (BALABAN and KING), 3091.
- $C_{24}H_{17}O_{12}N_2S_2$ *m'*-Nitrobenzoyl-*m*-aminobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, salts (BALABAN and KING), 3095.
- $C_{24}H_{19}O_2Cl_4Fe$ 6-Methoxy-4-phenacylflavylium ferrichloride (IRVINE and ROBINSON), 2093.
- $C_{24}H_{19}O_3N_2S_2$ Diaminobenzoyl-2-naphthylamine-5:7-disulphonic acids, and their salts (BALABAN and KING), 3082.
- $C_{24}H_{19}O_3N_2S_2$ *m'*-Aminobenzoyl-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acids, sodium salts (BALABAN and KING), 3091.
- $C_{24}H_{19}O_{11}N_2S_2$ Diaminobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, sodium salts (BALABAN and KING), 3096.
- $C_{24}H_{19}O_2ClBr_3$ Tri-*o*-bromobenzylhydrazine hydrochloride (KENNER and WILSON), 1111.
- $C_{24}H_{23}O_2N_2I$ Methoxymethylidihydrostrychnidine methiodide (CLEMO, PERKIN, and ROBINSON), 1604.
- $C_{24}H_{30}O_2N_2Br_2$ *n*-Decanedicarboxy-*p*-bromoanilide (BARNICOAT), 2928.
- $C_{24}H_{31}O_3N_2Cl$ Methylneobrucidinium chloride (+H₂O) (GULLAND, PERKIN, and ROBINSON), 1650.

- $C_{24}H_{31}O_3N_2I$ Brucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1638.
 Methylneobrucidinium iodide (GULLAND, PERKIN, and ROBINSON), 1649.
 $C_{24}H_{28}O_2N_2I$ Methylneodihydrobrucidinium iodide (GULLAND, PERKIN, and ROBINSON), 1659.
 $C_{24}H_{28}O_4N_2I$ Tetrahydrobrucine methiodide (GULLAND, PERKIN, and ROBINSON), 1639.
 $C_{24}H_{28}O_2N_2I$ Methoxymethyltetrahydrostrychnidine methiodide (CLEMO, PERKIN, and ROBINSON), 1618.

C_{25} Group.

- $C_{25}H_{16}O_2$ Di- β -naphthaspiropyran (DICKINSON and HEILBRON), 20.
 $C_{25}H_{25}O_{11}$ *O*-Penta-acetyldihydrocarajuretinal (CHAPMAN, PERKIN, and ROBINSON), 3026.
 $C_{25}H_{26}O_6$ Triphenylmethyl glucose, methylation of (HAWORTH, HIRST, MILLER, and LEARNER), 2443.

25 III

- $C_{25}H_{17}O_3Cl$ 3-(β -2'-Hydroxy-1'-naphthylvinyl)- β -naphthapyrylium chloride (DICKINSON and HEILBRON), 19.
 $C_{25}H_{18}O_3N_2$ Ketopiperonylethylidibenzodihydronaphthyridine (HAWORTH and PINK), 2347.
 $C_{25}H_{18}O_6N_2$ *o*-Nitrobenzylidene-*N*- β -piperonylethylhomophthalimide (HAWORTH and PINK), 2347.
 $C_{25}H_{22}O_3N_2$ Ketopiperonylethylidibenzohexahydronaphthyridine (HAWORTH and PINK), 2348.
 $C_{25}H_{25}N_2I$ 1:1'-Diethylcarbocyanine iodides (HAMER), 2800.
 $C_{25}H_{29}O_4N_2$ 3-*mp*-Dimethoxyphenyl-5-*mp*-dimethoxystyryl- Δ^5 -cyclohexen-1-one semicarbazone (DICKINSON, HEILBRON, and IRVING), 1893.
 $C_{25}H_{29}N_2I$ Hexamethylindocarbocyanine iodide (HAMER), 2804.
 $C_{25}H_{32}O_4N_2$ *O*-Diacetylhexahydrostrychnine (OXFORD, PERKIN, and ROBINSON), 2404.
 $C_{25}H_{32}O_4N_2$ Brucidine methohydrogencarbonate (+ 2H₂O) (GULLAND, PERKIN, and ROBINSON), 1641.
 $C_{25}H_{32}O_6N_2$ Nitromethoxymethylidihydrobrucidine (GULLAND, PERKIN, and ROBINSON), 1647.
 $C_{25}H_{34}O_2N_2$ *n*-Nonanedicarboxytoluidides (BARNICOAT), 2928.
n-Undecanedicarboxyaniline (BARNICOAT), 2928.
 $C_{25}H_{34}O_4N_2$ Methoxymethylidihydrobrucidine, and its hydriodide (GULLAND, PERKIN, and ROBINSON), 1642.
 $C_{25}H_{34}O_5N_2$ Oxymethoxymethylidihydrobrucidine (GULLAND, PERKIN, and ROBINSON), 1643.
 $C_{25}H_{34}O_6N_2$ Dioxymethoxymethylidihydrobrucidine (GULLAND, PERKIN, and ROBINSON), 1643.
 $C_{25}H_{36}O_4N_2$ Methoxymethyltetrahydrobrucidine, and its salts (GULLAND, PERKIN, and ROBINSON), 1654.

