

FORMULA INDEX.

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

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

The compounds are arranged—

Firstly, in groups according to the number of carbon atoms (thus C₁ group, C₂ group, etc.).

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

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

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

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

C₁ Group.

CH₄ Methane, propagation of flame in mixtures of air and (CHAPMAN and WHEELER), 2139; extinction of flames of, by diluent gases (COWARD and HARTWELL), 1522.

CO Carbon monoxide, catalytic dissociation of (CLEMINSON and BRISCOE), 2148; ignition of mixtures of hydrogen and (CAMPBELL and WOODHEAD), 3010.

CS₂ Carbon disulphide, flame spectra of (EMELÉUS), 2948.

1 II

CHN Hydrocyanic acid, specific heat of (INGOLD), 26, 2816; (PARTINGTON), 1559; potassium salt, double salts of, with cadmium, mercury, nickel, and zinc cyanides (CORBET), 3190.

CH₂O₂ Formic acid, photochemical decomposition of aqueous solutions of (ALLMAND and REEVE), 2852; velocity of reaction of iodine with (HAMMICK and ZVEGINZOV), 1105; sodium salt, reduction of silver acetate by (COUTIE), 887.

CH₄O Methyl alcohol, viscosity and density of (EWART and RAIKES), 1907; equilibrium between methyl formate and (CHRISTIANSEN), 413; influence of dissolved salts on miscibility temperatures of mixtures of paraffins with (HOWARD and PATTERSON), 2787.

CN₂H₂ Guanidine, hydrolysis of (BELL), 1213.

CSCI Thiocarbonyl chloride, interaction of, with chloro-substituted anilines (DYSON, GEORGE, and HUNTER), 3041.

1 III

CHNS Thiocyanic acid, ammonium salt, action of light on aqueous solutions of (HOLMES), 1690; (WERNER and BAILEY), 2970.

CH₅ON β -Methylhydroxylamine, determination of (BRADY and GOLDSTEIN), 2407.

C₂ Group.

C₂H₂ Acetylene, absorption of, by colloidal solutions (GATTERER), 299.

C₂H₄ Ethylene, reaction of bromine with (NORRISH and JONES), 55.

2 II

- C₂H₂O₄** Oxalic acid, photochemical decomposition of aqueous solutions of (ALLMAND and REEVE), 2834; manganese salt, hydrates of (CHAMBERLAIN, HUME, and TOPLEY), 2620; sodium salt, reactions of, with salts of weak metallic bases (BRITTON), 269.
- C₂H₂Br₄** Acetylene tetrabromide, action of, on organic bases (FULTON), 197.
- C₂H₂O** Acetaldehyde, photolysis of (BOWEN and WATTS), 1607.
- C₂H₄O₂** Acetic acid, and its ammonium salt, equilibrium of water and (SUGDEN), 960; beryllium salt, conductivity of (SIDGWICK and LEWIS), 2539; magnesium salt, constitution of aqueous solutions of (RIVETT), 1063; silver salt, reduction of, by sodium formate (COUTIE), 887; sodium salt, reactions of, with salts of weak metallic bases (BRITTON), 269.
- Methyl formate, equilibrium between methyl alcohol and (CHRISTIANSEN), 413.
- C₂H₅I** Ethyl iodide, preparation of (JONES and GREEN), 2760; reactions of, with sodium phenoxides in alcoholic solution (GOLDSWORTHY), 1254.
- C₂H₆O** Ethyl alcohol, temperature of maximum density of aqueous mixtures of (McHURCHISON), 1898; equilibria of, with alkali and alkaline earth salts (BONNELL and JONES), 318; influence of dissolved salts on miscibility temperatures of mixtures of paraffins with (HOWARD and PATTERSON), 2787; reactions of, with substituted carbamyl chlorides (PRICE), 3230.

2 III

- C₂HOCl₃** Chloral, condensation of phenols with (CHATTAWAY), 2720.
- C₂H₃O₂Cl₃** Chloral hydrate, effect of heat on (MOUNFIELD and WOOD), 498.
- C₂H₄OBr** Ethylene bromohydrin, preparation of (McDOWALL), 499.
- C₂H₄O₂S** Ethyl hydrogen sulphate (HAMID, SINGH, and DUNNICLIFF), 1098.

2 IV

- C₂H₃O₂ClBr** Chlorobromoacetic acid, optical activity of, and its salts (READ and McMATH), 2183.
- C₂H₃O₅ClS** *dl*-Chlorosulphoacetic acid, resolution of, and its salts (READ and McMATH), 2192.
- C₂H₁₀N₂Cl₂Cu₂** Ethylenediammonium cuprochloride (MORGAN and BURSTALL), 2026.
- C₂H₁₀N₂Br₄Cu₂** Ethylenediammonium cuprobromide (MORGAN and BURSTALL), 2026.

2 V

- C₂H₁₆O₁₂N₂Cl₂Cu** Tetra-aquoethylenediamminocupric perchlorate (MORGAN and BURSTALL), 2026.

C₃ Group.

- C₃H₄O₄** Malonic acid, beryllium salt, conductivity of (SIDGWICK and LEWIS), 2539.
- C₃H₆O** Acetone, photolysis of (BOWEN and WATTS), 1607; equilibrium of sodium iodide with (WADSWORTH and DAWSON), 2784; catalysis of the reaction of iodine with (DAWSON and CARTER), 2282; (DAWSON and DEAN), 2872.

3 III

- C₃H₁₁O₂N₂** 3-Amino-2:4-diketotetrahydrothiazole, hydrochloride of (STEPHEN and WILSON), 2538.
- C₃H₇O₂N** *dl*-Alanine, resolution of (KIPPING and POPP), 494.

3 IV

- C₃H₅O₂Cl₃Te** Trichlorotelluripropionic acid (MORGAN and KELLETT), 1088.
- C₃H₅O₂Br₃Te** Tribromotelluripropionic acid (MORGAN and KELLETT), 1088.
- C₃H₆ON₄S** 3-Amino-2:4-diketotetrahydrothiazole-2-hydrazone, dihydrochloride of (STEPHEN and WILSON), 2538.

$C_3H_{14}N_3Cl_2I$ Triaminopropane dihydrochloride hydriodide (MANN and POPE), 2681.

3 V

$C_3H_{14}ON_3Cl_5Pt$ Tetrachloro(triaminopropanehydrochloride), platinum hydrate (MANN), 2687.

3 VI

$C_3H_{14}ON_3ClBr_4Pt$ Tetrabromo(triaminopropanehydrochloride), platinum hydrate (MANN), 2687.

C₄ Group.

$C_4H_6O_6$ Tartaric acid, oxidation of, by silver salts in solution (MAXTED), 2178; sodium salt, reactions of, with salts of weak organic bases (BRITTON), 269.

C_4H_8O Methyl ethyl ketone, equilibrium of, with sodium iodide (WADSWORTH and DAWSON), 2784.

$C_4H_8O_2$ Ethyl acetate, effect of salts and compounds on solubility of (GLASSTONE, DIMOND, and JONES), 2935; (GLASSTONE, DIMOND, and HARRIS), 2939.

$C_4H_{10}O$ Ethyl ether, flame spectra of (EMELÉUS), 2948.

4 III

$C_4H_5O_3N_3$ 4-Nitro-5-hydroxy-1-methylglyoxaline, and its salts (BALABAN), 571.

$C_4H_5O_2N_4$ Azodicarboxymethylamide (COOPER and INGOLD), 1895.

$C_4H_5O_2S$ Methyl β -thiolpropionate (DRUMMOND and GIBSON), 3076.

$C_4H_{10}O_2N_4$ Hydrazinedicarboxymethylamide (COOPER and INGOLD), 1895.

4 IV

$C_4H_5O_3N_3Cl$ Chlorobarbituric acid hydrazide (MACBETH, NUNAN, and TRAILL), 1251.

$C_4H_5O_3N_3Br$ Bromobarbituric acid hydrazide (MACBETH, NUNAN, and TRAILL), 1252.

4 V

$C_4H_5O_5NSAg_2$ Methyl silver β -thiolpropionate argentinitrate (DRUMMOND and GIBSON), 3076.

$C_4H_{18}ON_4I_2Cu$ Aquobisethylenediamminocupric iodide (MORGAN and BURSTALL), 2023.

$C_4H_{20}O_2N_4I_2Cu$ Diaquobisethylenediamminocupric iodide (MORGAN and BURSTALL), 2022.

C₅ Group.

C_5H_5N Pyridine, equilibrium of sulphur and (HAMMICK and HOLT), 1995; reaction between picric chloride and (HODGES), 2417; bromoaurate, and additive compound with acetylene tetrabromide (FULTON), 198.

$C_5H_7N_5$ 5-Diazo-3-propyl-1:2:4-triazoles, chloroaurates of (REILLY and DRUMM), 1735.

$C_5H_8O_2$ Acetylacetone, absorption spectra of (MORTON and ROSNEY), 706.

$C_5H_{10}O_5$ *d*-Arabinose, oxidation of (MCOWAN), 1747.

$C_5H_{10}N_4$ Aminopropyl-1:2:4-triazoles, and their salts (REILLY and DRUMM), 1729.

5 III

$C_5H_9O_2N_2$ Crotonylcarbamides (PHILLIPS), 2981.

$C_5H_9N_3Cl$ 5-Chloro-3-propyl-1:2:4-triazoles (REILLY and DRUMM), 1735.

$C_5H_9ON_5$ 3-Propyl-1:2:4-triazole-5-*isodiazohydroxides* (REILLY and DRUMM), 1735.

5 IV

$C_5H_9ON_2S$ 4:5-Dihydroiminazole-2-thioglycollo-1-lactam (STEPHEN and WILSON), 2535.

$C_5H_9O_2N_2Br$ α -Bromobutyrylcarbamide (PHILLIPS), 2981.

5 V

$C_5H_{20}ON_4I_2Cu$ Methano-bisethylenediamminocupric iodide (MORGAN and BURSTALL), 2023.

C₆ Group.

C_6H_6 Benzene, vapour pressure of (JOLLY and VINCENT), 2156.

C_6H_{14} *n*-Hexane, effect of intensive drying on (SMITS, DE LIEFDE, SWART, and CLAASSEN), 2666.

6 II

$C_6H_6O_2$ Pyrocatechol, crystal structure of (CASPARI), 573.

Quinol, crystal structure of (CASPARI), 2944.

$C_6H_6S_2$ *o*-Dithiolbenzene (HURTLEY and SMILES), 1821.

C_6H_7O Mesityl oxide, absorption spectra of (MORTON), 719.

C_6H_7N α -Picoline, additive compound with acetylene tetrabromide (FULTON), 199.

$C_6H_8N_2$ *dl-cis-2:5*-Dimethylpiperazine, preparation and resolution of (KIPPING and POPE), 1076.

$C_6H_{10}O_3$ Ethyl acetoacetate, absorption spectra of (MORTON and ROSNEY), 706.

$C_6H_{10}O_6$ δ -Gluconolactone, and δ -Mannonolactone, structure of (HAWORTH and NICHOLSON), 1901.

$C_6H_{12}O_3$ β -Methoxyisovaleric acid (FARMER and KRACOVSKI), 2321.

$C_6H_{12}O_5$ γ -Methylxyloside (HAWORTH and WESTGARTH), 883.

Rhamnose, constitution of (HIRST and MACBETH), 22.

$C_6H_{12}O_6$ Dextrose, structure of (CHARLTON, HAWORTH, and PEAT), 89; (HIRST), 350; action of, on zirconium chloride solutions (BRITTON), 269.

Fructose and γ -Fructose, structure of (HAWORTH and HIRST), 1858.

$C_6H_{13}N_4$ $\beta\beta'\beta''$ -Triaminotriethylamine, complex nickel and palladium salts (MANN and POPE), 482.

6 III

$C_6H_3N_6Fe$ Hydroferricyanic acid, salts, preparation and estimation of (CUMMING and GOOD), 1924.

$C_6H_4O_5S_2$ Benzene-*o*-disulphonic anhydride (HURTLEY and SMILES), 1824.

$C_6H_4N_6Fe$ Hydroferrocyanic acid, salts, preparation and estimation of (CUMMING and GOOD), 1924; calcium, potassium, and sodium salts, solubilities of (FARROW), 49.

$C_6H_5O_2Cl$ 5-Chlororesorcinol (HODGSON and WIGNALL), 2827.

$C_6H_5O_2Br$ 5-Bromoresorcinol (HODGSON and WIGNALL), 2827.

$C_6H_5O_2I$ 5-Iodoresorcinol (HODGSON and WIGNALL), 2827.

$C_6H_6O_3S$ Benzenesulphonic acid, beryllium salt (SIDGWICK and LEWIS), 1290.

$C_6H_6N_3Cl$ *p*-Diazoiminobenzene hydrochloride (GRAY), 3178.

$C_6H_{12}O_4N_2$ *i*-Dimethoxysuccinamide (HAWORTH and HIRST), 1865.

$C_6H_{13}O_2N$ *n*- and *iso*-Butyl glycines and their salts (MORGAN), 80.

6 IV

$C_6H_2O_6N_3Cl$ Picryl chloride, reaction between pyridine and (HODGES), 2417.

$C_6H_2O_6N_3Br$ 3-Bromotrinitrophenols (HODGSON and MOORE), 160.

$C_6H_2O_5N_2Br$ 3-Bromodinitrophenols (HODGSON and MOORE), 158.

C_6H_4OBrAs *o*-Bromophenylarsenious oxide (BURTON and GIBSON), 457.

$C_6H_4O_3NCl$ Chloronitrobenzene, action of alcoholic potassium hydroxide on (RICHARDSON), 522.

$C_6H_4O_3NCl$ 3-Chloro-2-nitrophenol (HODGSON and MOORE), 158.

$C_6H_4O_3NBr$ 3-Bromonitrophenols (HODGSON and MOORE), 157.

$C_6H_4O_3NI$ 3-Iodo-5-nitrophenol (HODGSON and WIGNALL), 2077.

- $C_6H_5O_4NS_2$ Benzene-*o*-disulphonimide, and its silver salt (HURLBY and SMILES), 1825.
 $C_6H_5O_5NS_2$ Benzene-*o*-disulphonhydroxyimide (+ H_2O) (HURTLEY and SMILES), 1824.
 $C_6H_4N_3Cl_4Sb$ *p*-Diazoininobenzene hydrochloride-antimony trichloride (GRAY), 3178.
 $C_6H_7O_6N_2As$ 5-Nitro-4-amino-2-hydroxyphenylarsinic acid (HEWITT and KING), 825.
 $C_6H_7O_6SAs$ *p*-Sulphophenylarsinic acid (HEWITT, KING, and MURCH), 1369.
 $C_6H_9O_4N_2As$ 4:5-Diamino-2-hydroxyphenylarsinic acid (HEWITT and KING), 825.
 $C_6H_{10}O_3N_3S$ Methyl 4:5-dihydroiminazole-2-thioglycollate (STEPHEN and WILSON), 2535.
 $C_6H_{10}O_4S_2Ni$ Nickel thiopropionate (DRUMMOND and GIBSON), 3077.
 $C_6H_{22}N_4I_2Ni$ Bistriaminopropanenickelous iodide (MANN and POPE), 2680.
 $C_6H_{25}O_3N_6Co$ Bistriaminopropanecobaltic hydroxide, salts of (MANN and POPE), 2675.

6 V

- $C_6H_7O_{10}NBrS$ 3-Bromo-2:5:6-trinitrophenol-4-sulphonic acid, potassium salt (HODGSON and MOORE), 161.
 $C_6H_3O_4NIAs$ 5-Iodo-3-nitro-4-hydroxyphenylarsenious oxide (MACALLUM), 1647.
 $C_6H_7O_4NIAs$ 5-Iodo-3-amino-4-hydroxyphenylarsinic acid, and its salts (MACALLUM), 1645.
 $C_6H_{22}ON_4I_2Cu$ Ethanolbisethylenediamminocupric iodide (MORGAN, CARTER, and HARRISON), 2028.
 $C_6H_{22}O_3N_6SNI$ Bistriaminopropanenickelous sulphate (+ $5H_2O$) (MANN and POPE), 2680.
 $C_6H_{24}ON_4Cl_4Pt_2$ Tetrachloro(triaminopropanehydrochloride)platinum chloroplatinate hydrate (MANN), 2687.
 $C_6H_{28}O_3N_6Br_2Cu$ Bis(triaminopropanehydrobromide) cupric bromide dihydrate (MANN), 2686.

C₇ Group.

- $C_7H_4S_3$ 2-Thio-1:3-benzdithiole (HURTLEY and SMILES), 1826.
 $C_7H_6O_2$ Salicylaldehyde, condensation of, with benzyl methyl ketone (DICKINSON), 2234.
 $C_7H_6O_3$ Salicylic acid, heat of combustion of (VERKADE and COOPS), 1437.
 $C_7H_8O_4$ *cyclo*Pentene-1:2-dicarboxylic acids (HASSELL and INGOLD), 1469.
 Piperylenedicarboxylic acid (HASSELL and INGOLD), 1468.
 $C_7H_8N_2$ Benzamidine, nitrate of (FORSYTH, NIMKAR, and PYMAN), 802.
 C_7H_9N Lutidine, additive compound with acetylene tetrabromide (FULTON), 198.
 $C_7H_{10}O_4$ Acid, from methylation of ethyl *isopropylidenemalonate* (KON and SPEIGHT), 2730.
 $C_7H_{10}O_5$ *cyclo*Pentanol-1:2-dicarboxylic acid, and its silver salt (HASSELL and INGOLD), 1468.
 $C_7H_{11}N_3$ 2:3:4-Triaminotoluene (GORNALL and ROBINSON), 1983.
 $C_7H_{14}O$ Methyl*cyclo*hexanols, isomerism of, and their esters (GOUGH, HUNTER, and KENYON), 2052.
 $C_7H_{14}O_3$ Butyl lactates, rotatory dispersion of (WOOD, SUCH, and SCARF), 1928.
 $C_7H_{14}O_4$ Methylfructose, transformation of, into derivatives of γ -fructose (ALL-PRESS), 1720.

7 III

- C₇H₄OS₂** 1:3-Benzdithiol-2-one (HURTLEY and SMILES), 1826.
C₇H₄O₂Cl₂ Dichloro-3-hydroxybenzaldehydes (HODGSON and BEARD), 152.
C₇H₄O₂Br₂ 2:4:5:6-Tetrabromo-3-hydroxyanisole (HODGSON and WIGNALL), 2826.
C₇H₅OF Fluorobenzaldehydes (SHOESMITH, SOSSON, and SLATER), 2760.
C₇H₅O₂Cl Chloro-*m*-hydroxybenzaldehydes (HODGSON and BEARD), 149.
C₇H₅O₂I 4-Iodo-2:5-toluquinone (HODGSON and MOORE), 2040.
C₇H₅O₂N *m*-Nitrobenzaldehyde, condensation of quinaldine with (TAYLOR and WOODHOUSE), 2971.
C₇H₅O₃N 5-Nitrosalicylic acid, crystallography of (CHATTAWAY and CURJEL), 3210.
C₇H₅O₆N₃ 2:3:4-Trinitrotoluene (GORNALL and ROBINSON), 1981.
C₇H₅O₈N₃ Trinitroguaiacols, and their salts (OXFORD), 2009.
C₇H₅ClS₂ 1:3-Benzdithiylum chloride (HURTLEY and SMILES), 2267.
C₇H₆OI₂ 3:5-Di-iodoanisole (HODGSON and WIGNALL), 2078.
C₇H₆O₂N₂ Dinitroguaiacols (OXFORD), 2008.
 Dinitrohomocatechol (GRAESSER-THOMAS, GULLAND, and ROBINSON), 1975.
C₇H₆O₆S *m*-Carboxyphenylsulphuric acid, potassium salt (BURKHARDT and LAPWORTH), 689.
C₇H₆N₂S ψ -Aminobenzthiazole, and its hydrochloride (HUNTER), 1397.
C₇H₆N₂Se Selenocyananiline (CHALLENGER, PETERS, and HALÉVY), 1654.
C₇H₆ClBr Chlorobenzyl bromides (SHOESMITH and SLATER), 214.
C₇H₆BrI Bromobenzyl iodides (SHOESMITH and SLATER), 219.
C₇H₆BrF Fluorobenzyl bromides (SHOESMITH and SLATER), 220.
C₇H₇OCl Chloro-*m*-cresols (GIBSON), 1424.
 4-Chlorocresols (HODGSON and MOORE), 2037.
C₇H₇OBr 4-Bromocresols (HODGSON and MOORE), 2037.
C₇H₇OI 4-Iodo-*o*-cresol (HODGSON and MOORE), 2037.
C₇H₇OF *o*-Fluoroanisole (HOLMES and INGOLD), 1329.
C₇H₇ONa Sodium benzyl oxide, reactions of, with alkyl iodides (GOLDSWORTHY), 1102.
C₇H₇O₂N *o*-Nitrotoluene, mercuration of (COFFEY), 637; (BURTON, HAMMOND, and KENNER), 1802.
m- and *p*-Nitrotoluenes, mercuration of (COFFEY), 3215.
C₇H₇O₂Cl 5-Chloro-3-hydroxyanisole (HODGSON and WIGNALL), 2826.
C₇H₇O₂Br 5-Bromo-3-hydroxyanisole (HODGSON and WIGNALL), 2826.
C₇H₇O₂I 5-Iodo-3-hydroxyanisole (HODGSON and WIGNALL), 2826.
C₇H₇O₄N Nitroguaiacols (OXFORD), 2004.
C₇H₈O₃N₂ Nitro-*o*-anisidines (C. K. and E. H. INGOLD), 1318.
C₇H₈O₃S *p*-Toluenesulphonic acid, beryllium salt (SIDGWICK and LEWIS), 1290.
C₇H₈O₄Br₂ 2:3-Dibromocyclopentane-1:2-dicarboxylic acid (HASSELL and INGOLD) 1469.
C₇H₈O₅N₂ 4-Nitro-2-aminotoluene-5-sulphonic acid, and its salts (COFFEY), 3221.
C₇H₈O₇Br₃ 3-Bromo-1:1-dimethyl- Δ^2 -cyclopenten-2-ol-4-one (ROTHSTEIN and THORPE), 2017.
C₇H₁₁O₂Cl Substance, from tellurium tetrachloride and keto-ethylenebisacetyl-acetone (MORGAN and TAYLOR), 48.
C₇H₁₁O₄Na Diethyl sodiomalonate, action of, on ethyl citraconate or itaconate (INGOLD and SHOPPEE), 1912.
C₇H₁₁O₆Tl₃ Trithallium methylglucoside (FEAR and MENZIES), 939.
C₇H₁₂ON₄ 5-Acetylamino-3-*isopropyl*-1:2:4-triazole (REILLY and DRUMM), 1732.

- $C_7H_{14}O_2N_2$ *n*-Butyl carbamidoacetate (MORGAN), 81.
 ω -Ethoxymethylsuccinamide (INGOLD, SHOPPEE, and THORPE), 1487.
 $C_7H_{15}O_2N$ *n*- and *iso*-Butyl alanines, and their salts (MORGAN), 82.

7 IV

- $C_7H_2NCl_3S$ Trichlorophenylthiocarbimides (DYSON, GEORGE, and HUNTER), 3043.
 $C_7H_2O_3NS_2$ Nitro-1:3-benzdithiol-2-one (HURTLEY and SMILES), 1826.
 $C_7H_2O_4NCl_2$ Dichloronitro-3-hydroxybenzaldehydes, and their silver salts (HODGSON and BEARD), 2034.
 $C_7H_2O_6N_2Cl$ Chlorodinitro-3-hydroxybenzaldehydes, and their salts (HODGSON and BEARD), 2035.
 $C_7H_3NCl_2S$ 2:3-Dichlorophenylthiocarbimide (DYSON, GEORGE, and HUNTER), 3042.
 $C_7H_4O_4NCl$ Chloronitro-3-hydroxybenzaldehydes, and their silver salts (HODGSON and BEARD), 2032.
 $C_7H_4O_4N_2Cl_2$ 2:6-Dichloro-4-nitro-3-hydroxybenzaldoxime (HODGSON and BEARD), 2035.
 $C_7H_4O_6N_2Cl$ 2-Chloro-4:6-dinitro-3-hydroxybenzaldoxime (HODGSON and BEARD), 2035.
 $C_7H_4O_9N_2S$ 2:4-Dinitro-3-sulphobenzoic acid, sodium salt (GORNALL and ROBINSON), 1988.
 C_7H_4NBrSe *p*-Bromophenyl selenocyanate (CHALLENGER, PETERS, and HALÉVY), 1655.
 $C_7H_5ONS_2$ 2-Oximino-1:3-benzdithiole (HURTLEY and SMILES), 1826.
 $C_7H_5O_2NCl_2$ Dichlorohydroxybenzaldoximes (HODGSON and BEARD), 152.
 $C_7H_5O_4N_2Cl$ Chloronitro-3-hydroxybenzaldoximes (HODGSON and BEARD), 2032.
 $C_7H_5O_5N_2F$ 4:6-Dinitro-2-fluoroanisole (HOLMES and INGOLD), 1330.
 $C_7H_5N_2Cl_3S$ 3:4:6-Trichlorophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 3043.
 $C_7H_5N_2Br_2S$ 5-Bromo-1-aminobenzthiazole dibromide (HUNTER), 1397.
 $C_7H_5N_2SNa$ Sodium *o*-phenylenethiocarbamide (STEPHEN and WILSON), 2536.
 $C_7H_6O_2NCl$ Chloro-*m*-hydroxybenzaldoximes (HODGSON and BEARD), 150.
 4-Chloronitrosocresols (HODGSON and MOORE), 2037.
 4-Chlorotoluquinone-5-oxime (HODGSON and MOORE), 2040.
 $C_7H_6O_2NBr$ 4-Bromonitrosocresols (HODGSON and MOORE), 2038.
 4-Bromotoluquinone-5-oxime (HODGSON and MOORE), 2040.
 $C_7H_6O_2NI$ 4-Iodonitrosocresols (HODGSON and MOORE), 2038.
 4-Iodotoluquinone-5-oxime (HODGSON and MOORE), 2040.
 $C_7H_6O_2N_2Cl_2$ 2:6-Dichloro-4-nitro-*m*-toluidine (DAVIES and LEEPER), 1416.
 $C_7H_6O_3NBr$ 3-Bromo-2-nitrophenyl methyl ether (HODGSON and MOORE), 158.
 $C_7H_6O_3NI$ 3-Iodo-5-nitroanisole (HODGSON and WIGNALL), 2077.
 $C_7H_6O_3NF$ Nitro-*o*-fluoroanisoles (HOLMES and INGOLD), 1330.
 $C_7H_6O_6N_2S$ 3:5-Dinitro-2-hydroxyphenylmethylsulphone (POLLARD and ROBINSON), 3092.
 $C_7H_6N_2Cl_2S$ 2:3-Dichlorophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 3042.
 $C_7H_7ON_2Cl$ 2-Chloro-5-aminobenzaldoxime (HODGSON and BEARD), 151.
 $C_7H_7OCl_3Te$ *p*-Anisyttelluritrichloride (MORGAN and KELLETT), 1084.
 $C_7H_7O_3NS$ 5-Nitrothioguaiacol (HOLMES, C. K. and E. H. INGOLD), 1689.
 $C_7H_7O_4NS$ 2-Nitrotoluenesulphonic acids (COFFEY), 642.
 4-Nitrotoluenesulphonic acids, and their salts (COFFEY), 3220.

- C₇H₇O₅NS** Nitroanisole-2-sulphinic acids (HOLMES, C. K. and E. H. INGOLD), 1688.
 5-Nitro-2-hydroxyphenylmethylsulphone (POLLARD and ROBINSON), 3092.
 3-Nitro-4-toluenesulphonic acid, salts of (HEWITT, KING, and MURCH), 1361.
 4-Nitrotoluene-3-sulphonic acid, and its salts (COFFEY), 3222.
- C₇H₈ONCl** 3-Chloro-5-aminoanisole (HODGSON and WIGNALL), 2078.
 4-Chloro-5-amino-*o*-cresol (HODGSON and MOORE), 2038.
 Chloroanisidines, and their hydrochlorides (HODGSON and HANDLEY), 543.
- C₇H₈ONBr** 3-Bromo-5-aminoanisole (HODGSON and WIGNALL), 2078.
- C₇H₈ONI** 3-Iodo-5-aminoanisole (HODGSON and WIGNALL), 2078.
 4-Iodoaminocresols (HODGSON and MOORE), 2038.
- C₇H₈N₃ClS** ψ -Aminotoluthiazoles, and their hydrochlorides (HUNTER), 1397.
- C₇H₁₀O₃N₂S** *m*-Tolylenediamine-3-sulphonic acid, sodium salt (GORNALL and ROBINSON), 1982.
- C₇H₁₂O₂N₂S** Ethyl 4:5-dihydroimidazole-2-thioglycollate (STEPHEN and WILSON), 2535.

7 V

- C₇H₆O₂NClHg** Chloromercurinitrotoluenes (COFFEY), 638, 3218.

C₈ Group.

- C₈H₁₀** *p*-Xylene, equilibrium of sulphur and (HAMMICK and HOLT), 1995.

8 II

- C₈H₆O₃** *o*-Piperonal (PERKIN and TRIKOJUS), 2931.
- C₈H₆O₄** *o*-Piperonylic acid (PERKIN and TRIKOJUS), 2929.
- C₈H₈N₂** Phenylenediacetonitriles, reduction of (TITLEY), 508.
- C₈H₁₀O₂** *iso*Creosol (GRAESSER-THOMAS, GULLAND, and ROBINSON), 1972.
- C₈H₁₀O₄** *cyclo*Pentylidenemalonic acid (KON and SLEIGHT), 2731.
- C₈H₁₂O₃** Ethyl *cyclopentanone*-3-carboxylate (INGOLD, SHOPPEE, and THORPE), 1486.
- C₈H₁₂O₄** Dihydrosuberocolic acid (GOSS and INGOLD), 1474.
- C₈H₁₄O₅** Trimethyl γ -arabonolactone, structure of (HAWORTH and NICHOLSON), 1900.
 Trimethyl xylonolactones (HAWORTH and WESTGARTH), 885.
- C₈H₁₄O₆** $\alpha\alpha'$ -Dihydroxysuberic acid (GOSS and INGOLD), 1473.
- C₈H₁₄S₆** Ethylene trithioformate (HURTLEY and SMILES), 2268.
- C₈H₁₆O** Methyl*cyclohexyl*carbinol, resolution of (DOMLEO and KENYON), 1841.
- C₈H₁₆O₅** Trimethyl γ -xylose (HAWORTH and WESTGARTH), 885.
- C₈H₁₆O₆** Dimethyl glucose, new crystalline form of (HAWORTH and SEDGWICK), 2579.

Methyl methylfructoside (ALLPRESS), 1722.

8 III

- C₈H₄O₂S₂** 1:4-Benzdithian-2:3-dione (HURTLEY and SMILES), 2268.
- C₈H₅O₂Cl₃** 2:4:6-Trichloro-3-methoxybenzaldehyde (HODGSON and BEARD), 155.
- C₈H₅O₃N** 2:3-Methylenedioxybenzoxonitrile (PERKIN and TRIKOJUS), 2930.
- C₈H₅O₃Cl** 2:3-Methylenedioxybenzoyl chloride (PERKIN and TRIKOJUS), 2929.
- C₈H₆O₂Cl** Dichloro-3-methoxybenzaldehydes (HODGSON and BEARD), 154.
- C₈H₆O₂Cl₂** 3:5-Dichlorophenyl acetate (HODGSON and WIGNALL), 2078.
- C₈H₆O₂Br₂** 3:5-Dibromophenyl acetate (HODGSON and WIGNALL), 2078.
- C₈H₆O₃Cl₂** 2:6-Dichloro-3-methoxybenzoic acid (HODGSON and BEARD), 155.
- C₈H₆NBr** 6-Bromo-*o*-tolonitrile (BURTON, HAMMOND, and KENNER), 1803.
- C₈H₇ON₃** Acetyl-1:2:3-benzotriazole (BELL and KENYON), 954.

- $C_8H_7O_2N$ *o*-Piperonaloximes (PERKIN and TRIKOJUS), 2931.
 $C_8H_7O_2Cl$ Chloro-3-methoxybenzaldehydes (HODGSON and BEARD), 154.
 Phenylchloroacetic acid, action of water on (WARD), 1184.
 $C_8H_7O_2Br$ Phenylbromoacetic acid, action of water on (WARD), 1184.
 $C_8H_7O_3N$ 2- β -Methylenedioxybenzamide (PERKIN and TRIKOJUS), 2930.
 $C_8H_7O_2Cl$ Chloro-*m*-methoxybenzoic acids (GIBSON), 1428.
 $C_8H_7O_5N_3$ *N*-Methyl-2:4-dinitrobenzaldoxime (BRADY, DUNN, and GOLDSTEIN), 2393.
 $C_8H_7O_6N_3$ 3:5-Dinitro-*N*-acetyl-*o*-aminophenol (C. K. and E. H. INGOLD), 1321.
 C_8H_7NSE *p*-Tolyl selenocyanate (CHALLENGER, PETERS, and HALÉVY), 1654.
 $C_8H_8OCl_2$ 2:5-Dichloro-*m*-tolyl methyl ether (GIBSON), 1426.
 $C_8H_8O_3N_2$ 2:3-Methylenedioxybenzenylamino-oxime (PERKIN and TRIKOJUS), 2930.
o-Nitrobenzomethylamide (BRADY and DUNN), 2415.
 $C_8H_8O_3S$ *dl*-*m*-Carboxyphenyl methyl sulphoxide, resolution of, and its salts (HARRISON, KENYON, and PHILLIPS), 2088.
 $C_8H_8O_4N_2$ Nitroacetylaminophenols (HEWITT and KING), 822; (C. K. and E. H. INGOLD), 1322.
 $C_8H_8O_5N_2$ 2:4-Dinitro-3-methoxytoluene (GORNALL and ROBINSON), 1984.
 $C_8H_8O_6N_2$ 2:6-Dinitrocreosols, and their salts (GRAESSER-THOMAS, GULLAND, and ROBINSON), 1973.
 $C_8H_8O_6N_2$ 3:6-Dinitroveratrole (OXFORD), 2008.
 $C_8H_8N_2S$ 1-Aminomethylbenzthiazoles (HUNTER), 1398.
 1-Imino-2-methyl-1:2-dihydrobenzthiazole (HUNTER), 1393.
 1-Methylaminobenzthiazole (HUNTER), 1394.
 C_8H_9OCl Chloro-*m*-tolyl methyl ethers (GIBSON), 1425.
 $C_8H_9O_4N$ 2-Nitro-3-hydroxy-*p*-tolyl methyl ether (GULLAND and ROBINSON), 1980.
 $C_8H_{10}OS$ *S*-Methylthioguaiacol, nitration of (POLLARD and ROBINSON), 3090; (C. K. and E. H. INGOLD), 3093.
 $C_8H_{10}O_2S$ 2-Methoxyphenyl methyl sulphoxide (POLLARD and ROBINSON), 3091.
 $C_8H_{10}O_3N$ Nitro-*N*-methyl-*o*-anisidines (C. K. and E. H. INGOLD), 1325.
 $C_8H_{10}O_4N_2$ 2-Nitro-6-aminoisocresol (GULLAND and ROBINSON), 1979.
 $C_8H_{10}O_4S_2$ Benzene-*o*-dimethylsulphone (HURTLEY and SMILES), 1825.
 $C_8H_{11}ON$ *p*-Phenetidine, zincchloride of (BANFIELD and KENYON), 1625.
 $C_8H_{12}O_2N_2$ 3:6-Diaminoveratrole (OXFORD), 2008.
 Dimethoxyphenylhydrazines, and their hydrochlorides (PERKIN and RUBENSTEIN), 357.
 $C_8H_{12}O_4Br_2$ *aa'*-Dibromosuberlic acid (GOSS and INGOLD), 1473.
 $C_8H_{14}O_4N_4$ Butane-*aa\beta\gamma*-tetracarboxyamide (INGOLD and SHOPPEE), 1917.

8 IV

- $C_8H_6O_4NCl$ Chloronitro-3-methoxybenzaldehydes (HODGSON and BEARD), 2032.
 3-Chloro-5-nitrophenyl acetate (HODGSON and WIGNALL), 2077.
 $C_8H_6O_4NBr$ 3-Bromo-5-nitrophenyl acetate (HODGSON and WIGNALL), 2077.
 $C_8H_6O_4NI$ 3-Iodo-5-nitrophenyl acetate (HODGSON and WIGNALL), 2077.
 $C_8H_6O_4N_2Cl_2$ Dichloronitro-3-hydroxybenzaldehyde semicarbazones (HODGSON and BEARD), 2035.
 $C_8H_6O_6N_2Cl$ Chlorodinitro-3-hydroxybenzaldehyde semicarbazones (HODGSON and BEARD), 2035.
 C_8H_7ONS 2-Keto-1-methyl-1:2-dihydrobenzothiazole (McCLELLAND and GAIT), 923.

- C₈H₇O₄N₄Cl** Chloronitro-3-hydroxybenzaldehyde semicarbazones (HODGSON and BEARD), 2032.
- C₈H₇N₂BrS** Bromo-1-amino-3-methylbenzthiazole, and its hydrobromide (HUNTER), 1398.
5-Bromo-1-methylaminobenzthiazole (HUNTER and SOYKA), 2962.
- C₈H₇N₂Br₅S** 5-Bromo-1-methylaminobenzthiazole hexabromide (HUNTER and SOYKA), 2961.
- C₈H₈ONCl** 6-Chloro-2-nitro-*m*-tolyl methyl ether (GIBSON), 1427.
Methyl-*p*-chlorobenzaldoximes (BRADY, DUNN, and GOLDSTEIN), 2391.
- C₈H₈ON₃Cl** *p*-Acetylaminobenzenediazonium chloride (GRAY), 3178.
- C₈H₈OBr₂S** 3:5-Dibromo-*S*-methylthioguaiacol (HOLMES, C. K. and E. H. INGOLD), 1690.
- C₈H₈O₂NCl** Chloro-3-methoxybenzaldoximes (HODGSON and BEARD), 154.
- C₈H₈O₂N₃Cl** Chloro-*m*-hydroxybenzaldehyde semicarbazones (HODGSON and BEARD), 150.
- C₈H₈N₂Br₂S** 1-Imino-2-methyl-1:2-dihydrobenzthiazole dibromide (HUNTER), 1392.
Methylaminobenzthiazole dibromides (HUNTER), 1393, 1398, 2954.
- C₈H₈N₂Br₄S** Methylaminobenzthiazole tetrabromides (HUNTER), 1393, 1399.
- C₈H₉OCl₃Te** Methoxytolyltellurtrichlorides (MORGAN and KELLETT), 1086.
- C₈H₉O₂N₂I** 4-Iodo-2-nitrodimethylaniline (AITKEN and READE), 1897.
- C₈H₉O₂NS** Acetanilide-*m*-sulphinic acid (CHILD and SMILES), 2699.
2- and 4-Nitro-5-methoxythioanisoles (HODGSON and HANDLEY), 544.
Nitromethylthioguaiacols (HOLMES, C. K. and E. H. INGOLD), 1687.
- C₈H₉O₃N₂Cl** *N*-Methylnitrobenzaldoxime hydrochlorides (BRADY, DUNN, and GOLDSTEIN), 2394.
- C₈H₉O₄NS** 4-Nitro-2-methoxyphenylmethylsulphoxide (HOLMES, C. K. and E. H. INGOLD), 1689.
5-Nitro-2-methoxyphenyl methyl sulphoxide (POLLARD and ROBINSON), 3091;
(C. K. and E. H. INGOLD), 3093.
- C₈H₉O₅NS** Nitro-2-methoxyphenylmethylsulphones (HOLMES, C. K. and E. H. INGOLD), 1687.
- C₈H₉O₅N₃Cr** Acetylaminobenzenediazonium chromates (GRAY), 3180.
- C₈H₉N₂BrS** *s-p*-Bromophenylmethylthiocarbamide (HUNTER and SOYKA), 2961.
- C₈H₁₀ONCl** Chloro-3-methoxy-*o*-toluidines (GIBSON), 1426.
N-Methylbenzaldoxime hydrochloride (BRADY, DUNN, and GOLDSTEIN), 2394.
- C₈H₁₀O₃N₂S** Dimethoxydiazobenzenesulphonic acids, ammonium salts (PERKIN and RUBENSTEIN), 359.
- C₈H₁₁ONS** Anisidinemethyl thioethers, and their hydrochlorides (HODGSON and HANDLEY), 545.
- C₈H₁₁O₄NS₂** *o*-Ethylsulphonylbenzenesulphonamide (HURTLEY and SMILES), 1824.
- C₈H₁₂O₅N₂S** Dimethoxyphenylhydrazinosulphonic acids, ammonium salts (PERKIN and RUBENSTEIN), 359.
- C₈H₁₃ON₂Cl** δ -Methylanilinosemicarbazide hydrochloride (BAIRD and WILSON), 2373.
- C₈H₁₄O₂Ni** Ethyl nickel thioacetate (DRUMMOND and GIBSON), 3076.
Methyl nickel β -thiolpropionate (DRUMMOND and GIBSON), 3076.
- C₈H₁₈ON₈Cu₃** Aquobisethylenediamminocupric cuprocyanide (MORGAN and BURSTALL), 2023.
- C₈H₃₂O₈N₆Cu** Bismethanolbisethylenediamminocupric cyanate tetrahydrate (MORGAN and BURSTALL), 2027.