25 IV

- $C_{25}H_{32}O_2N_2Br_2$ *n*-Undecanedicarboxy-*p*-bromoanilide (BARNICOAT), 2928.
 $C_{25}H_{33}O_3N_2I$ Methyl- ψ -brucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1651.
 $C_{25}H_{30}O_2N_2Cl_2$ Methoxymethylidihydrostrychnidine dimethochloride (CLEMO, PERKIN, and ROBINSON), 1607.
 $C_{25}H_{30}O_2N_2I_2$ Methoxymethylidihydrostrychnidine dimethiodide (CLEMO, PERKIN, and ROBINSON), 1606.
 $C_{25}H_{28}O_2N_2I_2$ Methoxymethyltetrahydrostrychnidine dimethiodide (CLEMO, PERKIN, and ROBINSON), 1620.

C₂₆ Group.

- C₂₆H₁₆Cl₂** 1:5-Dichloro-9:10-diphenylanthracene (BARNETT, COOK, and WILTSHIRE), 1732.
- C₂₆H₁₆Cl₄** 1:5:9:10-Tetrachloro-9:10-diphenyl-9:10-dihydroanthracene (BARNETT, COOK, and WILTSHIRE), 1729.
- C₂₆H₁₇Cl** 1-Chloro-9:10-diphenylanthracene (BARNETT, COOK, and WILTSHIRE), 1728.
- C₂₆H₃₀N₂** 9:9'-Dimethyl-3:3'-dicarbazyl (MAITLAND and TUCKER), 1390.
- C₂₆H₂₄N₂** *NN'*-Dimethyldiphenylbenzidine (MAITLAND and TUCKER), 1392.
- C₂₆H₃₂O₆** 3-Methoxy-4-ethoxystyryl methyl ketone, dimeride (DICKINSON, HEILBRON, and IRVING), 1894.

26 III

- C₂₆H₁₈OCl₂** 1:5-Dichloro-9:10-diphenyl-9:10-dihydroanthranol (BARNETT, COOK, and WILTSHIRE), 1732.
- C₂₆H₁₈O₂Cl₂** 1:5-Dichloro-9:10-diphenyl-9:10-dihydroanthraquinol (BARNETT, COOK, and WILTSHIRE), 1728.
- C₂₆H₂₀O₄N₆** 3:3'-Dinitrobenzil osazone (CHATTAWAY and COULSON), 578.
- C₂₆H₂₅O₂N₂** 1:8-Naphthalbisdimethylanilide (DAVIES and LERPER), 1127.
- C₂₆H₃₆OSi₂** Diphenylmethylsilicil oxide (KIPPING), 106.
- C₂₆H₃₆O₂N₂** *n*-Decanedicarboxytoluidides (BARNICOAT), 2928.