8 V

- $C_8H_7O_3NIAs$ 5-Iodo-3-acetylamino-4-hydroxyphenylarsenious oxide ($+1\frac{1}{2}H_2O$) (MACALLUM), 1647.
 $C_8H_7O_3NIS$ Acetanilide-*p*-sulphonyl iodide (CHILD and SMILES), 2701.
 $C_8H_7O_5NIAs$ 5-Iodo-3-acetylamino-4-hydroxyphenylarsinic acid (MACALLUM), 1646.

C₉ Group.

- C_9H_{10} Methylstyrenes (TITLEY), 517.

9 II

- $C_9H_6O_4$ 3:4-Methylenedioxyphthalide (PERKIN and TRIKOJUS), 2930.
 $C_9H_6O_6$ Normeconinecarboxylic acid (PERKIN and TRIKOJUS), 2927.
 C_9H_7N Quinoline, equilibrium of sulphur and (HAMMICK and HOLT), 1995.
 Quinolines, bromoaurates, and additive compounds with acetylene tetrabromide (FULFON), 198.
 $C_9H_{10}O$ Benzyl methyl ketone, condensation of, with salicylaldehyde (DICKINSON), 2234.
 $C_9H_{10}O_3$ *p*-Hydroxy- ω -methoxyacetophenone (ROBERTSON and ROBINSON), 1715.
 $C_9H_{13}O_4$ Methyl hydrogen Δ^2 -tetrahydroisophthalate (FARMER and RICHARDSON), 2175.
 Acid, from methylation of ethyl *cyclopentylidene* malonate (KON and SPEIGHT), 2732.
 $C_9H_{13}N$ β -Tolylethylamines, and their salts (TITLEY), 517.
 $C_9H_{14}O_4$ *cis-o*-Carboxycyclohexaneacetic acid, preparation of (KON and QUDRAT-I-KHUDA), 3071.
 Ethyl citraconate or itaconate, action of ethyl sodiomalonate on (INGOLD and SHOPPEE), 1912.
 1-Methyl 1'-hydrogen *cyclohexane*-1:1'-carboxylate (WIGHTMAN), 2543.
 $C_9H_{14}O_5$ α -Ketoazelaic acid (GOSS and INGOLD), 1477.
 $C_9H_{16}O_6$ $\alpha\alpha'$ -Dihydroxyazelaic acid, and its silver salt (GOSS and INGOLD), 1476.
 $\alpha\alpha'$ -Dimethoxyypimelic acids, and their silver salts (HASSELL and INGOLD), 1470.
 $C_9H_{19}O_6$ Trimethylglucose, new crystalline form of (HAWORTH and SEDGWICK), 2573.
 $C_9H_{19}O$ *iso*Phorone, reactions of (BAKER), 663.
 $C_9H_{24}N_4$ Triaminotripropylamine, salts of (MANN and POPE), 491.

9 III

- $C_9H_6O_2Br_2$ 6: ω -Dibromo-3:4-methylenedioxy styrene (HAWORTH, PERKIN, and STEVENS), 1766.
 $C_9H_6N_2Br_2$ 4:5-Dibromo-2-phenylglyoxaline, and its salts (FORSYTH, NIMKAR, and PYMAN), 806.
 $C_9H_7O_2Cl$ 2-Chloro-3-acetoxybenzaldehyde (HODGSON and BEARD), 150.
 $C_9H_7O_7N_3$ Allyl 2:4:6-trinitrophenyl ether (FAIRBOURNE and FOSTER), 3148.
 $C_9H_7N_2Br$ 4(5)-Bromo-2-phenylglyoxaline, and its salts (FORSYTH, NIMKAR, and PYMAN), 807.
 $C_9H_7O_5N_2$ Methyl-6-nitro-3:4-methylenedioxybenzaldoximes (BRADY, DUNN, and GOLDSTEIN), 2391.
 $C_9H_7O_2N_3$ 2-*m*-Nitrophenyl-4:5-dihydroglyoxaline, salts of (FORSYTH, NIMKAR, and PYMAN), 805.
 $C_9H_7O_3N$ 3:4-Methylenedioxybenzomethylamide (BRADY and DUNN), 2415.
 Methyl-3:4-methylenedioxybenzaldoximes (BRADY, DUNN, and GOLDSTEIN), 2389.

- C₉H₉O₅N** Ethyl 5-nitrosalicylate, crystallography of (CHATTAWAY and CURJEL), 3214.
5-Nitro-2-ethoxybenzoic acid (CHATTAWAY), 2724.
- C₉H₁₀O₄N₂** β -O-Methyl-3-nitro-*p*-methoxybenzaldoxime (BRADY, DUNN, and GOLDSTEIN), 2402.
Nitroaceto-*o*-anisidides (C. K. and E. H. INGOLD), 1317, 1319.
- C₉H₁₀O₆N₂** 4:5-Dinitro-2-ethoxyanisole (ALLAN and ROBINSON), 378.
2:6-Dinitrohomoveratrole (GRAESSER-THOMAS, GULLAND, and ROBINSON), 1976.
- C₉H₁₀N₂S** 1-Amino-3:5-dimethylbenzthiazole (HUNTER), 1400.
1-Ethylaminobenzthiazole (HUNTER), 2955.
1-Imino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 1394.
- C₉H₁₀N₂Se** Selenocyanodimethylaniline (CHALLENGER, PETERS, and HALÉVY), 1654.
- C₉H₁₀ClAs** *As*-Chlorotetrahydroarsinoline (ROBERTS, TURNER, and BURY), 1445.
- C₉H₁₁O₂N** *p*-Methoxybenzomethylamide (BRADY and DUNN), 2416.
Methylmethoxybenzaldoximes (BRADY, DUNN, and GOLDSTEIN), 2391.
- C₉H₁₁O₃N** Phenylserines, isomeric (FORSTER and RAO), 1943.
- C₉H₁₁O₃Br** 5-Bromo-2:3-dimethoxybenzyl alcohol (RUBENSTEIN), 650.
- C₉H₁₁O₂N** Nitro-4-ethoxyanisoles (ROBINSON and SMITH), 395.
- C₉H₁₁O₅N** 5-Nitro-2:3-dimethoxybenzyl alcohol (RUBENSTEIN), 649.
- C₉H₁₂OBr₄** Tetrabromo-3:3:5-trimethylcyclohexan-1-one (BAKER), 668.
- C₉H₁₂O₂N₂** *m*-Nitrobenzyl dimethylamine (GOSS, INGOLD, and WILSON), 2458.
cis-Phenylserine amide (FORSTER and RAO), 1948.
- C₉H₁₂O₃N₂** 4-Nitro-*NN*-dimethyl-*o*-anisidine (C. K. and E. H. INGOLD), 1326.
- C₉H₁₂O₄N** 5-Amino-2:3-dimethoxybenzoic acid (RUBENSTEIN), 652.
2-Nitro-6-aminohomoveratrole, and its hydrochloride (GULLAND and ROBINSON), 1979.
- C₉H₁₅O₃N** 1-Methyl 1'-carbamylcyclohexane-1-carboxylate (WIGHTMAN), 2544.
- C₉H₁₅O₃N₃** Ethyl cyclopentanone-3-carboxylate semicarbazone (INGOLD, SHOPPEE, and THORPE), 1486.
- C₉H₁₈OBr** Bromoisophorone (BAKER), 668.
- C₉H₁₈O₂N₂** $\alpha\alpha'$ -Dimethoxy pimelamides (HASSELL and INGOLD), 1470.
- C₉H₁₉O₂N** *n*-Butyl valine, and its salts (MORGAN), 83.

9 IV

- C₉H₅O₂N₃Br₂** 4:5-Dibromo-2-nitrophenylglyoxalines (FORSYTH, NIMKAR, and PYMAN), 806.
- C₉H₆ON₂S** Benziminazole-2-thioglycollo-1-lactam (STEPHEN and WILSON), 2536.
- C₉H₆O₂N₃Br** 4(5)-Bromo-2-*p*-nitrophenylglyoxaline (FORSYTH, NIMKAR, and PYMAN), 807.
- C₉H₇O₃N₂Cl₃** 2:6-Dichloro-4-nitrochloroaceto-*m*-toluidide (DAVIES and LEEFER), 1417.
- C₉H₇O₅NS** Phthalimidomethanesulphonic acid, and its barium salt (BALABAN), 573.
- C₉H₇O₇N₃Br₂** Dibromo-derivative of allyl 2:4:6-trinitrophenyl ether (FAIRBOURNE and FOSTER), 3148.
- C₉H₈ON₂S** 1-Imino-2-acetyl-1:2-dihydrobenzthiazole (HUNTER), 1395.
- C₉H₈O₃NBr** 3-Bromo-2-acetylaminobenzoic acid (BURTON, HAMMOND, and KENNER), 1803.
- C₉H₈O₄NBr** Ethyl 3-bromonitrobenzoate (BURTON, HAMMOND, and KENNER), 1804.
- C₉H₈O₅N₂Cl** *N*-Methyl-6-nitro-3:4-methylenedioxybenzaldoxime hydrochloride (BRADY, DUNN, and GOLDSTEIN), 2394.

- $C_9H_9N_2BrS$ 5-Bromo-1-ethylaminobenzthiazole (HUNTER and SOYKA), 2962.
 $C_9H_9N_2Br_2S$ 5-Bromo-1-ethylaminobenzthiazole dibromide and 5-Bromo-1-ethyl-
 imino-1:2-dihydrobenzthiazole dibromide (HUNTER and SOYKA), 2962.
 $C_9H_{10}ONBr$ Acetyl-3-bromo-*o*-toluidine (BURTON, HAMMOND, and KENNER),
 1803.
 $C_9H_{10}ONI$ 1-Methylbenzoxazole methiodide (CLARK), 234.
 $C_9H_{10}O_3NCl$ *N*-Methyl-3:4-methylenedioxybenzaldoxime hydrochloride (BRADY,
 DUNN, and GOLDSTEIN), 2394.
 $C_9H_{10}O_4NBr$ 6-Bromo-2-nitrohomoveratrole (GULLAND and ROBINSON), 1979.
 $C_9H_{10}O_5NCl$ 1-Methylbenzoxazole methoperchlorate (CLARK), 234.
 $C_9H_{10}N_2Br_2S$ 1-Ethylaminobenzthiazole dibromide (HUNTER), 2955.
 $C_9H_{10}N_2Br_4S$ 1-Amino-3-5-dimethylbenzthiazole tetrabromide (HUNTER), 1399.
 1-Imino-2-ethyl-1:2-dihydrobenzthiazole tetrabromide (HUNTER), 1394.
 $C_9H_{11}ONS$ 2-Acetylaminotolyl 5-mercaptan (CHILD and SMILES), 2700.
 $C_9H_{11}O_3NS$ *p*-Acetylaminophenylmethylsulphone (CHILD and SMILES), 2699.
 2-Acetylaminotoluene-5-sulphinic acid (CHILD and SMILES), 2700.
 $C_9H_{11}O_4S_2As$ *p*-Xanthylphenylarsinic acid (HEWITT, KING, and MURCH), 1369.
 $C_9H_{11}N_2BrS$ *s-p*-Bromophenylethylthiocarbamide (HUNTER and SOYKA), 2962.
 $C_9H_{13}O_2NCl$ *N*-Methylmethoxybenzaldoxime hydrochlorides (BRADY, DUNN, and
 GOLDSTEIN), 2394.
 $C_9H_{13}O_2NI$ *N*-Methylmethoxybenzaldoxime hydriodides (BRADY, DUNN, and
 GOLDSTEIN), 2396.
 $C_9H_{13}O_7N_2S$ *N*-Methylnitrobenzaldoxime methosulphates (BRADY, DUNN, and
 GOLDSTEIN), 2394.
 $C_9H_{15}O_5NS$ *N*-Methylbenzaldoxime methosulphate (BRADY, DUNN, and GOLD-
 STEIN), 2395.
 $C_9H_{13}NClBr$ *p*-Bromophenyltrimethylammonium chloride (READE), 2531.

9 V

- $C_9H_9ON_2BrS$ 5-Bromo-1-acetylaminobenzthiazole (HUNTER), 1398.
 5-Bromo-1-imino-2-acetyl-1:2-dihydrobenzthiazole (HUNTER), 1398.
 $C_9H_9ON_2Br_2S$ 1-Imino-2-acetyl-1:2-dihydrobenzthiazole dibromide (HUNTER),
 1394.
 $C_9H_9ON_2Br_4S$ 1-Acetylaminobenzthiazole tetrabromide (HUNTER), 1395.
 $C_9H_9ON_2Br_6S$ 1-Acetylaminobenzthiazole hexabromide (HUNTER), 1397.
 $C_9H_{10}ON_2Br_3S$ 1-Imino-2-acetyl-1:2-dihydrobenzthiazole dibromide hydrobromide
 (HUNTER), 1395.
 $C_9H_{10}O_3NClS$ 2-Acetylaminotoluene-5-sulphonyl chloride (CHILD and SMILES),
 2700.
 $C_9H_{10}O_6NCl$ 5-Nitrohomoveratrole-6-sulphonyl chloride (GULLAND and ROBIN-
 SON), 1977.
 $C_9H_{11}O_6NIAs$ 5-Iodo-3-carbethoxyamino-4-hydroxyphenylarsinic acid (MACAL-
 LUM), 1646.

C₁₀ Group.

- $C_{10}H_{12}$ α -Ethylstyrene (JOHNSON and KON), 2755.
 $C_{10}H_{14}$ *d-sec.*-Butylbenzene, preparation and rotation of (HARRISON, KENYON, and
 SHEPHERD), 658.

10 II

- $C_{10}H_6O_5$ 3:4-Methylenedioxyhomophthalic anhydride (HAWORTH, PERKIN, and
 STEVENS), 1769.
 $C_{10}H_8O_4$ 2:3-Methylenedioxcinnamic acid (PERKIN and TRIKOJUS), 2932.

- $C_{10}H_8O_6$ 3-Hydroxy-4-methoxyphthalidecarboxylic acid (PERKIN and TRIKOJUS), 2928.
3:4-Methylenedioxyhomophthalic acid (HAWORTH, PERKIN, and STEVENS), 1769.
Methyl normeconinecarboxylate (PERKIN and TRIKOJUS), 2928.
- $C_{10}H_9N$ Quinaldine, condensation of, with *m*-nitrobenzaldehyde (TAYLOR and WOODHOUSE), 2971.
- $C_{10}H_{10}O_2$ β -Phenyl- Δ^{β} -butenoic acid (JOHNSON and KON), 2752.
Styrylacetic acid, and its potassium salt (LINSTED and WILLIAMS), 2741.
- $C_{10}H_{10}O_4$ ω -Acetoxy-4-hydroxyacetophenone (NOLAN, PRATT, and ROBINSON), 1969.
Ethyl *o*-piperonylate (PERKIN and TRIKOJUS), 2929.
- $C_{10}H_{11}N$ 1:2-Dihydroquinaldine, synthesis of (MASON), 955.
- $C_{10}H_{12}O_3$ Acetyl*socro*sol (GRAESSER-THOMAS, GULLAND, and ROBINSON), 1973.
p-*iso*Propoxybenzoic acid (BRADLEY and ROBINSON), 2361.
- $C_{10}H_{12}O_4$ Ethyl *p*-methoxyphenyl carbonate (ROBINSON and SMITH), 394.
- $C_{10}H_{12}O_{10}$ Dicarbomethoxyarabinose carbonate (HAWORTH and MAW), 1752.
- $C_{10}H_{13}N$ 1-Methyl- $\Delta^{1:3}$ -cyclohexadienyl-3-propionitrile (FARMER and ROSS), 1576.
- $C_{10}H_{14}O_2$ 1:3-Diketodecahydronaphthalene (KON and QUDRAT-I-KHUDA), 3071.
*cyclo*Hexanespirocyclopentane-2:4-dione (ROTHSTEIN and THORPE), 2016.
- $C_{10}H_{14}O_4$ Ethyl hydrogen Δ^2 -tetrahydro*sophthalate* (FARMER and RICHARDSON), 2174.
Ethyl mesityloxido-oxalate, absorption spectra of (MORTON and ROGERS), 713.
Methyl tetrahydro*sophthalates* (FARMER and RICHARDSON), 2176.
Acid, from methylation of ethyl Δ^1 -*cyclo*hexenylmalonate (KON and SPEIGHT), 2734.
- $C_{10}H_{14}O_8$ $\beta\delta$ -Dicarboxysuberic acid (INGOLD and SHOPPEE), 1917.
- $C_{10}H_{14}N_2$ Benzenyltrimethylamidine, nitrate of (FORSYTH, NIMKAR, and PYMAN), 803.
Nicotine, bromoaurate and additive compound with acetylene tetrabromide (FULTON), 198.
- $C_{10}H_{15}N$ β -Tolyethylmethylamines, and their salts (TILEY), 517.
- $C_{10}H_{15}O$ Carone, catalytic hydrogenation of (IYER and SIMONSEN), 2049.
Piperitone, condensation of, with aldehydes (EARL and READ), 2072.
Sabinol, oxidation of, with hydrogen peroxide (HENDERSON and ROBERTSON), 2761.
- $C_{10}H_{16}O_3$ 1-Acetyl*cyclo*hexane-1-acetic acid (ROTHSTEIN and THORPE), 2016.
Acid, from hydrolysis of substance $C_{12}H_{19}O_3N$ (KON and NUTLAND), 3108.
- $C_{10}H_{16}O_4$ Dimethyl *cyclo*hexane-1:1-dicarboxylate (WIGHTMAN), 2543.
- $C_{10}H_{16}N$ Benzyltrimethylamine, nitrate of (ING and ROBINSON), 1666.
- $C_{10}H_{16}N_8$ 3:3'-Di-*n*-propyl-5:5'-azo-1:2:4-triazole (REILLY and DRUMM), 1733.
- $C_{10}H_{18}O_4$ Tetramethyladipic acids, electrolytic synthesis of (FARMER and KRACOVSKI), 2318.
- $C_{10}H_{18}O_6$ $\alpha\alpha'$ -Dimethoxysuberic acid (GOSS and INGOLD), 1475.
- $C_{10}H_{20}O$ $\gamma\eta$ -Dimethyloctan- ϵ -one (JONES), 2769.
- $C_{10}H_{20}O_6$ Tetramethyl γ -fructose, oxidation of (McOWAN), 1743.
Tetramethylglucose, mutarotation of (JONES and LOWRY), 720; (FAULKNER and LOWRY), 1940; oxidation of (HIRST), 351.
- $C_{10}H_{21}N$ *dl*-Menthylamines, salts of (READ, COOK, and SHANNON), 2226.

10 III

- $C_{10}H_6O_2Cl_6$ Anhydro-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene (CHATTAWAY), 2726.

- $C_{10}H_6O_3N_2$ 8-Nitroquinoline-2-aldehyde (HAMMICK), 1304.
 $C_{10}H_7ON$ Quinoline-2-aldehyde (HAMMICK), 1303.
 $C_{10}H_7O_2N$ *o*-Cyanoallocinnamic acid, preparation of (EDWARDS), 815.
 $C_{10}H_7O_3Br$ 4-Bromo-6:7-methylenedioxy-1-hydrindone (HAWORTH, PERKIN, and STEVENS), 1767.
 $C_{10}H_7O_4Br$ 6-Bromo-3:4-methylenedioxy-cinnamic acid (HAWORTH, PERKIN, and STEVENS), 1766.
 $C_{10}H_7O_4Br$ 4-Bromo-6:7-methylenedioxyhomophthalic acid (HAWORTH, PERKIN, and STEVENS), 1768.
 $C_{10}H_7NBr_2$ ω -Dibromoquinaldine (HAMMICK), 1302.
 $C_{10}H_8O_3N_2$ 1-Phenylbarbituric acid (MACBETH, NUNAN, and TRAILL), 1252.
 $C_{10}H_8O_4S$ α - and β -Naphthylsulphuric acids, potassium salts (BURKHARIT and LAPWORTH), 689.
 $C_{10}H_8NBr$ ω -Bromoquinaldine (HAMMICK), 1303.
 $C_{10}H_9ON$ ω -Hydroxyquinaldine (HAMMICK), 1303.
 $C_{10}H_9OCl$ Styrylacetyl chloride (LINSTEAD and WILLIAMS), 2741.
 $C_{10}H_9O_2N$ β -*o*-Cyanophenylpropionic acid (EDWARDS), 816.
 $C_{10}H_9O_2N$ *o*-Carboxycinnamonitrile (EDWARDS), 817.
 Phthalideacetamide (EDWARDS), 816.
 $C_{10}H_9O_3N$ Piperonylpyruvic acid oxime (EDWARDS), 744.
 $C_{10}H_{10}OS_2$ 2-Acetyl-2-methyl-1:3-benzdithiole (HURTLEY and SMILES), 2267.
 $C_{10}H_{10}O_4N_2$ Aceto-*p*-nitrobenzomethylamide (BRADY and DUNN), 2415.
 $C_{10}H_{10}O_5N_2$ *ON*-Diacyl derivatives of nitroaminophenols (HEWITT and KING), 823.
 Nitro-*ON*-diacyl-*o*-aminophenols (C. K. and E. H. INGOLD), 1321.
 $C_{10}H_{10}O_6N_2$ 2-Nitro-4-acetylamino-3-methoxybenzoic acid (ROBINSON and SHINODA), 1992.
 $C_{10}H_{10}O_7N_2$ 2:6-Dinitroacetyl*isocro*sol (GRAESSER-THOMAS, GULLAND, and ROBINSON), 1974.
 $C_{10}H_{11}ON$ *N*-Methylcinnamaloxime (BRADY, DUNN, and GOLDSTEIN), 2393.
 $C_{10}H_{11}O_2N$ 1-Methyl- Δ^1 -cyclohexenylidene-3-cyanoacetic acid, and its salts (FARMER and ROSS), 1575, 3237.
 $C_{10}H_{11}O_2Cl$ Ethyl ω -chloro-*m*-toluate (MORGAN and PORTER), 1258.
 $C_{10}H_{11}O_4N$ β -*o*-Nitro- β -phenyl- α -methylhydracrylaldehyde (WILLIMOTT and SIMPSON), 2808.
 $C_{10}H_{11}O_5N$ 5-Nitro-3-acetoxy-*p*-tolyl methyl ether (GULLAND and ROBINSON), 1978.
 $C_{10}H_{11}O_6N$ Ethyl 3-nitro-4-methoxyphenyl carbonate (ROBINSON and SMITH), 394.
 5-Nitro-2-ethoxyphenylglycollic acid, and its silver salt (CHATTAWAY), 2724.
 $C_{10}H_{12}O_2S$ α -*p*-Tolylthiolpropionic acid (BROOKER and SMILES), 1726.
 $C_{10}H_{11}O_4N$ 5-Nitro-2-ethoxybenzaldehyde semicarbazone, crystallography of (CHATTAWAY and CURJEL), 3214.
 $C_{10}H_{12}O_5N_2$ Aceto-2-nitro-3-methoxy-*p*-toluidide (ROBINSON and SHINODA), 1992.
 Nitro-*N*-methylaceto-*o*-anisidides (C. K. and E. H. INGOLD), 1324.
 $C_{10}H_{12}O_4N_4$ 5-Nitro-2-ethoxybenzaldehyde semicarbazone (CHATTAWAY), 2725.
 $C_{10}H_{12}O_5N_2$ 2-Nitro-6-acetylamino*isocro*sol (GULLAND and ROBINSON), 1979.
 $C_{10}H_{12}O_6N_2$ Dinitro-2-propoxyanisoles (ALLAN and ROBINSON), 380.
 $C_{10}H_{12}N_2S$ 1-*n*-Propylaminobenzthiazole (HUNTER), 2955.
 $C_{10}H_{12}O_2N$ *N*-Methylaceto-*o*-anisidide (C. K. and E. H. INGOLD), 1323.
 $C_{10}H_{13}O_2N_3$ *m*-Nitrobenzenyltrimethylamidine, hydriodide of (FORSYTH, NIMKAR, and PYMAN), 804.

- C₁₀H₁₃O₂Br** *cyclo*Hexanespiro-3-bromo- Δ^2 -*cyclopenten*-2-ol-4-one (ROTHSTEIN and THORPE), 2017.
- C₁₀H₁₃O₃N** *N*-Methyl-3:4-dimethoxybenzaloxime (BRADY, DUNN, and GOLDSTEIN), 2391.
- 4-Oximino-5-*cyclohexanespirocyclopenten*-3-ol-1-one (HASSELL and INGOLD), 1839.
- cis*-Phenyl-*O*-methylserine (FORSTER and RAO), 1948.
- Propane-1:3II:2,4,6-keto-4-methyl-3:4:5:6-tetrahydropyridine-5-carboxylic acid (FARMER and ROSS), 3238.
- C₁₀H₁₃O₃Br** 5-Bromo-3-methoxy-2-ethoxybenzyl alcohol (RUBENSTEIN), 651.
- C₁₀H₁₃O₄N** 4-Nitro-5-*cyclohexanespiro*-0:1:2-*bicyclopentene*-1:3-diol (HASSELL and INGOLD), 1839.
- Nitro-2-propoxyanisoles (ALLAN and ROBINSON), 380.
- Nitro-4-propoxyanisoles (ROBINSON and SMITH), 398.
- C₁₀H₁₃O₅N** 5-Nitro-3-methoxy-2-ethoxybenzyl alcohol (RUBENSTEIN), 650.
- C₁₀H₁₃N₃S** Acetone δ -phenylthiosemicarbazone (STEPHEN and WILSON), 2534.
- C₁₀H₁₄O₃N** 1:4-Dioximino-5-*cyclohexanespirocyclopenten*-3-ol (HASSELL and INGOLD), 1839.
- C₁₀H₁₅O₂N** *iso*Nitrosocamphor, unstable form of (FORSTER and RAO), 2670.
- C₁₀H₁₅O₂N₂** Nitrobenzyltrimethylamines, salts of (ING and ROBINSON), 1667.
- C₁₀H₁₅O₂N₅** 3-Propyl-1:2:4-triazole-5-azoacetylacetones (REILLY and DRUMM), 1736.
- C₁₀H₁₅O₄N** β -Methylpimelic- β -acetic acid (FARMER and ROSS), 3239.
- C₁₀H₁₆N₁₀Cu₅** Bisethylenediamminocupric dicuprocyanide (MORGAN and BURSTALL), 2024.
- C₁₀H₁₆IAs** Benzylidimethylarsine methiodide (ROBERTS, TURNER, and BURY), 1445.
- C₁₀H₁₉O₂Cl** β -Octyl chloroacetate (RULE and MITCHELL), 3207.
- C₁₀H₁₉O₂Br** β -Octyl bromoacetate (RULE and MITCHELL), 3207.
- C₁₀H₁₉O₂I** β -Octyl iodoacetate (RULE and MITCHELL), 3207.
- C₁₀H₁₉O₃N₃** δ -Acetylheptoic acid semicarbazone (KON and NUTLAND), 3108.
- C₁₀H₂₁O₂N** *n*- and *iso*-Butyl leucines, and their salts (MORGAN), 83.

10 IV

- C₁₀H₅O₂N₂Br₂** ω -Dibromo-8-nitroquinaldine (HAMMICK), 1304.
- C₁₀H₅O₂N₂Br₃** ω -Tribromonitroquinaldines (HAMMICK), 1303, 1304.
- C₁₀H₅O₂NCl₆** Anhydro-5-nitro-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene (CHATTAWAY), 2722.
- C₁₀H₆O₂NCl** 1-Chloro-2-nitronaphthalene (HODGSON and KILNER), 9.
- C₁₀H₆O₂NBr** 1-Bromo-2-nitronaphthalene (HODGSON and KILNER), 9.
- C₁₀H₆O₂NI** 1-Iodo-2-nitronaphthalene (HODGSON and KILNER), 9.
- C₁₀H₆O₃NI** 5-Iodo-1-acetylisatin (AESCHLIMANN), 2910.
- C₁₀H₆O₃N₂Br₂** 3:3-Dibromo-1-phenylbarbituric acid (MACBETH, NUNAN, and TRAILL), 1253.
- C₁₀H₆O₄NBr** 4-Bromo-6:7-methylenedioxy-2-*isonitroso*-1-hydrindone (HAWORTH, PERRIN, and STEVENS), 1768.
- C₁₀H₇O₂NCl₆** Anhydro-5-amino-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene (CHATTAWAY), 2725.
- C₁₀H₇O₃N₂Br** 5-Bromo-1-phenylbarbituric acid (MACBETH, NUNAN, and TRAILL), 1253.
- C₁₀H₈O₂NBr** β -6-Bromopiperonylpropionitrile (BAKER), 1075.
- C₁₀H₈O₂N₂S** Benzylidene-3-amino-2:4-diketotetrahydrothiazole (STEPHEN and WILSON), 2538.

- $C_{10}H_8O_2NBr$ Bromo-2-keto-1:2:3:4-tetrahydroquinoline-4-carboxylic acid (AESCHLIMANN), 2911.
- $C_{10}H_8O_2NI$ Iodo-2-keto-1:2:3:4-tetrahydroquinoline-4-carboxylic acid (AESCHLIMANN), 2911.
- $C_{10}H_8O_6N_2Cl_2$ Glycerol α -dichlorohydrin 3:5-dinitrobenzoate (FAIRBOURNE and FOSTER), 3151.
- $C_{10}H_8O_4N_2Br_2$ Dibromo-derivative of allyl 3:5-dinitrobenzoate (FAIRBOURNE and FOSTER), 3147.
- $C_{10}H_8N_2Br_6S_2$ 2:6-Dimethylbenzothiazole hexabromide (HUNTER), 535.
- $C_{10}H_8O_4NBr_2$ Glycerol α -dibromohydrin *p*-nitrobenzoate (FAIRBOURNE and FOSTER), 3151.
- Dibromo-derivative of allyl *p*-nitrobenzoate (FAIRBOURNE and FOSTER), 3147.
- $C_{10}H_{10}O_2N_2S$ Methyl benzimidazole-2-thioglycollate (STEPHEN and WILSON), 2536.
- $C_{10}H_{10}O_3NBr$ β -6-Bromopiperonylpropionamide (BAKER), 1075.
- $C_{10}H_{11}O_3NS$ *N*-*n*-Propyl-*o*-benzoisulphinide (MCCLELLAND and GAIT), 924.
- $C_{10}H_{11}O_3N_4Br$ 3-Bromo-1-phenylbarbituric acid hydrazide (MACBETH, NUNAN, and TRAILL), 1253.
- $C_{10}H_{11}N_3BrS$ 5-Bromo-1-*n*-propylaminobenzthiazole (HUNTER and SOYKA), 2962.
- $C_{10}H_{11}N_3Br_2S$ 5-Bromo-1-*n*-propylaminobenzthiazole dibromide (HUNTER and SOYKA), 2962.
- $C_{10}H_{12}ONCl$ Phenylpropylcarbonyl chlorides (PRICE), 3230.
- o*-Tolylolethylcarbonyl chloride (PRICE), 3231.
- $C_{10}H_{12}ONI$ *N*-Methylcinnamaloxime hydriodide (BRADY, DUNN, and GOLDSTEIN), 2397.
- $C_{10}H_{12}O_2NCl$ Acetyl derivatives of chloro-3-methoxy-*o*-toluidines (GIBSON), 1426.
- $C_{10}H_{12}N_2Br_2S$ 1-*n*-Propylaminobenzthiazole dibromide (HUNTER), 2955.
- $C_{10}H_{12}N_2Br_4S$ 1-*n*-Propylaminobenzthiazole tetrabromide (HUNTER), 2955.
- $C_{10}H_{12}ONS$ 2-Acetylamino-5-tolyl methyl sulphide (CHILD and SMILES), 2700.
- $C_{10}H_{13}O_3NBr_3$ Bromopropane-1:3:II²:4-6-keto-4-methyl-3:4:5:6-tetrahydropyridine-5-carboxylic acid (FARMER and ROSS), 3238.
- $C_{10}H_{13}O_7NS$ *N*-Methyl-3:4-methylenedioxybenzaloxime (BRADY, DUNN, and GOLDSTEIN), 2395.
- $C_{10}H_{13}N_2BrS$ *s-p*-Bromophenyl-*n*-propylthiocarbamide (HUNTER and SOYKA), 2962.
- $C_{10}H_{14}ONI$ *p*-Dimethylaminobenzaldehyde methiodide (FAIRBOURNE and WOODLEY), 3241.
- $C_{10}H_{15}O_3N_4Cl$ δ -Carbethoxyanilinosemicarbazide hydrochloride (BAIRD and WILSON), 2375.
- $C_{10}H_{15}O_6NS$ *N*-Methyl-*p*-methoxybenzaloxime methosulphate (BRADY, DUNN, and GOLDSTEIN), 2395.
- $C_{10}H_{18}ON_{10}Cu_4$ Aquobisethylenediamminodicupric cuprocyanide (MORGAN and BURSTALL), 2024.
- $C_{10}H_{24}N_{10}S_4Cu$ Bis(triaminopropanethiocyanate)cupric thiocyanate (MANN), 2686.

10 V

- $C_{10}H_{15}OBrScd$ Thiolcamphor cadmibromide (DRUMMOND and GIBSON), 3076.
- $C_{10}H_{17}O_5NSAg_2$ Silver thiolcamphor argentinitrate (DRUMMOND and GIBSON), 3075.

C₁₁ Group.

- $C_{11}H_{20}$ *cycloHexanespirocyclohexane* (NORRIS), 252.

11 II

- C₁₁H₉O₃** 1-Methyl-2-quinolone-4-carboxylic acid (AESCHLIMANN), 2908.
C₁₁H₉N 4-Phenylpyridine, and its nitrates (FORSYTH and PYMAN), 2923.
C₁₁H₁₀N₃ Aminophenylpyridines, and their salts (FORSYTH and PYMAN), 2917.
C₁₁H₁₁N₃ *p*-Hydrazinophenylpyridines (FORSYTH and PYMAN), 2917.
C₁₁H₁₂O δ -Phenyl- $\Delta\gamma$ -penten- β -one (JOHNSON and KON), 2757.
C₁₁H₁₂O₂ Methyl β -phenyl- $\Delta\beta$ -butenoate (JOHNSON and KON), 2752.
 β -Phenylvalerolactone (JOHNSON and KON), 2755.
C₁₁H₁₂O₃ *m*-Carboxybenzylacetone (MORGAN and PORTER), 2161.
 Ethyl formylphenylacetate, absorption spectra of (MORTON and ROGERS), 713.
 Methoxyhydroxystyryl methyl ketones (MCGOOKIN and SINCLAIR), 1579.
C₁₁H₁₂O₅ ω -Acetoxy-3-methoxy-4-hydroxyacetophenone (NOLAN, PRATT, and ROBINSON), 1970.
C₁₁H₁₅O₆ *p*-Ethylcarbonato-*m*-methoxybenzoic acid (HEAP and ROBINSON), 2343.
C₁₁H₁₄O₂ *p*-isoPropoxyacetophenone (BRADLEY and ROBINSON), 2362.
C₁₁H₁₄O₃ 3-Methoxy-5-cyclohexanespirocyclopentene-1:4-dione (HASSELL and INGOLD), 1840.
C₁₁H₁₄O₇ 4-Carboxy-2-ketocyclopentylmethylsuccinic acids (INGOLD and SHOPPEE), 1916.
C₁₁H₁₄Cl₂ *cyclo*Hexanespiro-3:5-dichloro- $\Delta^{2:4}$ -*cyclo*hexadiene (NORRIS), 253.
C₁₁H₁₆O₃ 2:3-Diethoxybenzyl alcohol (RUBENSTEIN), 650.
C₁₁H₁₇N Diethylbenzylamine, nitration of (FLÜRSCHHEIM and HOLMES), 1567.
C₁₁H₁₈O *cyclo*Hexanespirocyclohexan-3-one (NORRIS), 249.
C₁₁H₁₈O₃ *cyclo*Hexane-1-acetone-1-acetic acid (NORRIS), 248.
 Acid, from camphorophorone and ethyl sodiocyanoacetate (KON and NUTLAND), 3109.
C₁₁H₁₈O₄ *cyclo*Hexane-1-acetic-1-propionic acid (NORRIS), 250.
C₁₁H₁₈O₅ Ethyl *cyclopentanol*-1:2-dicarboxylate (HASSELL and INGOLD), 1469.
C₁₁H₁₈Br Bromo*cyclo*hexanespirocyclohexan-3-ol (NORRIS), 251.
C₁₁H₂₀O *cyclo*Hexanespirocyclohexan-3-ol (NORRIS), 250.
C₁₁H₂₀O₅ Ethyl *cyclopentanonedicarboxylate* (INGOLD, SHOPPEE, and THORPE), 1486.
C₁₁H₂₀O₆ $\alpha\alpha'$ -Dimethoxyazelaic acid, and its silver salt (GOSS and INGOLD), 1476.
C₁₁H₂₂O₃ β -Octyl methoxyacetate (RULE and MITCHELL), 3207.

11 III

- C₁₁H₇O₂N** Nitronaphthoic acids (HARRISON and ROYLE), 89.
C₁₁H₈O₂N₂ Nitrophenylpyridines, and their salts (FORSYTH and PYMAN), 2916.
C₁₁H₈N₂S 2-Aminonaphthathiazoles (HUNTER), 1400.
C₁₁H₉O₂N Aminonaphthoic acids, and their salts (HARRISON and ROYLE), 87.
 6:7-Methylenedioxy-3-methylquinoline, and its salts (WILLIMOTT and SIMPSON), 2809.
C₁₁H₉O₄Br Methyl 6-bromo-3:4-methylenedioxy-cinnamate (HAWORTH, PERKIN, and STEVENS), 1766.
C₁₁H₁₁ON 6-Methoxy-3-methylquinoline, and its salts (WILLIMOTT and SIMPSON), 2810.
C₁₁H₁₁O₃N 2-Keto-1-methyl-1:2:3:4-tetrahydroquinoline-4-carboxylic acid (AESCHLIMANN), 2908.
 Methyl 2-keto-1:2:3:4-tetrahydroquinoline-4-carboxylate (AESCHLIMANN), 2907.
C₁₁H₁₁O₃Br 2-Bromo-5:6-dimethoxy-1-hydrindone (PERKIN, RÂY, and ROBINSON), 948.

- C₁₁H₁₁O₄N** 6-Nitro-3-methoxy- α -methylcinnamaldehyde (WILLIMOTT and SIMPSON), 2810.
- C₁₁H₁₁O₄Br** Methyl β -6-bromopiperonylpropionate (HAWORTH, PERKIN, and STEVENS), 1766.
- C₁₁H₁₁O₆N** Nitro-2:3-dimethoxycinnamic acids (RUBENSTEIN), 651.
- C₁₁H₁₂ON₂** α -Cyano- γ -phenylbutyramide (LINSTAD and WILLIAMS), 2747.
- C₁₁H₁₂OS₂** 2-Acetyl-2-methyl-1:3-benzdithiole (HURTLEY and SMILES), 2267.
- C₁₁H₁₃O₂N** Methyl 1-methyl- $\Delta^{1:3}$ -cyclohexadienyl-3-cyanoacetate (FARMER and ROSS), 1575.
- Methyl 1-methyl- Δ^1 -cyclohexenylidene-3-cyanoacetate (FARMER and ROSS), 1574.
- C₁₁H₁₃O₂I** Iodo-4-hydroxymethylisopropylbenzaldehydes (HENRY and SHARP), 2439.
- C₁₁H₁₃O₃N** Aceto-*p*-methoxybenzomethylamide (BRADY and DUNN), 2416.
- ON*-Diacetyl-*N*-methyl-*o*-aminophenol (C. K. and E. H. INGOLD), 1327.
- C₁₁H₁₃O₄N** β -Hydroxy-*p*-(2-carboxydimethoxyphenyl)ethylamine lactones, and their salts (EDWARDS), 745.
- C₁₁H₁₄O₅N** β -Hydroxy- β -(2-carboxydimethoxyphenyl)ethylamines (EDWARDS), 745.
- C₁₁H₁₄O₆N₂** 4:5-Dinitro-2-*m*-butoxyanisole (ALLAN and ROBINSON), 382.
- C₁₁H₁₄N₂S** 1-Butylaminobenzthiazoles (HUNTER), 2956.
- C₁₁H₁₅ON₃** *iso*Butyrophenone semicarbazone (JOHNSON and KON), 2757.
- C₁₁H₁₅OCl** *cyclo*Hexanespiro-5-chloro- Δ^4 -cyclohexenyl-3-one (NORRIS), 248.
- C₁₁H₁₅O₃N** 3-Methoxy-4-oximino-5-*cyclo*hexanespirocyclopentene-1:4-dione (HASSELL and INGOLD), 1840.
- Methyl 1-methylcyclohexan-3-one-1-cyanoacetate (FARMER and ROSS), 3237.
- C₁₁H₁₅O₃Br** 5-Bromo-2:3-diethoxybenzyl alcohol (RUBENSTEIN), 651.
- C₁₁H₁₅O₄N** Nitro-2-butoxyanisoles (ALLAN and ROBINSON), 381.
- C₁₁H₁₅O₅N** 5-Nitro-2:3-diethoxybenzyl alcohol (RUBENSTEIN), 650.
- C₁₁H₁₆ON₄** Acetone δ -methylanilinosemicarbazone (BAIRD and WILSON), 2373.
- Acetone δ -*p*-toluidinosemicarbazone (BAIRD and WILSON), 2374.
- C₁₁H₁₆N₂S** *s*-Phenyl-*n*-butylthiocarbamide (HUNTER), 2955.
- C₁₁H₁₇ON₃** 2-*cyclo*Pentylidenecyclopentanone semicarbazone (KON and NUTLAND), 3106.
- C₁₁H₁₇O₃N₅** Ethyl 3-propyl-1:2:4-triazole-5-azoacetates (REILLY and DRUMM), 1737.
- C₁₁H₁₈IAs** Benzyl dimethylarsine ethiodide (ROBERTS, TURNER, and BURY), 1445.
- C₁₁H₁₉ON** Decahydro- β -naphthamides (KAY and STUART), 3038.
- cyclo*Hexanespirocyclohexan-3-one oxime (NORRIS), 249.
- C₁₁H₁₉ON₃** 2-Ethyl-2-*isopropenylcyclo*pentanone semicarbazone (KON and NUTLAND), 3108.
- Hexahydrobenzylideneacetone semicarbazone (KON and SMITH), 1799.
- α - Δ^1 -*cyclo*Hexenylmethyl ethyl ketone semicarbazone (KON and SMITH), 1797.
- α -*cyclo*Hexylidenebutan- γ -one semicarbazone (KON and SMITH), 1800.
- α -Methyl- Δ^1 -*cyclo*hexenylacetone semicarbazone (KON and SMITH), 1796.
- C₁₁H₁₉O₃N₃** 1-Acetylcyclohexane-1-acetic acid semicarbazone (ROTHSTEIN and THORPE), 2016.
- C₁₁H₂₁O₂N₃** α -Hydroxy- α -*cyclo*hexylbutan- γ -one, and its semicarbazone (KON and SMITH), 1798.
- C₁₁H₂₁O₂N₃** Acetylmethylheptic acid semicarbazones (KON and NUTLAND), 3109.
- C₁₁H₂₂O₄N₂** $\alpha\alpha'$ -Dimethoxyazela-mide (GOSS and INGOLD), 1476.