26 IV

- C₂₆H₁₆O₄N₂As₂** 10:10'-Bis-4-carboxy-5:10-dihydrophenarsazine (BURTON and GIBSON), 249.
- C₂₆H₁₈O₃N₂S₂** Dinitrodibenzaldehyde disulphide di-*p*-nitrophenylhydrazones (HODGSON and BEARD), 2424.
- C₂₆H₂₃O₃N₄S₂** 3:3'-Dinitro-4:4'-di-*p*-toluenesulphonamidodiphenyl (BELL and ROBINSON), 1130.
- C₂₆H₃₇O₄N₂Cl** Methoxymethyl dihydrobrucidine methochloride (GULLAND, PERKIN, and ROBINSON), 1645.
- C₂₆H₃₇O₄N₂I** Methoxymethyldihydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1643.
- C₂₆H₃₇O₄N₂I** Dioxymethoxymethyldihydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1648.
- C₂₆H₃₉O₄N₂I** Methoxymethyltetrahydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1655.
- C₂₆H₄₀O₃N₂S** Methoxymethyldihydrobrucidine methosulphate (GULLAND, PERKIN, and ROBINSON), 1645.

26 VI

- C₂₆H₅₆O₂N₂Cl₂S₂Pt₂** Tetrachloro(triaminopropane-camphor- β -sulphonate) platinum semihydrate (MANN), 1228.

C₂₇ Group.

- C₂₇H₁₈Cl₂** 1:5-Dichloro-9-phenyl-10-benzylanthracene (BARNETT, COOK, and WILTSHIRE), 1732.
- C₂₇H₂₀O₂** 3:3'-Dimethyldi- β -naphthaspiropyran (DICKINSON and HEILBRON), 1703.
- C₂₇H₂₃N₃** 2:4-Diphenyl-5:6-(4':5':6':7'-tetrahydroindole)(2':3')-quinoline (FAWCETT and ROBINSON), 2259.
- C₂₇H₃₀N₂** *pp'*-Tetramethyldiaminodiphenyl- α -naphthylmethylamine (RODD and LINGH), 2178.
- C₂₇H₃₀O₇** Ethyl 3-*mp*-dimethoxyphenyl-5-*mp*-dimethoxystyryl- Δ^8 -cyclohexen-1-one-2-carboxylate (DICKINSON, HEILBRON, and IRVING), 1892.
- C₂₇H₃₀O₁₆** Rutin (ATTREE and PERKIN), 236.

27 III

- $C_{27}H_{16}O_6N_4$ Triphthalimidotrimethylamine (KIPPING and MANN), 529.
 $C_{27}H_{20}OCl_4$ 1:5-Dichloro-9-phenyl-10-benzyl-9:10-dihydroanthranol (BARNETT, COOK, and WILTSHIRE), 1732.
 $C_{27}H_{25}O_2N_2$ Dioxydiphenyltetrahydroindoloquinoline (FAWCETT and ROBINSON), 2260.
 $C_{27}H_{24}ON_2$ Phenyl α -tetrahydrocarbazylamino(6)-styryl ketone (FAWCETT and ROBINSON), 2259.
 $C_{27}H_{24}O_3N_{10}$ Triphthalylhydrazidotriaminotrimethylamine (KIPPING and MANN), 529.
 $C_{27}H_{25}N_2I$ 1:1'-Diallyl-4:4'-carbocyanine iodide (HAMER), 2802.
 $C_{27}H_{27}ON_2$ *p*-Benzyl-*n*-butylaminobenzeneazo- β -naphthol (REILLY and DRUMM), 1396.
 $C_{27}H_{28}N_2O$ *pp'*-Tetramethyldiaminodiphenylnaphthylcarbinols (RODD and LINCHE), 2178.
 $C_{27}H_{33}N_2I$ Tetramethyldiethylindocarbocyanine iodide (HAMER), 2804.
 $C_{27}H_{38}O_2N_2$ *n*-Undecanedicarboxytoluidides (BARNICOAT), 2928.

27 IV

- $C_{27}H_{36}O_4N_2I$ Ethoxymethylhydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1649.
 $C_{27}H_{40}O_4N_2I_2$ Methoxymethyl dihydrobrucidine dimethiodide (GULLAND, PERKIN, and ROBINSON), 1645.
 $C_{27}H_{42}O_4N_2Cl_2$ Methoxymethyltetrahydrobrucidine dimethochloride (GULLAND, PERKIN, and ROBINSON), 1657.
 $C_{27}H_{42}O_4N_2I_2$ Methoxymethyltetrahydrobrucidine dimethiodide (GULLAND, PERKIN, and ROBINSON), 1656.
 $C_{27}H_{43}O_{10}N_2S_2$ Methoxymethylhydrostrychnidine dimethosulphate (CLEMO, PERKIN, and ROBINSON), 1605.
 $C_{27}H_{44}O_{10}N_2S_2$ Methoxymethyltetrahydrostrychnidine dimethosulphates (CLEMO, PERKIN, and ROBINSON), 1619.