11 IV

- $C_{11}H_6O_4NBr$ 6-Bromopiperonylidencyanoacetic acid (BAKER), 1075.
 $C_{11}H_8O_3NI$ Methyl 6-iodo-2-quinolone-4-carboxylate (ÆSCHLIMANN), 2911.
 $C_{11}H_8N_2Br_4S$ 2-Aminonaphthathiazole tetrabromides (HUNTER), 1400.
 $C_{11}H_{10}O_2Cl_2S$ 2:5-Dichlorophenyl acetylacetylonyl sulphide (BROOKER and SMILES), 1726.
 $C_{11}H_{10}O_3NI_3$ Thyroxin, tautomerism of (HICKS), 643.
 $C_{11}H_{11}O_2NS$ 2:4-Diketo-3-phenyl-5-ethyltetrahydrothiazole (STEPHEN and WILSON), 2534.
 $C_{11}H_{11}O_2ClS$ 4-Chlorophenyl acetylacetylonyl sulphide (BROOKER and SMILES), 1726.
 $C_{11}H_{11}O_4NS$ *o*-Nitrophenyl acetylacetylonyl sulphide (BROOKER and SMILES), 1727.
 $C_{11}H_{12}O_2N_2S$ Ethyl benzimidazole-2-thioglycollate (STEPHEN and WILSON), 2536.
 $C_{11}H_{13}O_2NBr$ Methyl methylcyclohexenyldencyanoacetate dibromides (FARMER and ROSS), 1576.
 $C_{11}H_{13}O_2ClHg$ 4-Hydroxy-5-chloromercuri-3-methyl-6-*isopropyl*benzaldehyde (HENRY and SHARP), 2438.
 $C_{11}H_{13}N_2BrS$ 5-Bromo-1-butylaminobenzthiazoles (HUNTER and SOYKA), 2963.
 $C_{11}H_{13}N_2Br_2S$ 5-Bromo-1-butylaminobenzthiazole dibromides (HUNTER and SOYKA), 2963.
 $C_{11}H_{14}ONCl$ Phenylbutylcarbonyl chlorides (PRICE), 3231.
 $C_{11}H_{14}N_2Br_2S$ 1-Butylaminobenzthiazole dibromides (HUNTER), 2956.
 $C_{11}H_{15}N_2BrS$ *s-p*-Bromophenylbutylthiocarbamides (HUNTER and SOYKA), 2962.

 C_{12} Group.

- $C_{12}H_{10}$ Diphenyl, space formula of (LE FÈVRE and TURNER), 2476.

12 II

- $C_{12}H_8Cl_2$ 3:4-Dichlorodiphenyl (SCARBOROUGH and WATERS), 560.
 $C_{12}H_8Br_2$ 3:5-Dibromodiphenyl (SCARBOROUGH and WATERS), 561.
 $C_{12}H_{10}O_2$ 5-Methoxy- α -naphthaldehyde (SHOESMITH and RUBLI), 3242.
 $C_{12}H_{10}O_3$ Piperonyl ethyl ether (EDWARDS), 743.
 $C_{12}H_{12}O_5$ ω :4-Diacetoxyacetophenone (NOLAN, PRATT, and ROBINSON), 1969.
 $C_{12}H_{12}O_6$ *m*-Meconineacetic acid (EDWARDS), 748.
 $C_{12}H_{14}O$ δ -Phenylhexen- β -ones (JOHNSON and KON), 2758.
 $C_{12}H_{14}O_2$ β -*iso*Propylcinnamic acid (JOHNSON and KON), 2757.
 $C_{12}H_{14}O_4$ 3-Methoxy-2-ethoxycinnamic acid (RUBENSTEIN), 652.
 $C_{12}H_{15}N_5$ Benzaldehyde-3-*n*-propyl-1:2:4-triazolyl-5-hydrazone (REILLY and DRUMM), 1734.
 $C_{12}H_{16}O_2$ 2-Hydroxy-5-*isocamyl*benzaldehyde (HENRY and SHARP), 2437.
 $C_{12}H_{16}O_2$ 1-*cyclo*Hexyl-3:5-diketocyclohexane (KON and SMITH), 1799.
 $C_{12}H_{18}O_3$ Acid, from cyano-ester $C_{15}H_{21}O_3N$ (KON and NUTLAND), 3108.
 $C_{12}H_{18}O_4$ Ethylenebisacetylacetone, keto-enolic isomerism of (MORGAN and TAYLOR), 43.
 Ethyl *cyclo*pentylidenemalonate (KON and SPEIGHT), 2731.
 $C_{12}H_{18}O_6$ Ethyl diacetylsuccinate, absorption spectra of (MORTON and ROGERS), 713.
 $C_{12}H_{20}O_6$ Diisopropylidenemannose, rotation and methylation of (IRVINE and SKINNER), 1089.
 $C_{12}H_{22}O_{11}$ Maltose, constitution of (IRVINE and BLACK), 862; (COOPER, HAWORTH, and PEAT), 876; (HAWORTH and PEAT), 3095.
 Sucrose, constitution of (MCOWAN), 1737, 1747; (HAWORTH and HIRST), 1858.

12 III

- $C_{12}H_7NI_2$ Di-iodocarbazole (TUCKER), 547.
 $C_{12}H_8OTE$ Phenoxtellurine, and its salts (DREW), 231.
 $C_{12}H_8O_2N_2$ 3:4'-Dinitro-4-hydroxydiphenyl (BELL and KENYON), 3049.
 $C_{12}H_8NCl_3$ 3:5:4'-Trichloro-4-aminodiphenyl (SCARBOROUGH and WATERS), 560.
 $C_{12}H_8NBr_3$ 3:5:4'-Tribromo-4-aminodiphenyl (SCARBOROUGH and WATERS), 561.
 $C_{12}H_9OCl$ 5-Methoxy- α -naphthoyl chloride (SHOESMITH and RUBLI), 3242.
 $C_{12}H_9O_3N$ 4'-Nitro-4-hydroxydiphenyl (BELL and KENYON), 3049.
 $C_{12}H_9O_2N$ 2-Nitro-4-phenoxyphenol (LEA and ROBINSON), 412.
 $C_{12}H_9O_5N_3$ 3:5'-Dinitro-4'-amino-4-hydroxydiphenyl (HODGSON and GOROWARA), 1757.
 $C_{12}H_9NCl_2$ *pp'*-Dichlorodiphenylamine (BURTON and GIBSON), 2246.
 $C_{12}H_9NBr_2$ 3:5-Dibromo-4-aminodiphenyl (SCARBOROUGH and WATERS), 561. •
 $C_{12}H_{10}NCl$ 3-Chloro-4-aminodiphenyl, and its hydrochloride (SCARBOROUGH and WATERS), 560.
 $C_{12}H_{10}NBr$ 3-Bromo-4-aminodiphenyl (KENYON and ROBINSON), 3052.
 $C_{12}H_{10}N_2S$ 4'-Bromo-4-aminodiphenyl (SCARBOROUGH and WATERS), 560.
 $C_{12}H_{10}N_2S$ 2-Methylamino- β -naphthathiazole (DYSON, HUNTER, and SOYKA), 2966.
 $C_{12}H_{11}ON$ 4-Hydroxylaminodiphenyl (BELL, KENYON, and ROBINSON), 1243.
 $C_{12}H_{11}O_2N$ α -Naphthylglycollamide (MCKENZIE and DENNLER), 1600.
 $C_{12}H_{11}O_3N$ 2-Cyano-5:6-dimethoxy-1-hydrindone (PERKIN, RAY, and ROBINSON), 948.
 Methyl 1-methyl-2-quinolone-4-carboxylate (AESCHLIMANN), 2908.
 $C_{12}H_{11}O_5N$ 2-Carboxy-5- and -7-methoxyindole-3-acetic acids (PERKIN and RUBENSTEIN), 361.
 $C_{12}H_{11}O_5N_3$ Meconineacetyl azide (EDWARDS), 746.
 $C_{12}H_{13}O_6N_2$ Triacetyl derivative of 5-nitro-2-aminophenol (HEWITT and KING), 823.
 $C_{12}H_{13}O_2N$ 6:7-Dimethoxy-3-methylquinoline, and its hydrochloride (WILLIMOTT and SIMPSON), 2810.
 $C_{12}H_{13}O_5N$ Meconineacetamide (EDWARDS), 745.
 $C_{12}H_{13}O_5N$ 6-Nitro-3:4-dimethoxy- α -methylcinnamaldehyde (WILLIMOTT and SIMPSON), 2810.
 $C_{12}H_{13}O_6N$ 5-Nitro-3-methoxy-2-ethoxycinnamic acid (RUBENSTEIN), 652.
 $C_{12}H_{13}O_7N$ Acetyl-5-nitro-2-ethoxyphenylglycollic acid (CHATTAWAY), 2724.
 $C_{12}H_{14}ON_4$ 5-Salicylideneamino-3-*n*-propyl-1:2:4-triazole (REILLY and DRUMM), 1733.
 $C_{12}H_{14}O_2S$ *p*-Tolyl acetylacetyl sulphide (BROOKER and SMILES), 1726.
 $C_{12}H_{14}O_5N_2$ Nitroso- β -hydroxy- β -(2-carboxy-3:4-dimethoxyphenyl)ethylmethylamide lactone (EDWARDS), 747.
 $C_{12}H_{14}NI$ 3-Methylquinoline ethiodide (WILLIMOTT and SIMPSON), 2809.
 $C_{12}H_{14}NI_3$ *p*-Toluquinalkline methiodide periodide (HUMPHRIES), 375.
 $C_{12}H_{15}ON$ β -Phenyl- γ -methyl- $\Delta\beta$ -pentenoamide (JOHNSON and KON), 2757.
 β -Phenyl- $\Delta\beta$ -hexenoamide (JOHNSON and KON), 2755.
 Anilide of acid, $C_7H_{10}O_4$ (KON and SPEIGHT), 2730.
 $C_{12}H_{15}ON_3$ β -Phenyl- $\Delta\gamma$ -penten- β -one semicarbazone (JOHNSON and KON), 2757.
 Styrylacetone semicarbazone (LINSTED and WILLIAMS), 2744.
 $C_{12}H_{15}O_2N$ Methyl 1-methyl- $\Delta^1\beta$ -cyclohexadienyl-3- α -cyanopropionate (FARMER and ROSS), 1576.
 $C_{12}H_{15}O_2N_3$ 2:4-Dinitro-*m*-tolylpiperidine (GORNALL and ROBINSON), 1984.
 $C_{12}H_{15}O_3N_4$ 4-Nitro-*o*-anisidine diazopiperidine (HOLMES and INGOLD), 1331.

- $C_{12}H_{16}O_3Hg$ 2-Acetoxymercuri-*p-tert.*-butylphenol (HENRY and SHARP), 2435.
 Acetoxymercuricarvacrol (HENRY and SHARP), 2436.
- $C_{12}H_{16}N_2S$ 1-Amylaminobenzthiazoles (HUNTER), 2956.
- $C_{12}H_{17}ON_3$ *o*-Anisidine diazopiperidine (HOLMES and INGOLD), 1329.
- $C_{12}H_{17}O_3N$ Ethyl 1-methylcyclohexan-3-one-1-cyanoacetate (FARMER and ROSS), 3237.
- $C_{12}H_{17}O_4N$ 4-Nitro-1:3-dimethoxy-5-cyclohexane-0:1:2-spirocyclopentene (HASSELL and INGOLD), 1840.
- $C_{12}H_{17}O_5N$ β -Hydroxy- β -(2-carboxydimethoxyphenyl)ethylmethylamines (EDWARDS), 749.
- $C_{12}H_{18}ON_4$ Diethyl ketone δ -anilinosemicarbazone (BAIRD and WILSON), 2371.
- $C_{12}H_{18}O_2N_2$ Nitrosoamine from base $C_{12}H_{19}ON$ (BANFIELD and KENYON), 1628.
- $C_{12}H_{18}O_3N_4$ Methyl 1-methylcyclohexan-3-one-1-cyanoacetate semicarbazone (FARMER and ROSS), 3237.
- $C_{12}H_{18}N_2S$ *s*-Phenyl-*n*-amylthiocarbamide (HUNTER), 2956.
- $C_{12}H_{18}IAS$ *As*-Methyltetrahydroarsindole ethiodide (ROBERTS, TURNER, and BURY), 1444.
- $C_{12}H_{19}ON$ Base from reduction of $C_{18}H_{22}O_2N_2$ (BANFIELD and KENYON), 1628.
 Substance, from pulegone and ethyl sodiocyanoacetate (KON and NUTLAND), 3110.
- $C_{12}H_{20}O_2Br_2$ Ethyl *aa'*-dibromosuberate (GOSS and INGOLD), 1473.
- $C_{12}H_{21}ON_3$ 2:5-Dimethyl-2-*isopropenyl*cyclohexanone semicarbazone (KON and NUTLAND), 3110.
*cyclo*Hexane-1-acetone-1-acetic acid semicarbazone (NORRIS), 248.
*cyclo*Hexanespirocyclohexan-3-one semicarbazone (NORRIS), 249.
 5-Methyl-2-ethyl-2-*isopropenyl*cyclopentanone semicarbazone (KON and NUTLAND), 3109.
- $C_{12}H_{22}O_4N_4$ Ethylenebisacetylacetone tetraoximes (MORGAN and TAYLOR), 48.
- $C_{12}H_{24}O_2N_4$ Hexahydrobenzylideneacetone semicarbazide-semicarbazone (KON and SMITH), 1799.

12 IV

- $C_{12}H_6ONBr_3$ 3:4:4'-Tribromo-2'-nitrodiphenyl (LE FÈVRE and TURNER), 2043.
- $C_{12}H_6O_4N_2Cl_2$ 4:4'-Dichlorodinitrodiphenyls, isomeric (HODGSON and GOROWARA), 1754.
- $C_{12}H_6O_4N_2I_2$ 4:4'-Di-iododinitrodiphenyls (HODGSON), 2385.
- $C_{12}H_6O_6N_3Br$ 4-Bromo-2':3':4'-trinitrodiphenyl (LE FÈVRE and TURNER), 2044.
- $C_{12}H_6O_{11}N_4Te$ 2:8-Dinitrophenoxtellurine 10:10-dinitrate (DREW), 3065.
- $C_{12}H_7O_2NCl_2$ 4:4'-Dichloro-2-nitrodiphenyl (LE FÈVRE and TURNER), 2045.
- $C_{12}H_7O_2NBr_2$ 4:4'-Dibromo-2-nitrodiphenyl (DENNETT and TURNER), 479.
 4:4'-Dibromo-3-nitrodiphenyl (LE FÈVRE and TURNER), 2046.
- $C_{12}H_7O_2NI_2$ 4:4'-Di-iodo-2-nitrodiphenyl (HODGSON), 2385.
- $C_{12}H_7O_6N_3Te$ 2-Nitrophenoxtellurine 10:10-dinitrate (DREW), 3065.
- $C_{12}H_7NCl_3As$ 2:8:10-Trichloro-5:10-dihydrophenarsazine (BURTON and GIBSON), 2246.
- $C_{12}H_8OCl_2Te$ 10:10-Dichlorophenoxtellurine (DREW), 230.
- $C_{12}H_8O_4N_3Cl$ 4-Chloro-2:3'-dinitro-4'-aminodiphenyl (LE FÈVRE and TURNER), 2048.
 4-Chloro-3:3'-dinitro-4'-aminodiphenyl (HODGSON and GOROWARA), 1757.
- $C_{12}H_8O_4N_3Br$ 4-Bromo-2:3'-dinitro-4'-aminodiphenyl (LE FÈVRE and TURNER), 2048.
- $C_{12}H_8O_7N_2Te$ Phenoxtellurine 10:10-dinitrate (DREW), 3065.

- $C_{12}H_8NCl_2As$ Dichloro-5:10-dihydrophenarsazines (BURTON and GIBSON), 2246.
 $C_{12}H_8ClSAs$ 10-Chlorophentharsine (ROBERTS and TURNER), 1209.
 $C_{12}H_9OCl_3Te$ *p*-Phenoxyphenyltelluritrichloride (DREW), 227.
 $C_{12}H_9OSAs$ *o*-Phenylthiolphenylarsenious oxide (ROBERTS and TURNER), 1208.
 $C_{12}H_9O_2N_2Br$ 4-Bromo-3'-nitro-4'-aminodiphenyl (LE FÈVRE and TURNER), 2045.
 $C_{12}H_9O_2NCl$ Acetylanhydro-5-amino-2- $\beta\beta\beta$ -trichloro- α -hydroxyethoxy-1- $\beta\beta\beta$ -trichloro- α -hydroxyethylbenzene (CHATTAWAY), 2726.
 $C_{12}H_9O_4NS_2$ Benzene-*o*-disulphonphenylimide (HURTLEY and SMILES), 1825.
 $C_{12}H_9O_4N_2AS$ Nitrophenarsazinic acid, salts of (BURTON and GIBSON), 2245.
 $C_{12}H_9O_{10}N_3Te$ 4:8-Dinitro-10-hydroxyphenoxtellurine 10-nitrate hydrate (DREW), 3065.
 $C_{12}H_9NClAs$ 10-Chloro-5:10-dihydrophenarsazine (BURTON and GIBSON), 450, 464.
 $C_{12}H_9Cl_2SAs$ *o*-Phenylthiolphenyldichloroarsine (ROBERTS and TURNER), 1208.
 $C_{12}H_{10}O_3NI$ Ethyl 6-iodo-3-quinolone-4-carboxylate (AESCHLIMANN), 2911.
 $C_{12}H_{10}O_3N_2Te$ 4-Nitro-10-hydroxyphenoxtellurine 10-nitrate hydrate (DREW), 3065.
 $C_{12}H_{10}N_2Br_6S$ 2-Methylamino- β -naphthathiazole hexabromide (DYSON, HUNTER, and SOYKA), 2966.
 $C_{12}H_{11}ONI$ 6-Methoxy-3-methylquinoline methiodide (WILLIMOTT and SIMPSON), 2811.
 $C_{12}H_{11}O_3NS$ 1-Acetylamionaphthalene-4-sulphinic acid (CHILD and SMILES), 2701.
 $C_{12}H_{11}O_3SAs$ *o*-Phenylthiolphenylarsinic acid (ROBERTS and TURNER), 1208.
 $C_{12}H_{11}N_2Cl_2As$ 10-Chloro-1-amino-5:10-dihydrophenarsazine hydrochloride (BURTON and GIBSON), 2245.
 $C_{12}H_{12}O_2NI$ 6:7-Methylenedioxy-3-methylquinoline methiodide (WILLIMOTT and SIMPSON), 2809.
 $C_{12}H_{12}O_3NI$ Ethyl iodo-2-keto-1:2:3:4-tetrahydroquinoline-4-carboxylate (AESCHLIMANN), 2911.
 $C_{12}H_{12}O_3NAS$ Diphenylamine-*p*-arsinic acid (BURTON and GIBSON), 461.
 $C_{12}H_{12}O_6S_2As_2$ Diphenyl sulphide *pp'*-diarsinic acid (HEWITT, KING, and MURCH), 1369.
 $C_{12}H_{12}ON_3S$ 2:4-Diketo-3-phenyltetrahydrothiazole-2-*isopropylidenehydrazone* (STEPHEN and WILSON), 2534.
 $C_{12}H_{15}N_2BrS$ 5-Bromo-1-amylaminobenzthiazoles (HUNTER and SOYKA), 2963.
 $C_{12}H_{15}N_2Br_3S$ 5-Bromo-1-*iso*amylaminobenzthiazole dibromide (HUNTER and SOYKA), 2963.
 $C_{12}H_{15}N_2Br_5S$ 5-Bromo-1-*n*-amylaminobenzthiazole tetrabromide (HUNTER and SOYKA), 2963.
 $C_{12}H_{16}ONCl$ β -*p*-Chloroanilino- β -methylpentan- δ -one (BANFIELD and KENYON), 1624.
 Phenyl*iso*amylcarbonyl chloride (PRICE), 3231.
 $C_{12}H_{16}O_{12}S_2Te$ Phenoxtellurine dibisulphate trihydrate (DREW), 3070.
 $C_{12}H_{17}O_2N_2I$ *m*-Nitrobenzylpiperidine hydriodide (ING and ROBINSON), 1664.
 $C_{12}H_{17}N_2BrS$ *s-p*-Bromophenylamylthiocarbamides (HUNTER and SOYKA), 2963.
 $C_{12}H_{17}N_2Br_2S$ 1-Amylaminobenzthiazole dibromide hydrobromides (HUNTER), 2956.
 $C_{12}H_{18}ON_3Cl$ *cyclo*Hexanespiro-5-chloro- Δ^4 -*cyclo*hexen-3-one semicarbazone (NORRIS), 249.
 $C_{12}H_{18}O_2N_2Pd$ Palladous ethylenediaminobisacetylacetone (MORGAN and SMITH), 921.

- $C_{12}H_{20}O_3N_2Cu$ Aquo-cupric ethylenediaminobisacetylacetone (MORGAN and SMITH), 918.
 $C_{12}H_{44}N_{15}I_6Cu_3$ Tetratriaminopropanetricupric hexaiodide (MANN), 2685.

12 V

- $C_{12}H_6O_6N_2I_2As_2$ 5:5'-Di-iodo-3:3'-dinitro-4:4'-dihydroxyarsenobenzene (MACALUM), 1647.
 $C_{12}H_9O_4NBrAs$ 2-Bromo-6'-nitrodiphenylarsinic acid (BURTON and GIBSON), 457.
 $C_{12}H_{10}O_9N_3SAs$ 3:3'-Dinitrobenzenesulphonyl-4-aminophenylarsinic acid (HEWITT, KING, and MURCH), 1364.
 $C_{12}H_{11}O_2NBrAs$ 2-Bromo-6'-aminodiphenylarsinic acid (BURTON and GIBSON), 457.
 $C_{12}H_{11}O_7N_3SAs$ 3'-Nitrobenzenesulphonyl-4-aminophenylarsinic acid (HEWITT, KING, and MURCH), 1364.
 $C_{12}H_{11}O_8N_2SAs$ 3'-Nitrobenzenesulphonylaminohydroxyphenylarsinic acids (HEWITT, KING, and MURCH), 1365.
 $C_{12}H_{13}O_5N_2SAs$ 3'-Aminobenzenesulphonyl-4-aminophenylarsinic acid, and its salts (HEWITT, KING, and MURCH), 1364.
 $C_{12}H_{13}O_6NSAs$ 3'-Aminobenzenesulphonylaminohydroxyphenylarsinic acids (HEWITT, KING, and MURCH), 1366.
 $C_{12}H_{14}O_5N_3SAs$ 3:3'-Diaminobenzenesulphonyl-4-aminophenylarsinic acid (HEWITT, KING, and MURCH), 1365.

 C_{13} Group.

- $C_{13}H_{10}$ Fluorene, absorption spectrum of (CAPPER and MARSH), 724.
 $C_{13}H_{14}$ Substance, from dehydrogenation of tetracyclosqualene (HARVEY, HEILBRON, and KAMM), 3138.

13 II

- $C_{13}H_{10}O_2$ 4-Hydroxyaldehydodiphenyl (BELL and KENYON), 3047.
 $C_{13}H_{10}S_2$ 2-Phenyl-1:3-benzdithiole (HURTLEY and SMILES), 1827.
 $C_{13}H_{12}O_2$ Methoxydiphenyl ethers (LEA and ROBINSON), 412.
 $C_{13}H_{12}N_2$ Diaminofluorenes (MORGAN and THOMASON), 2694.
 $C_{13}H_{14}O_3$ 3:5-Diketo-1-benzylcyclohexane (LINSTEAD and WILLIAMS), 2745.
 $C_{13}H_{14}O_4$ 3-*m*-Carboxybenzylacetylacetone, and its copper salt (MORGAN and PORTER), 1259.
 3-Methoxy-2-acetoxystyryl methyl ketone (McGOOKIN and SINCLAIR), 1580.
 $C_{13}H_{14}O_6$ ω :4-Diacetoxy-3-methoxyacetophenone (NOLAN, PRATT, and ROBINSON), 1970.
 $C_{13}H_{16}O$ Methyl β -phenyl- Δ^{β} -hexenoate (JOHNSON and KON), 2756.
 $C_{13}H_{16}O_2$ Ethyl β -phenyl- Δ^{β} -pentenoate (JOHNSON and KON), 2754.
 $C_{13}H_{16}O_4$ 2:3-Diethoxycinnamic acid (RUBENSTEIN), 652.
 $C_{13}H_{16}N_2$ 1-*p*-Toluidino-1-cyanocyclopentane (OAKESHOTT and PLANT), 1211.
 $C_{13}H_{17}N$ Octahydroacridine, and its salts (PEKIN and SEDGWICK), 433.
 $C_{13}H_{18}O_4$ Ethyl 1:3-diketodecahydronaphthalene-4-carboxylate (KON and QUDRATI-KHUDA), 3071.
 $C_{13}H_{18}O_{13}$ Tetracarbomethoxy-*l*-arabinose (HAWORTH and MAW), 1752.
 Tetracarbomethoxy-*l*-xylose (HAWORTH and MAW), 1754.
 $C_{13}H_{20}O_4$ Ethyl Δ^1 -cyclohexenylmalonate (KON and SPEIGHT), 2733.
 Ethyl ester of acid, $C_6H_{12}O_4$ (KON and SPEIGHT), 2732.
 $C_{13}H_{24}O_3$ Ethyl *sec.*-butylisovalerylate (JONES), 2769.
 $C_{13}H_{24}O_6$ Ethyl $\alpha\alpha'$ -dihydroxyazelaate (GOSS and INGOLD), 1476.
 Ethyl $\alpha\alpha'$ -dimethoxypimelate (HASSELL and INGOLD), 1469.
 $C_{13}H_{24}O_{11}$ Methylmaltoside (IRVINE and BLACK), 874.

13 III

- $C_{13}H_6O_5N_3$ Dinitrofluorenes (MORGAN and THOMASON), 2694.
 $C_{13}H_8O_2Cl_2$ 3:5-Dichlorophenyl benzoate (HODGSON and WIGNALL), 2078.
 $C_{13}H_8O_2Br_2$ 3:5-Dibromophenyl benzoate (HODGSON and WIGNALL), 2078.
 $C_{13}H_8O_2I_2$ 3:5-Di-iodophenyl benzoate (HODGSON and WIGNALL), 2078.
 $C_{13}H_8O_4N_2$ Dinitrofluorenes (MORGAN and THOMASON), 2693.
 $C_{13}H_8N_4Br_2$ 1-(2:4-Dibromophenyl)-4-phenyltetrazole (CHATTAWAY and PARKES), 114.
 $C_{13}H_9O_3N$ Benzoylfurfuraldehydecyanohydrin (GREENE), 330.
 $C_{13}H_9NI_2$ 3:6-Di-iodo-9-methylcarbazole (TUCKER), 552.
 $C_{13}H_9N_2Br_2$ 1-(2:4-Dibromophenyl)-5-phenyl-1:4-dihydropentazine (CHATTAWAY and PARKES), 116.
 $C_{13}H_9ClS_2$ 2-Phenyl-1:3-benzdithiole-1-sulphonium chloride (HURTLEY and SMILES), 1827.
 $C_{13}H_9Br_3S_2$ 2-Phenyl-1:3-benzdithiole-1-sulphonium perbromide (HURTLEY and SMILES), 1828.
 $C_{13}H_{10}O_5N_2$ Dinitro-4-methoxydiphenyls (BELL and KENYON), 3048.
 $C_{13}H_{10}O_5N_4$ Dinitro-4-nitrosomethylaminodiphenyl (BELL and KENYON), 2710.
 $C_{13}H_{10}N_2S$ Thiocarbonylbenzidine, and its sulphate (LE FÈVRE and TURNER), 2483.
 $C_{13}H_{11}O_2N$ Nitro-4-methoxydiphenyls (BELL and KENYON), 3048.
 $C_{13}H_{11}O_4N$ 3-Nitro-6-methoxydiphenyl ether (LEA and ROBINSON), 412.
 $C_{13}H_{11}O_4N_3$ Dinitro-4-methylaminodiphenyl (BELL and KENYON), 2710.
 $C_{13}H_{11}O_9N_5$ Nitrobenzylammonium picrates (GOSS, INGOLD, and WILSON), 2455.
 $C_{13}H_{11}N_2F$ Fluorobenzaldehyde phenylhydrazones (SHOESMITH, SOSSON, and SLATER), 2761.
 $C_{13}H_{12}ON_2$ 4-Nitrosomethylaminodiphenyl (BELL, KENYON, and ROBINSON), 1245.
 $C_{13}H_{12}N_2S$ 2-Ethylamino- β -naphthathiazole (DYSON, HUNTER, and SOYKA), 2966.
 $C_{13}H_{12}N_4Br_2$ ω -Hydrazinobenzaldehyde-2:4-dibromophenylhydrazone (CHATTAWAY and PARKES), 115.
 $C_{13}H_{13}ON$ 2-*p*-Ethoxyphenylpyridine, and its picrate (FORSYTH and PYMAN), 2918.
 $C_{13}H_{13}O_2N$ Tetrahydrocarbazolecarboxylic acids, and their salts (COLLAR and PLANT), 809.
 $C_{13}H_{13}O_2N_3$ 1-Methyl- Δ^1 -cyclohexene-3:3-dicyanoacetimide, and its ammonium salt (FARMER and ROSS), 1577.
 $C_{13}H_{13}O_2As$ Phenylbenzylarsinic acid, salts of (ROBERTS, TURNER, and BURY), 1447.
 $C_{13}H_{14}O_2N_2$ 5-Nitro-6-methyltetrahydrocarbazole (MANJUNATH and PLANT), 2262.
 $C_{13}H_{15}ON$ 11-Hydroxy-6-methyltetrahydrocarbazolenine (MANJUNATH and PLANT), 2262.
 $C_{13}H_{15}O_4N$ Ethyl 5:6-dimethoxyindole-2-carboxylate (PERRIN and RUBENSTEIN), 360.
 $C_{13}H_{15}O_5N$ β -Acetoxy- β -(2-carboxy-3:4-dimethoxyphenyl)ethylamine lactone (EDWARDS), 746.
 Aminoguaiacols (OXFORD), 2007.
 Triacetylaminoguaiacol (OXFORD), 2007.
 $C_{13}H_{15}O_6N$ Ethyl nitro-2:3-dimethoxycinnamates (RUBENSTEIN), 651.
 $C_{13}H_{16}O_2N_2$ *cyclo*Hexanonecarboxyphenylhydrazones (COLLAR and PLANT), 809.
 $C_{13}H_{16}O_2N_4$ 1-Methyl- Δ^1 -cyclohexene-3:3-dicyanoacetamide (FARMER and ROSS), 1577.

- C₁₃H₁₆O₄Hg** 3-Acetoxymercuri-4-hydroxy-2-methyl-5-*isopropyl*benzaldehyde (HENRY and SHARP), 2439.
 2-Hydroxy-3-acetoxymercuri-5-*tert.*-butylbenzaldehyde (HENRY and SHARP), 2437.
 4-Hydroxy-5-acetoxymercuri-3-methyl-6-*isopropyl*benzaldehyde (HENRY and SHARP), 2439.
- C₁₃H₁₇ON₃** Phenylhexenone semicarbazones (JOHNSON and KON), 2758.
- C₁₃H₁₇O₂N** 1-*p*-Toluidinocyclopentane-1-carboxylic acid (OAKESHOTT and PLANT), 1211.
- C₁₃H₁₈ON₄** *cyclo*Hexanone δ -anilinosemicarbazone (BAIRD and WILSON), 2371.
- C₁₃H₁₈O₅Hg** 2-Acetoxymercuri-*p*-*isoamyl*phenol (HENRY and SHARP), 2436.
- C₁₃H₁₈N₂S** 1-*n*-Hexylamino benzthiazole (HUNTER), 2957.
- C₁₃H₁₉O₂N** Substance, from α -phenyl- γ -ethyl- $\Delta\beta$ -penten- α -one and hydroxylamine hydrochloride (FARROW and KON), 2137.
- C₁₃H₁₉O₂N₃** 2-Hydroxy-5-*isoamyl*benzaldehyde semicarbazone (HENRY and SHARP), 2438.
- C₁₃H₁₉O₃N** Substance, from 2-*isopropylidene*cyclopentanone and ethyl sodiocyanoacetate (KON and NUTLAND), 3108.
- C₁₃H₂₀ON₄** Methyl *tert.*-butyl ketone δ -anilinosemicarbazone (BAIRD and WILSON), 2371.
- C₁₃H₂₀O₂N₂** α -Phenyl- γ -ethyl- $\Delta\beta$ -penten- α -one oximino-oxime (FARROW and KON), 2137.
- C₁₃H₂₀O₂N₄** Ethyl 1-methylcyclohexan-3-one-1-cyanoacetate semicarbazone (FARMER and ROSS), 3237.
- C₁₃H₂₀N₂S** *s*-Phenyl-*n*-hexylthiocarbamide (HUNTER), 2957.
- C₁₃H₂₁ON₃** Allyl- Δ^1 -cyclohexenylacetone semicarbazone (KON and SMITH), 1797.
 2-Ethyl-2- Δ^1 -cyclopentenylcyclopentanone semicarbazone (KON and NUTLAND), 3107.
 2- Δ^1 -cycloHexenylcyclohexanone semicarbazone (KON and NUTLAND), 3104.
- C₁₃H₂₃IAS** δ -Phenyl-*n*-butyldimethylarsine methiodide (ROBERTS, TURNER, and BURY), 1445.
 γ -Phenylpropyldimethylethylarsonium iodide (ROBERTS, TURNER, and BURY), 1444.
- C₁₃H₂₃ON₃** Ethyl- α - Δ^1 -cyclohexenylmethyl ethyl ketone semicarbazone (KON and SMITH), 1797.
 5-Methyl-2-ethyl-2-*isopropenyl*cyclohexanone semicarbazone (KON and NUTLAND), 3110.
 Propyl- Δ^1 -cyclohexenylacetone semicarbazone (KON and SMITH), 1796.
- C₁₃H₂₄IAS** δ -Phenyl-*n*-butyldimethylarsine ethiodide (ROBERTS, TURNER, and BURY), 1445.

13 IV

- C₁₃H₈N₂Cl₆S** 5-Di-3:4:5-trichlorophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 3043.
- C₁₃H₇O₂N₅Br₂** 1-(2:4-Dibromophenyl)-4-*m*-nitrophenyl-1:2:3:5-tetrazole (CHATTAWAY and PARKES), 114.
- C₁₃H₈O₃N₃Cl₃** 2:4:6-Trichloro-3-hydroxybenzaldehyde-*p*-nitrophenylhydrazone (HODGSON and BEARD), 153.
- C₁₃H₈O₂NCl** 3-Chloro-5-nitrophenyl benzoate (HODGSON and WIGNALL), 2077.
- C₁₃H₈O₄NBr** 3-Bromo-2-nitrophenyl benzoate (HODGSON and MOORE), 158.
- C₁₃H₈O₄NI** 3-Iodo-5-nitrophenyl benzoate (HODGSON and WIGNALL), 2077.
- C₁₃H₈O₃N₄Cl₂** Dichloronitro-3-hydroxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and BEARD), 2035.

- $C_{13}H_9O_7N_5Cl$ Chlorodinitro-3-hydroxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and BEARD), 2035.
- $C_{13}H_8NBr_2S$ 5-Bromo-1-phenylbenzthiazole tetrabromide (HUNTER), 540.
- $C_{13}H_8N_2Cl_4S$ *s*-Di-2:3-dichlorophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 3042.
- $C_{13}H_9ONS$ 2-Keto-1-phenyl-1:2-dihydrobenziso-thiazole (McCLELLAND and GAIT), 923.
- $C_{13}H_9O_3N_2Cl_2$ Dichloro-3-hydroxybenzaldehydephenylhydrazones (HODGSON and BEARD), 152.
- $C_{13}H_9O_5N_4Cl$ Chloronitro-3-hydroxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and BEARD), 2032.
- $C_{13}H_9NBr_4S$ 1-Phenylbenzthiazole tetrabromide (HUNTER), 539.
- $C_{13}H_{10}O_2N_2F$ Fluorobenzaldehyde *p*-nitrophenylhydrazones (SHOESMITH, SOSSON, and SLATER), 2761.
- $C_{13}H_{10}O_3N_2Cl$ Chloro-*m*-hydroxybenzaldehyde phenylhydrazones (HODGSON and BEARD), 150.
- $C_{13}H_{10}O_2N_2As$ 3':5-Dinitrobenzoyl-4-amino-2-hydroxyphenylarsinic acid (HEWITT and KING), 825.
- $C_{13}H_{10}N_2Br_4S$ 5-Amino-1-phenylbenzthiazole tetrabromide (HUNTER), 541.
- $C_{13}H_{11}O_7N_2As$ Nitrobenzoylaminohydroxyphenylarsinic acids, and their salts (HEWITT and KING), 824.
- $C_{13}H_{11}O_8N_2As$ Nitrohydroxybenzoylaminohydroxyphenylarsinic acids (HEWITT and KING), 827.
- $C_{13}H_{11}NClAs$ 10-Chloro-2-methyl-5:10-dihydrophenarsazine (BURTON and GIBSON), 468.
- $C_{13}H_{12}OClAs$ *o*-Phenoxyphenylmethylchloroarsine (ROBERTS and TURNER), 1209.
- $C_{13}H_{12}O_2NAs$ 2-Methylphenarsazinic acid, and its salts (BURTON and GIBSON), 469.
- $C_{13}H_{12}N_2Br_4S$ 2-Ethylamino- β -naphthathiazole tetrabromide (DYSON, HUNTER, and SOYKA), 2967.
- $C_{13}H_{12}ONS$ *dl*-4'-Amino-4-methyldiphenyl sulphoxide (HARRISON, KENYON, and PHILLIPS), 2085.
- $C_{13}H_{13}O_2N_2I$ Substance, from α -picoline methiodide and *p*-nitrophenylnitrosamine (HUMPHRIES), 376.
- $C_{13}H_{13}O_5N_2As$ 3'-Aminobenzoyl-3-amino-4-hydroxyphenylarsinic acid, and its salts (HEWITT and KING), 828.
- $C_{13}H_{13}O_6N_2As$ Aminohydroxybenzoylaminohydroxyphenylarsinic acids and their salts (HEWITT and KING), 827.
- $C_{13}H_{14}O_5N_3As$ 3':5-Diaminobenzoyl-4-amino-2-hydroxyphenylarsinic acid, and its salts (HEWITT and KING), 825.
- $C_{13}H_{17}N_2BrS$ 5-Bromo-1-*n*-hexylaminobenzthiazole (HUNTER and SOYKA), 2964.
- $C_{13}H_{17}N_2Br_3S$ 5-Bromo-1-*n*-hexylaminobenzthiazole dibromide (HUNTER and SOYKA), 2964.
- $C_{13}H_{18}N_2Br_2S$ 1-*n*-Hexylaminobenzthiazole dibromide (HUNTER), 2957.
- $C_{13}H_{18}N_2BrS$ *s-p*-Bromophenyl-*n*-hexylthiocarbamide (HUNTER and SOYKA), 2964.

13 V

- $C_{13}H_8O_2N_2Br_2S$ 5-Nitro-1-phenylbenzthiazole dibromide (HUNTER), 540.
- $C_{13}H_{12}O_2N_3SAs$ 3:3'-Dinitro-4'-toluenesulphonyl-4-aminophenylarsinic acid (HEWITT, KING, and MURCH), 1363.
- $C_{13}H_{13}O_2NBrAs$ 2-Bromo-6'-methylaminodiphenylarsinic acid (BURTON and GIBSON), 458.
- $C_{13}H_{13}O_2N_2SAs$ 3'-Amino-4'-toluenesulphonyl-4-aminophenylarsenious oxide (HEWITT, KING, and MURCH), 1362.