 C_{28} Group.

- $C_{28}H_{16}O_6$ Dibenzoylizarin (GREEN), 2931.
 $C_{28}H_{20}O_2$ 3:3'-Trimethylenedi- β -naphthaspiropyran (DICKINSON and HEILBRON), 1704.
 $C_{28}H_{24}N_2$ 9:9'-Diethyl-3:3'-dicarbazyl (MAITLAND and TUCKER), 1390.
 $C_{28}H_{26}O_2$ Diphenyldi-*o*-tolylpinacol (BOYD and HATT), 905.
 $C_{28}H_{34}O_5$ 3-*m*-Methoxy-*p*-propoxyphenyl-5-*m*-methoxy-*p*-propoxystyryl- Δ^5 -cyclohexen-1-one (DICKINSON, HEILBRON, and IRVING), 1895.

28 III

- $C_{28}H_{18}O_9N_6$ *p*-Azoxydinitrostilbenes (NISBET), 2085.
 $C_{28}H_{20}O_5N_4$ *p*-Azoxy-2-nitrostilbene (NISBET), 2085.
 $C_{28}H_{21}O_2Cl$ 4-2'-Hydroxy-1'-naphthylidene-1:2:3:4-tetrahydro-8:9-benzoxanthylum chloride (DICKINSON and HEILBRON), 1704.
 $C_{28}H_{22}O_3S_4$ 2-*p*-Methoxyphenyl-1:3-benzdithiole 2-oxide (HURTLEY and SMILES), 536.
 $C_{28}H_{23}ON_2$ *p*-Azoxystilbene (NISBET), 2084.
 $C_{28}H_{23}O_4Cl$ Ethyl 4-*o*-chlorostyracyl-2-phenyl-1:4-benzopyran-3-carboxylate (HEILBRON and HILL), 923.
 $C_{28}H_{24}O_3N_2$ 2-*o*-Carboxybenzoyldi-*p*-tolyl ether phenylhydrazone (REILLY and DRUMM), 2817.

- $C_{28}H_{28}O_4N_2$ Dibenzoyl derivative of substance $C_{14}H_{16}ON_2$ (KRISHNAMURTI and DEY), 1351.
 $C_{28}H_{28}O_4N_2$ Styrynic benzoic anhydride (OXFORD, PERKIN, and ROBINSON), 2409.
 $C_{28}H_{36}O_4N_2$ Psychotrine, hydrogen oxalate of (BRINDLEY and PYMAN), 1074.
 $C_{28}H_{47}ON$ *iso*Erucic anilide (MIRCHANDANI and SIMONSEN), 375.

28 IV

- $C_{28}H_{24}O_2N_2Se_2$ Di-*o*-benzoylmethylaminodiphenyl diselenide (CLARK), 2807.
 $C_{28}H_{32}O_{12}N_8CO$ Nitrophenolnitrophenoxobisethylenediamminocobaltic nitrophenoxides (DUFF and BILLS), 2372.

C_{29} Group.

- $C_{29}H_{28}N_2$ 4:4'-Tetramethyldiaminodiphenylmethylenecenaphthene (RODD and LINCH), 2187.
 $C_{29}H_{54}O_{16}$ Hendecamelezitose (LEITCH), 591.

29 III

- $C_{29}H_{22}O_8N_4$ Triphthalimidotrimethylamine (KIPPING and MANN), 528.
 $C_{29}H_{29}N_2Br$ 6:6'-Dimethyl-1:1'-diallyl-2:2'-carbocyanine bromide (HAMER), 2801.
 $C_{29}H_{29}N_2I$ 6:6'-Dimethyl-1:1'-diallyl-2:2'-carbocyanine iodide (HAMER), 2801.
 $C_{29}H_{30}ON_2$ 4:4'-Tetramethyldiaminodiphenylacenaphthenylcarbinol (RODD and LINCH), 2187.
 $C_{29}H_{36}O_4N_2$ Emetamine, and its salts (BRINDLEY and PYMAN), 1075.
 $C_{29}H_{38}O_4N_2$ *O*-Methylpsychotrine, and its picrate (BRINDLEY and PYMAN), 1072.
 $C_{29}H_{49}ON$ *iso*Erucic *p*-toluidide (MIRCHANDANI and SIMONSEN), 375.

C_{30} Group.

- $C_{30}H_{62}$ *n*-Triacontane, oxidation of (FRANCIS and WOOD), 1897.

30 II

- $C_{30}H_{22}O_5$ 4'-Hydroxyflavanhydrone (IRVINE and ROBINSON), 2090.
 $C_{30}H_{29}O_7$ Trianhydrobisbenzoylactaldehydephloroglucinol (PRATT, ROBERTSON, and ROBINSON), 1976.
 $C_{30}H_{28}N_2$ 4:4'-Tetramethyldiaminodiphenylmethylenefluorene (RODD and LINCH), 2187.
 $C_{30}H_{30}O_2$ Tetra-*o*-tolylpinacol (BOYD and HATT), 908.
 $C_{30}H_{40}O$ Ketone, from oxidation of *n*-triacontane (FRANCIS and WOOD), 1901.
 $C_{30}H_{40}O_2$ Alcohol, from oxidation of *n*-triacontane (FRANCIS and WOOD), 1901.

30 III

- $C_{30}H_{20}O_9N_4$ *p*-Azoxy-2-nitro-3':4'-methylenedioxy stilbene (NISBET), 2085.
 $C_{30}H_{22}O_{11}N_6$ *p*-Azoxy-2:6-dinitro-4'-methoxystilbene (NISBET), 2085.
 $C_{30}H_{24}O_2N_4$ *p*-Azoxybenzylidene-*p*-aminoacetophenone (NISBET), 2084.
 $C_{30}H_{24}O_7N_4$ *p*-Azoxy-2-nitro-4'-methoxystilbene (NISBET), 2085.
 $C_{30}H_{30}O_2N_4$ 2:2'-Dibenzamidotetramethylbenzidine (BELL and ROBINSON), 1698.

30 IV

- $C_{30}H_{24}O_2N_2S_2$ *oo'*-Dicinnamamidodiphenyl disulphide (MILLS and WHITWORTH), 2747.
 $C_{30}H_{34}O_4N_4S_2$ 2:2'-Di-*p*-toluenesulphonylamidotetramethylbenzidine (BELL and ROBINSON), 1698.

30 V

- $C_{30}H_{24}O_2N_2Br_2S_2$ *oo'*-Dicinnamamidodibromodiphenyl disulphide (MILLS and WHITWORTH), 2747.

C₃₁ Group.

C₃₁H₂₀O₆ Ethyl di-*p*-naphthaspiropyran-3:3'-dicarboxylate (DICKINSON and HEILBRON), 1704.

31 III

C₃₁H₃₀ON₂ *pp'*-Tetraethyldiaminodiphenyl- β -naphthylcarbinol (RODD and LINCH), 2178.

31 IV

C₃₁H₄₂O₄N₂I₂ Emetamine dimethiodide (BRINDLEY and PYMAN), 1076.

C₃₂ Group.

C₃₂H₂₂Cl 10-Chloro-9:9:10-triphenyl-9:10-dihydroanthracene (BARNETT, COOK, and NIXON), 511.

C₃₂H₂₆O₇ 4'-Hydroxy-8-methoxyflavanhydrone (IRVINE and ROBINSON), 2091.

32 III

C₃₂H₂₂O₄Sb Triphenylstibine dibenzoate (CHALLENGER and WILSON), 212.

C₃₂H₃₀O₅N₆ *p*-Azoxy-2-nitro-4'-dimethylaminostilbene (NISBET), 2086.

C₃₂H₃₀O₄Bi Triphenylbismuthine dibenzoate (CHALLENGER and WILSON), 212.

C₃₃ Group.