- $C_{13}H_{13}O_7N_4SS$ 3'-Nitro-4'-toluenesulphonyl-4-aminophenylarsinic acid (HEWITT, KING, and MURCH), 1361.
 $C_{13}H_{14}O_3N_3SAs$ 3:3'-Diamino-4'-toluenesulphonyl-4-aminophenylarsenious oxide (HEWITT, KING, and MURCH), 1364.
 $C_{13}H_{11}O_5N_2SAs$ 3'-Amino-4'-toluenesulphonyl-4-aminophenylarsinic acid, and its salts (HEWITT, KING, and MURCH), 1361.
 $C_{13}H_{16}O_5N_3SAs$ 3:3'-Diamino-4'-toluenesulphonyl-4-aminophenylarsinic acid, and its magnesium salt (HEWITT, KING, and MURCH), 1363.

C_{14} Group.

- $C_{14}H_{10}$ Anthracene, absorption spectrum of (CAPPER and MARSH), 724.
 Phenanthrene, absorption spectrum of (CAPPER and MARSH), 724.

14 II

- $C_{14}H_9O_2$ Quinizarin, action of thionyl chloride on (GREEN), 1428.
 $C_{14}H_9S_4$ 2:2'-Bis-1:3-benzdithiolenes (HURTLEY and SMILES), 2263.
 $C_{14}H_{11}N$ 1-Methyl- β -naphthaquinoline, and its picrate (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2256.
 $C_{14}H_{12}O$ γ -Ketobutenyl-naphthalenes (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2257.
 $C_{14}H_{12}O_5$ 2:4:6-Trihydroxyphenyl *p*-hydroxybenzyl ketone (+H₂O) (BAKER and ROBINSON), 2716.
 $C_{14}H_{12}N_2$ 3:4'-Diaminotoluene (HARRISON), 1237.
 $C_{14}H_{13}S_2$ 2-Phenyl-2-methyl-1:3-benzdithiolenes (HURTLEY and SMILES), 1827.
 $C_{14}H_{13}N$ Methyl-dihydro-naphthasoquinolines, and their picrates (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2258.
 $C_{14}H_{14}O$ γ -Ketobutyl-naphthalenes (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2258.
 $C_{14}H_{14}N_2$ 3:4'-Diaminostilbene (HARRISON), 1236.
 $C_{14}H_{15}N$ Methyl-tetrahydroacridine, and its picrate (PERKIN and SEDGWICK), 443.
 Methyl-1:2:3:4-tetrahydro-naphthoquinolines, and their salts (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2252.
 $C_{14}H_{16}O$ α - Δ^1 -cyclohexenylacetophenone (FARROW and KON), 2132.
 $C_{14}H_{16}O_2$ 1- α -Naphthyl-2:2-dimethylethylene glycol (MCKENZIE and DENNLER), 1601.
 $C_{14}H_{16}O_5$ Ethyl 5:6-dimethoxy-1-hydrindione-2-carboxylate (PERKIN, RAY, and ROBINSON), 949.
 $C_{14}H_{16}O_6$ Ethyl *m*-meconineacetate (EDWARDS), 748.
 $C_{14}H_{17}N$ 3:6-Dimethyl-tetrahydrocarbazole (OAKESHOTT and PLANT), 1213.
 $C_{14}H_{19}N$ Methyl-octahydroacridines (PERKIN and SEDGWICK), 444.
 $C_{14}H_{20}O_{10}$ Tetra-acetylglucose, mutarotation of (JONES and LOWRY), 720.
 $C_{14}H_{20}O_4$ Ethyl ester, from acid, $C_{10}H_{14}O_4$ (KON and SPEIGHT), 2734.
 $C_{14}H_{22}N_2$ *n*-Heptaldehyde methylphenylhydrazone (BAIRD and WILSON), 2374.
 $C_{14}H_{26}O_3$ 4-Ketomyristic acid (G. M. and R. ROBINSON), 2206.

14 III

- $C_{14}H_5O_8N_3$ 2:4:7-Trinitrophenanthraquinone (CHRISTIE and KENNER), 473.
 $C_{14}H_6O_5S$ Thionylhystazarin (GREEN), 2201.
 $C_{14}H_6O_6S$ 2:3-Thionylanthragallol (GREEN), 2202.
 Thionylpurpurin (GREEN), 2200.
 $C_{14}H_6O_{10}N_4$ 3:5:3':5'-Tetranitrobenzil (CHRISTIE and KENNER), 475.
 $C_{14}H_7O_3Cl$ Chlorohydroxyanthraquinones (GREEN), 1431, 1435, 2203.

- $C_{14}H_7O_{10}N_3$ 4:6:4'-Trinitrodiphenic acids, and their quinine salts (CHRISTIE and KENNER), 473.
- $C_{14}H_8OCl_2$ 4:10-Dichloroanthrone (MATTHEWS), 243.
- $C_{14}H_8OS_4$ 3-Keto-1:4-benzdithian-2:2'-*spiro*-1':3'-benzdithiole (HURTLEY and SMILES), 2269.
- $C_{14}H_8O_4N_2$ 3:4'-Dinitrotolane (HARRISON), 1235.
7-Nitro-4-keto-3-phenyl-1:2-benzoxazine (BISHOP and BRADY), 812.
6-Nitro-3-keto-2-phenyl- ψ -indole (BISHOP and BRADY), 812.
- $C_{14}H_8O_4S_5$ 2:2'-Bis-1:3-benzdithiylum sulphate (HURTLEY and SMILES), 2269.
- $C_{14}H_8O_5N_2$ Triacetyldiaminoveratrole (OXFORD), 2008.
- $C_{14}H_8O_6N_2$ Dinitrobenzils, isomeric (CHATTAWAY and COULSON), 1070.
- $C_{11}H_8O_6N_4$ Dinitrodiphenic hydrazides (CHRISTIE, HOLDERNESS, and KENNER), 675.
- $C_{14}H_8O_6N_2$ β -Dinitrodiphenic acid, constitution and resolution of, and its salts (CHRISTIE, HOLDERNESS, and KENNER), 671.
2:2'-Dinitrodiphenyl-3:3'-dicarboxylic acid (BURTON, HAMMOND, and KENNER), 1804.
- $C_{14}H_8I_4S_4$ Tetraiodobis-1:3-benzdithiolenes (HURTLEY and SMILES), 2270.
- $C_{14}H_9OCl$ 10-Chloroanthrone (MATTHEWS), 242.
- $C_{14}H_9O_2Cl$ Chloro-10-hydroxyanthrones (MATTHEWS), 241.
- $C_{14}H_9O_2Cl$ 2-Chloro-3-benzoyloxybenzaldehyde (HODGSON and BEARD), 150.
- $C_{14}H_9O_6N_3$ 2:4-Dinitrobenzil monoximes, behaviour of, in the Beckmann change (BISHOP and BRADY), 810.
- $C_{14}H_9N_6S_2$ 1-Aminoazothiazole, and its hydrochloride (HUNTER), 1396.
- $C_{14}H_{10}O_2N_2$ 6-Nitro-2-methyl- α -naphthaquinoline, and its chloroplatinate (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2254.
- $C_{14}H_{10}O_2N_4$ Substance, from reduction of tetranitrodiphenic acid (CHRISTIE and KENNER), 474.
- $C_{14}H_{10}O_4N_2$ 3:4'-Dinitrostilbene (HARRISON and WOOD), 580.
- $C_{14}H_{10}O_5N_2$ Nitrophenyl nitrobenzyl ketones (HARRISON and WOOD), 581.
- $C_{14}H_{10}O_6N_4$ β -Dinitrodiphenamide (CHRISTIE, HOLDERNESS, and KENNER), 674.
- $C_{14}H_{10}O_8N_6$ *p*-Acetylaminobenzenediazonium picrate (GRAY), 3180.
- $C_{14}H_{10}NCl$ Chloromethylnaphthaquinolines (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2252.
- $C_{14}H_{10}NBr$ 6-Bromo-2-methyl- α -naphthaquinoline, and its salts (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2255.
- $C_{14}H_{11}ON_3$ 1-Acetyl-5-phenyl-1:2:3-benzotriazole (BELL and KENYON), 2709.
4'-Amino-3-phenylphthalaz-4-one, and its hydrochloride (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 703.
- $C_{14}H_{11}O_2N$ 4'-Hydroxy-*N*-phenylphthalimidine (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 704.
- $C_{14}H_{11}O_2Cl$ Chloro-*m*-tolyl benzoates (GIBSON), 1425.
- $C_{14}H_{11}O_3N_3$ 3:5-Dicyano-6-hydroxy-4-benzyl-2-pyridone, and its ammonium salt (LINSTEAD and WILLIAMS), 2747.
Substance, from reduction of trinitrodiphenic acid (CHRISTIE and KENNER), 475.
- $C_{14}H_{11}O_4N_3$ *o*-Piperonal *p*-nitrophenylhydrazone (PERKIN and TRIKOJUS), 2932.
- $C_{14}H_{11}NI_2$ 3:6-Di-iodo-9-ethylcarbazole (TUCKER), 552.
- $C_{14}H_{11}N_2S_2$ 2-Aminotolyl 5-disulphide (CHILD and SMILES), 2700.
- $C_{14}H_{13}ON_2$ 4'-Amino-*N*-phenylphthalimidine (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 703.
- $C_{14}H_{12}O_4N_2$ Dinitro-4:4'-ditolyl (DENNETT and TURNER), 480.

- $C_{14}H_{12}O_4S_4$ 3:7-Dimethoxy-2:6-dihydroxythianthren disulphide (SEN and RÂY), 1140.
- $C_{14}H_{13}O_5N_2$ 3:4'-Dinitro- $\alpha\beta$ -diphenylethyl alcohol (HARRISON and WOOD), 580.
- $C_{14}H_{12}O_6N_2$ Dinitrobenzyloxyanisoles (OXFORD and ROBINSON), 386; (ROBINSON and SMITH), 399.
- $C_{14}H_{13}ON$ γ -Oximinobutenylnaphthalenes (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2258.
- $C_{14}H_{13}O_2N$ Acetoaceto- α -naphthalide (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2253.
- Nitro-4:4'-ditolyl (DENNETT and TURNER), 480.
- $C_{14}H_{13}O_4N$ Nitrobenzyloxyanisoles (ALLAN and ROBINSON), 382; (OXFORD and ROBINSON), 386; (ROBINSON and SMITH), 400.
- $C_{14}H_{13}O_4N_3$ 2:4-Dinitro-3-benzylaminotoluene (GORNALL and ROBINSON), 1984.
- Dinitro-4-dimethylaminodiphenyls (BELL and KENYON), 2711.
- $C_{14}H_{14}ON_2$ 3-Amino-4-acetylamindiphenyl (BELL and KENYON), 2708.
- 4-Aminophenyl 3-aminobenzyl ketone (HARRISON), 1238.
- $C_{14}H_{14}O_2N_2$ 2'-Nitro-4-dimethylaminodiphenyl (BELL and KENYON), 2707.
- $C_{14}H_{14}O_2Te$ Bis-*p*-anisyl telluride (MORGAN and KELLETT), 1085.
- $C_{14}H_{14}O_2Te_2$ Bis-*p*-anisyl ditelluride (MORGAN and KELLETT), 1084.
- $C_{14}H_{14}O_3N_2$ *p*-Azoxybenzyl alcohol (SHOESMITH and TAYLOR), 2834.
- $C_{14}H_{14}NBr$ Bromo-4-dimethylaminodiphenyl (KENYON and ROBINSON), 3052.
- $C_{14}H_{14}N_2S$ 2-*n*-Propylamino- β -naphthathiazole (DYSON, HUNTER, and SOYKA), 2967.
- $C_{14}H_{15}ON$ γ -Ketobutylnaphthalene oximes (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2258.
- $C_{14}H_{15}O_2N$ Methyl tetrahydrocarbazolecarboxylates (COLLAR and PLANT), 809.
- $C_{14}H_{16}N_2S$ *s*- α -Naphthyl-*n*-propylthiocarbamide (DYSON, HUNTER, and SOYKA), 2967.
- $C_{14}H_{17}ON$ α - Δ^1 -cyclohexenylacetophenone oxime (FARROW and KON), 2133.
- $C_{14}H_{17}ON_3$ α - Δ^1 -cyclohexenylacetophenone semicarbazone (FARROW and KON), 2136.
- $C_{14}H_{17}O_2N$ 6:7-Dimethoxytetrahydrocarbazole (PERKIN and RUBENSTEIN), 360.
- $C_{14}H_{17}O_6N$ Ethyl β -hydroxy- β -(2-carboxydimethoxyphenyl)ethylcarbamate lactones (EDWARDS), 746.
- $C_{14}H_{18}O_4Hg$ 2-Hydroxy-3-acetoxymercuri-5-*iso*amylbenzaldehyde (HENRY and SHARP), 2438.
- $C_{14}H_{18}O_5Hg_2$ 2:6-Diacetoxymercuri-*p*-*tert*-butylphenol (HENRY and SHARP), 2434.
- Diacetoxymercuricarvacrol (HENRY and SHARP), 2436.
- $C_{14}H_{19}ON_3$ α -Phenyl- γ -ethylpenteu- α -one semicarbazones (FARROW and KON), 2137.
- $C_{14}H_{20}ON_4$ 1-Methylcyclohexan-2-one δ -anilinosemicarbazone (BAIRD and WILSON), 2372.
- $C_{14}H_{20}N_2S$ 1-*n*-Heptylaminothiazole (HUNTER), 2957.
- $C_{14}H_{21}ON$ cyclohexenylcyclohexanone imide (KON and NUTLAND), 3106.
- $C_{14}H_{21}O_4N$ *p*-Dimethylbenzylidenepentaerythritol (FAIRBOURNE and WOODLEY), 3240.
- $C_{14}H_{22}ON_4$ Dipropyl ketone δ -anilinosemicarbazones (BAIRD and WILSON), 2372.
- $C_{14}H_{23}N_2S$ *s*-Phenyl-*n*-heptylthiocarbamide (HUNTER), 2957.
- $C_{14}H_{23}ON_3$ 2-Methyl-2- Δ^1 -cyclohexenylcyclohexanone semicarbazone (KON and NUTLAND), 3105.
- $C_{14}H_{25}ON_3$ Butyl- Δ^1 -cyclohexenylacetone semicarbazone (KON and SMITH), 1797.

14 IV

- $C_{14}H_5O_7ClS_2$ 1:2-Thionyl-7-chlorothionylanthrapurpurin (GREEN), 2200.
 $C_{14}H_6O_6N_2Cl_2$ β -Dinitrodiphenic chloride (CHRISTIE, HOLDERNESS, and KENNER), 673.
 $C_{14}H_8OCIBr$ 1-Chloro-10-bromoanthrone (MATTHEWS), 241.
 $C_{14}H_9ONI_2$ Di-iodo-9-acetylcarbazole (TUCKER), 548.
 $C_{14}H_9O_4N_2Cl$ α -Chlorodinitrostilbenes (HARRISON and WOOD), 581.
 $C_{14}H_9O_3N_3Br_2$ 3:5-Dibromodinitro-4-acetylaminodiphenyl (KENYON and ROBINSON), 3053.
 $C_{14}H_{10}ONCl_3$ 3:5:4'-Trichloro-4-acetylaminodiphenyl (SCARBOROUGH and WATERS), 560.
 $C_{14}H_{10}ONBr_3$ 3:5:4'-Tribromo-4-acetylaminodiphenyl (SCARBOROUGH and WATERS), 562.
 $C_{14}H_{10}O_3N_2Cl_2$ Benzoyl-2:6-dichloro-4-nitroaceto-*m*-toluidide (DAVIES and LEEPER), 1417.
 $C_{14}H_{10}O_3N_2Br_2$ Dibromo-4'-nitro-4-acetylaminodiphenyl (KENYON and ROBINSON), 3053.
 $C_{14}H_{10}O_4N_2Cl_2$ 3:4-Dinitrostilbene dichloride (HARRISON and WOOD), 581.
 $C_{14}H_{10}O_4N_2Br_2$ 3:4'-Dinitrostilbene dibromide (HARRISON), 1234.
 $C_{14}H_{11}ONCl_2$ Dichloro-4-acetylaminodiphenyls (KENYON and ROBINSON), 3053.
 $C_{14}H_{11}ONBr_2$ Dibromo-4-acetylaminodiphenyls (SCARBOROUGH and WATERS), 561; (KENYON and ROBINSON), 3052.
 $C_{14}H_{11}ONS$ 2-Keto-1-*o*-tolyl-1:2-dihydrobenzisothiazole (MCCLELLAND and GAIT), 923.
 $C_{14}H_{11}O_3N_2Br$ 4-Bromo-3'-nitro-4'-acetylaminodiphenyl (LE FÈVRE and TURNER), 2045.
 $C_{14}H_{11}O_3N_3Cl_2$ Dichloro-3-methoxybenzaldehyde *o*-nitrophenylhydrazones (HODGSON and BEARD), 155.
 $C_{14}H_{12}ONCl$ Chloro-4-acetylaminodiphenyls (SCARBOROUGH and WATERS), 559.
 Diphenyl-4-acetylchloroamine (BELL, KENYON, and ROBINSON), 1246.
 $C_{14}H_{12}ONBr$ 3-Bromo-4-acetylaminodiphenyl (KENYON and ROBINSON), 3051.
 $C_{14}H_{12}ONI$ 1-Phenylbenzoxazole methiodide (CLARK), 235.
 $C_{14}H_{12}ON_2Br_2$ *o*-Azoxybenzyl bromide (SHOESMITH and TAYLOR), 2832.
 $C_{14}H_{12}O_3N_3Cl$ Chloro-3-methoxybenzaldehyde *p*-nitrophenylhydrazones (HODGSON and BEARD), 154.
 $C_{14}H_{12}O_4N_2Hg$ 4-Mercuribis-2-nitrotoluene (COFFEY), 640.
 $C_{14}H_{12}O_6N_2S_2$ 2:2'- and 4:4'-Dinitro-5:5'-dimethoxydiphenyl disulphides (HODGSON and HANDLEY), 513.
 $C_{14}H_{13}O_5NS$ *N*-4-Toluenesulphonyl-3-amino-4-hydroxybenzoic acid (HEWITT, KING, and MURCH), 1358.
 $C_{14}H_{13}O_8N_2As$ Nitroanisoylaminohydroxyphenylarsinic acids, and their salts (HEWITT and KING), 826.
 $C_{11}H_{13}NClAs$ 10-Chloro-2:8-dimethyl-5:10-dihydrophenarsazine (BURTON and GIBSON), 468.
 $C_{14}H_{14}OIAS$ 10:10-Dimethylphenoxarsonium iodide (ROBERTS and TURNER), 1209.
 $C_{14}H_{14}O_2NAS$ 2:8-Dimethylphenarsazinic acid, and its salts (BURTON and GIBSON), 469.
 $C_{14}H_{14}O_2Cl_2Te$ Di-*p*-anisyltelluridichloride (MORGAN and KELLETT), 1085.
 $C_{14}H_{14}O_4N_2S$ Benzoyl-*m*-tolylenediamine-3-sulphonic acid (GORNALL and ROBINSON), 1983.
 $C_{11}H_{14}O_6N_4S$ 2-Nitrotolyl 2-nitrotoluene-5-sulphazide (COFFEY), 642.

- $C_{14}H_{14}N_2Br_6S$ 2-*n*-Propylamino- β -naphthathiazole hexabromide (DYSON, HUNTER, and SOYKA), 2967.
 $C_{14}H_{14}O_2NS$ *N-p*-Toluenesulphonylmethylaminophenols (HEWITT, KING, and MURCH), 1368.
 $C_{14}H_{15}O_6N_2AS$ Aminoanisoylaminohydroxyphenylarsinic acids, and their salts (HEWITT and KING), 826.
 $C_{14}H_{16}O_5NAS$ *N*-Acetyldiphenylamine-*p*-arsinic acid (BURTON and GIBSON), 460.
 $C_{14}H_{17}ON_3S$ 2:4-Diketo-3-phenyl-5-ethyltetrahydrothiazole-2-*isopropylidene*hydrazone (STEPHEN and WILSON), 2534.
 $C_{14}H_{19}N_2BrS$ 5-Bromo-1-*n*-heptylaminothiazole (HUNTER and SOYKA), 2964.
 $C_{14}H_{19}N_2Br_2S$ 5-Bromo-1-*n*-heptylaminothiazole dibromide (HUNTER and SOYKA), 2964.
 $C_{14}H_{21}N_2BrS$ *s-p*-Bromophenyl-*n*-heptylthiocarbamide (HUNTER and SOYKA), 2964.
 $C_{14}H_{21}N_2Br_2S$ 1-*n*-Heptylaminothiazole dibromide hydrobromide (HUNTER), 2957.
 $C_{14}H_{22}ON_4Cu_6$ Ethylenediammonium tricaprocyanide hemihydrate (MORGAN and BURSTAL), 2025.
 $C_{14}H_{26}O_2N_4Ni$ Ethylenediammino-nickel ethylenediaminobisacetylacetone (MORGAN and SMITH), 920.
 $C_{14}H_{26}O_3N_4Cu$ Cupric ethylenediaminobisacetylacetone ethylenediamine hydrate (MORGAN and SMITH), 918.