C₃₃H₃₀O₅ 3:3'-Dimethoxy-4:4'-dibenzyloxydistyryl ketone (DICKINSON, HEILBRON, and IRVING), 1896.

C₃₄ Group.

C₃₄H₃₀O₈ 3:4:6:3':4':6'-Hexamethoxydianthrone (MACMASTER and PERKIN), 1309.

C₃₄H₄₀N₄ Octamethyltetra-aminotetraphenylethylene (RODD and LINCH), 2186.

C₃₄H₄₂O₂₀ Xanthorhammin (ATTREE and PERKIN), 236.

C₃₄H₄₆O₄ Dimethyl diphenate (BELL and ROBINSON), 1698.

34 III

C₃₄H₄₂ON₄ Octamethyltetra-aminotetraphenylethanol (RODD and LINCH), 2186.

34 IV

C₃₄H₂₄O₁₃N₄S₄ Azoxy-derivative of *m*-aminobenzoyl-1-naphthylamine-3:6-disulphonic acid, sodium salt (BALABAN and KING), 3079.

C₃₅ Group.

C₃₅H₂₀O₁₅N₄S₄ *s*-Carbamide of aminobenzoylnaphthylaminedisulphonic acid, sodium salt (BALABAN and KING), 3089.

C₃₅H₂₀O₁₇N₂S₄ *s*-Carbamide of 2-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acid, salts (BALABAN and KING), 3094.

C₃₅H₂₀O₁₇N₄S₄ *s*-Carbamide of 1-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acid, sodium salt (BALABAN and KING), 3092.

C₃₅H₂₀O₂₁N₄S₆ *s*-Carbamide of *m*-aminobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, sodium salt (BALABAN and KING), 3097.

C₃₆ Group.

C₃₆H₂₂N₂ Substance, from oxidation of carbazole (McLINTOCK and TUCKER), 1221.

C₃₇ Group.

C₃₇H₃₀O₆N₂ Benzylidenebisbenzoylmandelamides (INGHAM), 696.

37 IV

$C_{27}H_{45}O_2N_6As_2$ *s*-Carbamido-3-*m*-aminobenzamido-4-piperidinophenylarsinic acid, and its salts (KING), 1055.

 C_{38} Group.

$C_{38}H_{49}N_4$ $\alpha\alpha$ -4:4'-Tetramethyldiaminodiphenyl- $\beta\beta$ -4:4'-tetramethyldiaminodiphenylethylene (RODD and LINCH), 2186.

38 III

$C_{33}H_{50}ON_4$ $\alpha\alpha$ -4:4'-Tetraethyldiaminodiphenyl- $\beta\beta$ -4:4'-tetramethyldiaminodiphenylethan- α -ol (RODD and LINCH), 2186.

$\alpha\alpha$ -4:4'-Tetramethyldiaminodiphenyl- $\beta\beta$ -4:4'-tetraethyldiaminodiphenylethan- α -ol (RODD and LINCH), 2186.

 C_{39} Group.

$C_{39}H_{28}$ 9:9-Diphenyl-10:10-diphenylmethylene-9:10-dihydroanthracene (BARNETT, COOK, and NIXON), 511.

 C_{40} Group.

$C_{40}H_{34}O_2$ *s*-*oo'*-Dibenzylbenzpinacol (BARNETT, COOK, and NIXON), 509.

 C_{49} Group.

$C_{49}H_{36}O_{17}N_6S_4$ *s*-Carbamide of diaminobenzoyl-2-naphthylamine-6:8-disulphonic acid, salts (BALABAN and KING), 3089.

$C_{49}H_{36}O_{18}N_6S_4$ *s*-Carbamides of *m'*-aminobenzoyl-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acids, salts (BALABAN and KING), 3095.

$C_{49}H_{36}O_{22}N_6S_6$ *s*-Carbamide of diaminobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, salts (BALABAN and KING), 3097.

 C_{52} Group.

$C_{52}H_{38}$ Tetraphenyltetrahydrodianthranyl (BARNETT, COOK, and NIXON), 510.

 C_{60} Group.

$C_{60}H_{40}O_2Si_4$ Diphenoxyoctaphenylsilicotetrane (KIPPING), 2732.