14 V

- $C_{14}H_9ON_2BrS$ 5-Bromo-1-benzoylaminothiazole (HUNTER), 1396.
 $C_{14}H_{10}ON_2Br_4S$ 1-Benzoylaminothiazole tetrabromide (HUNTER), 1396.
 $C_{14}H_{12}ONCl_2As$ *N*-Acetyldiphenylamine-*p*-arsenious chloride (BURTON and GIBSON), 461.
 $C_{14}H_{12}ON_2ClBr$ Chloro-3-methoxybenzaldehyde *p*-bromophenylhydrazones (HODGSON and BEARD), 154.
 $C_{14}H_{13}O_3NCIS_2$ *p*-Acetylaminothiophenyl *p*-chlorobenzenethiolsulphonate (CHILD and SMILES), 2702.
 $C_{14}H_{15}O_2NBrAs$ 2-Bromo-6'-dimethylaminodiphenylarsinic acid (BURTON and GIBSON), 458.
 $C_{14}H_{15}O_7N_2SAs$ 3'-Nitro-4'-toluenesulphonyl-4-methylaminophenylarsinic acid (HEWITT, KING, and MURCH), 1361.
 $C_{14}H_{16}O_5NSAs$ 4'-Toluenesulphonyl-4-methylaminophenylarsinic acid (HEWITT, KING, and MURCH), 1360.
 $C_{14}H_{17}O_6N_2SAs$ 3'-Amino-4'-toluenesulphonyl-4-methylaminophenylarsinic acid, and its salts (HEWITT, KING, and MURCH), 1363.
 $C_{14}H_{20}O_2N_2Cl_6Pd$ Dichloroformo-palladous ethylenediaminobisacetylacetone (MORGAN and SMITH), 921.

C₁₅ Group.

- $C_{15}H_{24}$ Cadinene, chemistry of (HENDERSON and ROBERTSON), 2811.
 Cadinene, β -Caryophyllene, and Cedrene, action of chromyl chloride on (GIBSON, ROBERTSON, and SWORD), 165.
 Copaene, new source of (HENDERSON, M'NAB, and ROBERTSON), 3077.

15 II

- $C_{15}H_{10}O_3$ Fisetin, synthesis of (ALLAN and ROBINSON), 2334.
 $C_{15}H_{10}O_4$ Chrysin, synthesis of (ROBINSON and VENKATARAMAN), 2348.
 Quercetin, synthesis of (ALLAN and ROBINSON), 2334.
 $C_{15}H_{10}O_5$ Galangin, synthesis of (HEAP and ROBINSON), 2337.
 Prunetol, constitution of, and its identity with genistein (BAKER and ROBINSON), 2713.

- $C_{15}H_{12}O_5$ ω -Benzoyloxyresacetophenone (HEAP and ROBINSON), 2338.
 $C_{15}H_{12}O_6$ ω -Benzoyloxyphloracetophenone (HEAP and ROBINSON), 2340.
 $C_{15}H_{14}O$ *d*-Methyldeoxybenzoin (MCKENZIE, ROGER, and WILLS), 787.
 $C_{15}H_{14}O_3$ Benzoyl*isocresol* (GRAESSER-THOMAS, GULLAND, and ROBINSON), 1973.
 3:4'-Dimethoxybenzophenone (LEA and ROBINSON), 2355.
 $C_{15}H_{14}O_5$ 2:4:6-Trihydroxyphenyl *p*-methoxybenzyl ketone (+ H_2O) (BAKER and ROBINSON), 2717.
 $C_{15}H_{16}O_3$ 2-Methoxybenzylloxanisolles (OXFORD and ROBINSON), 389.
 $C_{15}H_{16}O_8$ 3:4:5-Triacetoxy- ω -methoxyacetophenone (GATEWOOD and ROBINSON), 1965.
 $C_{15}H_{16}N_6$ 3-Propyl-1:2:4-triazole-5-azo- β -naphthylamines (REILLY and DRUMM), 1736.
 $C_{15}H_{18}O_4$ 3-Carboethoxybenzylacetylacetones, and their copper salts (MORGAN and PORTER), 1258.
 3-*m*-Carboxybenzylbutyrylacetone, and its salts (MORGAN and PORTER), 1260.
 $C_{15}H_{20}O_2$ Substance, from oxidation of β -caryophyllene (GIBSON, ROBERTSON, and SWORD), 165.
 $C_{15}H_{22}O_4$ Ethyl 1-cyclohexyl-3:5-diketocyclohexane-6-carboxylate (KON and SMITH), 1799.
 $C_{15}H_{24}O$ Substance, from oxidation of cedrene (GIBSON, ROBERTSON, and SWORD), 166.
 $C_{15}H_{24}O_2$ Substance, from oxidation of cadinene (GIBSON, ROBERTSON, and SWORD), 166.
 $C_{15}H_{26}O$ Caryophyllene alcohol (HENDERSON, ROBERTSON, and KERR), 66.
 Cubebol (HENDERSON and ROBERTSON), 2815.
 $C_{15}H_{26}O_4$ Ethyl cyclohexane-1-acetate-1-propionate (NORRIS), 250.
 $C_{15}H_{28}O_2$ Caryophyllene glycol (HENDERSON, ROBERTSON, and KERR), 68.
 $C_{15}H_{28}O_6$ Ethyl dimethoxyazelate (GOSS and INGOLD), 1476.

15 III

- $C_{15}H_{10}O_6N_2$ 3:4'-Dinitro- α -phenylcinnamic acids, stereoisomeric (HARRISON and WOOD), 1198.
 $C_{15}H_{11}O_2Cl$ ω -Chlorobenzoylacetophenones (BRADLEY and ROBINSON), 2363.
 $C_{15}H_{11}O_3Cl$ Dihydroxyflavylium chlorides (ROBERTSON and ROBINSON), 1953.
 $C_{15}H_{11}O_4Cl$ Benzoylvanilloyl chloride (HEAP and ROBINSON), 2342.
 Trihydroxyflavylium chlorides (ROBERTSON and ROBINSON), 1954.
 $C_{15}H_{11}O_5N_3$ 3:4'-Dinitro- β -hydroxy- α -phenyldihydrocinnamonitrile (HARRISON and WOOD), 1197.
 3:4'-Dinitro- α -phenylecinnamamides, stereoisomeric (HARRISON and WOOD), 1197.
 $C_{15}H_{11}O_5Cl$ Pelargonidin chloride (+ H_2O) (NOLAN, PRATT, and ROBINSON), 1969.
 Tetrahydroxyflavylium chlorides (ROBERTSON and ROBINSON), 1957.
 $C_{15}H_{13}ON$ 3-Methoxy-2-phenylindole (ROBINSON and THORNLEY), 3144.
 $C_{15}H_{13}O_2N$ 4'-Hydroxy-*N*-phenylphthalimidine methyl ether (ROWE, LEVIN, BURNS, DAVIES, and TEPPE), 705.
 $C_{15}H_{14}NI$ 3-Iodo-9-*isopropyl*carbazole (TUCKER), 553.
 $C_{15}H_{14}ON_5$ 3-*isopropyl*-1:2:4-triazole-5-azo- β -naphthol (REILLY and DRUMM), 1736.
 $C_{15}H_{15}O_2N$ *o*-Benzoylmethylaminoanisole (CLARK), 235.
 Methyltetrahydroacridinecarboxylic acid (PERKIN and SEDGWICK), 444.
 $C_{15}H_{15}O_5N$ Nitro-2-methoxybenzylloxanisolles (OXFORD and ROBINSON), 390.
 $C_{15}H_{15}O_5N_2$ 5-Nitro-9-acetyl-6-methyltetrahydrocarbazole (MANJUNATH and PLANT), 2261.

- C₁₅H₁₆N₂S** 2-Butylamino- β -naphthathiazoles (DYSON, HUNTER, and SOYKA), 2967.
- C₁₅H₁₇ON** 9-Acetyl-6-methyltetrahydrocarbazole (MANJUNATH and PLANT), 2261.
 β -Amino- $\alpha\alpha$ -diphenyl-*n*-propyl alcohols (MCKENZIE, ROGER, and WILLS), 786.
- C₁₅H₁₇ON₃** 2- γ -Ketobutyl-naphthalene semicarbazone (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2258.
- C₁₅H₁₇O₂N** Acetoxy-6-methyltetrahydrocarbazolenines (MANJUNATH and PLANT), 2262.
 6-Acetyl-9-methyl- ψ -indoxylspirocyclopentane (MANJUNATH and PLANT), 2263.
 Ethyl tetrahydrocarbazolecarboxylates (COLLAR and PLANT), 809.
- C₁₅H₁₈N₂S** *s*- α -Naphthylbutylthiocarbamides (DYSON, HUNTER, and SOYKA), 2967.
- C₁₅H₁₉ON₃** α - Δ^1 -cycloHexenylacetophenone semicarbazone (FARROW and KON), 2132.
- C₁₅H₁₉O₃N** Cyanolactone of cyclohexenylcyclohexanone (KON and NUTLAND), 3106.
- C₁₅H₁₉O₃N** 9-Acetyl-10:11-dihydroxy-6-methylhexahydrocarbazole (MANJUNATH and PLANT), 2262.
- C₁₅H₂₀O₅Hg₂** 2:6-Diacetoxymercuri-*p*-isoamylphenol (HENRY and SHARP), 2435.
- C₁₅H₂₁O₃N** Cyano-ester of 2-cyclopentylidene-cyclopentanone (KON and NUTLAND), 3107.
- C₁₅H₂₁O₄N** β -Octyl nitrobenzoates (RULE and NUMBERS), 2121.
- C₁₅H₂₃O₂N** Acetyl-*o*-benzylideneaminophenol, and its hydrolysis (BELL and KENYON), 1893.
- C₁₅H₂₄OCl₂** Caryophyllene dichlorohydrin anhydride (HENDERSON, ROBERTSON, and KERR), 69.
- C₁₅H₂₆OBr₂** Cubebol dibromide (HENDERSON and ROBERTSON), 2816.

15 IV

- C₁₅H₁₅ONS** *dl*-4'-Acetylamino-4-methyldiphenyl sulphoxide, and its resolution (HARRISON, KENYON, and PHILLIPS), 2087.
- C₁₅H₁₅O₂NS** 4'-Acetylamino-4-methyldiphenyl sulphone (HARRISON, KENYON, and PHILLIPS), 2087.
- C₁₅H₁₅O₃NS₂** *p*-Tolyl *p*-acetylaminobenzenethiolsulphonate (CHILD and SMILFS), 2702.
- C₁₅H₁₆N₂Br₄S** 2-*n*-Butylamino- β -naphthathiazole tetrabromide (DYSON, HUNTER, and SOYKA), 2967.
- C₁₅H₁₇N₂Br₄S** 2-*iso*Butylamino- β -naphthathiazole hexabromide hydrobromide (DYSON, HUNTER, and SOYKA), 2968.
- C₁₅H₂₄O₄NI** *p*-Dimethylbenzylidene pentaerythritol methiodide (FAIRBOURNE and WOODLEY), 3241.

15 V

- C₁₅H₁₃ONClAs** 10-Chloro-5-acetyl-2-methyl-5:10-dihydrophenarsazine (BURTON and GIBSON), 468.

C₁₆ Group.

- C₁₆H₁₀O₆** 3-Acetylanthragallol (GREEN), 2203.
 2-Acetylanthrapurpurin (GREEN), 2201.
- C₁₆H₁₂O₄** 10-Ethoxy-1-hydroxy-4:9-anthraquinone (GREEN), 1434.
 7-Hydroxy-4'-methoxyflavone (ROBINSON and VENKATARAMAN), 2346.
 ω -Piperonylacetophenone (BRADLEY and ROBINSON), 2363.
- C₁₆H₁₂O₅** Acacetin, synthesis of (ROBINSON and VENKATARAMAN), 2344.
 3:7-Dihydroxy-4'-methoxyflavone (HEAP and ROBINSON), 2339.
 2-Methylgenistein (BAKER and ROBINSON), 2716.

- C₁₆H₁₀O₆** Kaempferide, synthesis of, and its salts (HEAP and ROBINSON), 2336.
C₁₆H₁₂O₇ *iso*Rhamnetin, synthesis of (HEAP and ROBINSON), 2336.
C₁₆H₁₃N 2-Methylacenaphthpyridine, and its salts (NAIR and SIMONSEN), 3141.
C₁₆H₁₄O₂ 2-Hydroxystyryl benzyl ketone (DICKINSON), 2237.
C₁₆H₁₄O₃ ω -Methoxybenzoylacetophenones (BRADLEY and ROBINSON), 2359.
C₁₆H₁₆O₄ 3:4:3'-Trimethoxybenzophenone (LEA and ROBINSON), 2355.
C₁₆H₁₆S₂ 1:4:5:8-Tetramethylthianthren (SEN and RAY), 1140.
C₁₆H₁₇N Methyl-1:2:3:4-tetrahydroacenaphthpyridines, and their salts (NAIR and SIMONSEN), 3141.
C₁₆H₁₈O₄ *m*-Methoxyphenol ethylene ether (PERKIN, RAY, and ROBINSON), 946.
C₁₆H₂₀N₂ 3:3'-Tetramethyldiaminodiphenyl (DUTT), 1181.
C₁₆H₂₄O₃ *l*- β -Octyl anisate (RULE and NUMBERS), 2121.
 β -Octyl methoxybenzoates (RULE and NUMBERS), 2121.
C₁₆H₃₂O₄ 9:10-Dihydroxypalmitic acid (HILDITCH), 1836.

16 III

- C₁₆H₉O₃Cl** 1-Chloro-4-acetoxyanthraquinone (GREEN), 1434.
 5-Chloro-1-acetoxyanthraquinone (GREEN), 2203.
C₁₆H₁₁O₂N₃ Quinoxaline derivative of 3-thiol-2-quinolone-4-carboxylic acid (AESCHLIMANN), 2909.
C₁₆H₁₁O₂Cl Chloro-9-anthranyl acetates (MATTHEWS), 241.
C₁₆H₁₁O₃N 1-Phenylacetylisinatin (AESCHLIMANN), 2909.
C₁₆H₁₁O₅N₃ *N*-4'-Nitrophenylimino-*iso*carbostryl-3-carboxylic acid (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 705.
C₁₆H₁₂NCl 2-Chloro-4-methylacenaphthpyridine (NAIR and SIMONSEN), 3143.
C₁₆H₁₃ON Hydroxymethylacenaphthpyridines (NAIR and SIMONSEN), 3142.
C₁₆H₁₃O₂N₃ 4'-Acetylamino-3-phenylphthalaz-4-one (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 703.
C₁₆H₁₃O₂Cl 7:4'-Dihydroxy-3-methoxyflavylium chloride (+ H₂O) (ROBERTSON and ROBINSON), 1716.
C₁₆H₁₃O₅N₃ 1-Hydroxy-3-(4'-nitrophenyl)-1:3-dihydrophthalazine-4-acetic acid (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 700.
C₁₆H₁₃O₅Cl 3:7:3':4'-Tetrahydroxy-5-methylflavylium chloride (ROBERTSON and ROBINSON), 1955.
C₁₆H₁₃O₅Br 6'-Bromohomopiperonylresacetophenone (BAKER), 1076.
C₁₆H₁₃O₆N₃ *o*-Carboxy- α -hydroxycinnamic acid *p*-nitrophenylhydrazide (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 705.
C₁₆H₁₃O₆Cl Morinidin chloride 3-methyl ether (GATEWOOD and ROBINSON), 1962.
 Peonidin chloride (NOLAN, PRATT, and ROBINSON), 1968.
 Tetrahydroxymethoxyflavylium chloride (+ H₂O) (GATEWOOD and ROBINSON), 1964.
C₁₆H₁₃O₇Cl 5:7:3':4':5'-Pentahydroxy-3-methoxyflavylium chloride (+ 2H₂O) (GATEWOOD and ROBINSON), 1966.
C₁₆H₁₃O₈N₂ Dinitrodihomopiperonylamine (PERKIN, RAY, and ROBINSON), 948.
C₁₆H₁₄OS₂ 2-Benzoyl-2-phenyl-1:3-dithiolan (HURLBY and SMILES), 2267.
C₁₆H₁₄O₂N β -Phenylethylphthalimide (ING and MANSKE), 2350.
C₁₆H₁₄O₂N₂ 4'-Acetylamino-*N*-phenylphthalimidine (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 704.
C₁₆H₁₄O₅Te Phenoxtellurine 10:10-diacetate (DREW), 3069.
C₁₆H₁₄O₆N₄ 2:3'-Dinitrodiaetylbenzidine (LE FÈVRE and TURNER), 1762.
C₁₆H₁₅O₂N 5-Acetoacetamidoacenaphthene (NAIR and SIMONSEN), 3143.
 4'-Hydroxy-*N*-phenylphthalimidine ethyl ether (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 705.

- $C_{16}H_{16}O_3N$ Diacetyl-4-hydroxyaminodiphenyl (BELL, KENYON, and ROBINSON), 1244.
- $C_{16}H_{15}O_4N$ Benzoylphenylserines (FORSTER and RAO), 1948.
- $C_{16}H_{16}O_3N_2$ 3:4-Diacetyldiaminodiphenyl (BELL and KENYON), 2708.
- $C_{16}H_{16}O_4N_2$ 2-Nitro-4-amino-3':4'-dimethoxystilbene, and its hydrochloride (ASHLEY), 2805.
- $C_{16}H_{16}O_4S_2$ 1:4:5:8-Tetramethylthianthren disulphone (SEN and RÂY), 1140.
- $C_{16}H_{17}ON$ Benzoyl- β -tolylethylamine (TITLEY), 519.
- $C_{16}H_{17}O_2N_3$ 1-Hydroxy-3-(4'-aminophenyl)-tetrahydrophthalazine-4-acetic acid (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 702.
- $C_{16}H_{18}ON_2$ 3-Acetyl-amino-4-dimethylaminodiphenyl (BELL and KENYON), 2710.
- $C_{16}H_{18}ON_4$ Acetone δ -diphenylaminosemicarbazone (BAIRD and WILSON), 2374.
Acetophenone δ -methylanilino-semicarbazone (BAIRD and WILSON), 2373.
Methyl benzyl ketone δ -anilino-semicarbazone (BAIRD and WILSON), 2372.
- $C_{16}H_{18}O_2Te_2$ Bis-2-methoxy-*m*-tolyl ditelluride (MORGAN and KELLETT), 1086.
- $C_{16}H_{18}O_4N_4$ Dinitrotetramethylbenzidines (BELL and KENYON), 2711.
- $C_{16}H_{18}N_2S$ 2-Amylamino- β -naphthathiazoles (DYSON, HUNTER, and SOYKA), 2968.
- $C_{16}H_{18}O_5N$ Ethyl 2-carbethoxy-7-methoxyindole-3-acetate (PERKIN and RUBENSTEIN), 362.
Protopine, synthesis of (HAWORTH and PERKIN), 1769.
- $C_{16}H_{20}N_2S$ *s*- α -Naphthylamylthiocarbamides (DYSON, HUNTER, and SOYKA), 2968.
- $C_{16}H_{20}IAS$ Phenyl- β -phenylethylmethylarsine methiodide (ROBERTS, TURNER, and BURY), 1446.
- $C_{16}H_{21}ON_3$ Ethyl- α - Δ^1 -cyclopentylacetophenone (FARROW and KON), 2136.
Methyl- α -cyclohexenylacetophenone semicarbazone (FARROW and KON), 2134.
Semicarbazone, from condensation of propiophenone and acetone (JOHNSON and KON), 2759.
- $C_{16}H_{23}O_3N$ Diacetyl derivative of base $C_{12}H_{19}ON$ (BANFIELD and KENYON), 1628.
- $C_{16}H_{25}O_3N$ *d*-Methylenecamphor-*l*-alanine ethyl ester (KIPPING and POPE), 496.
- $C_{16}H_{26}O_6N_2$ Tetramethyl gluconolactone phenylhydrazides (CHARLTON, HAWORTH, and PEAT), 99.
- $C_{16}H_{27}ON_3$ Semicarbazone, from oxidation product of β -caryophyllene (GIBSON, ROBERTSON, and SWORD), 165.
Semicarbazone, from oxidation product of cedrene (GIBSON, ROBERTSON, and SWORD), 166.

16 IV

- $C_{16}H_{10}O_3NI$ 6-Iodo-3-phenyl-2-quinoline-4-carboxylic acid (AESCHLIMANN), 2911.
- $C_{16}H_{11}O_4NS$ Benzenesulphonyl-1-nitroso- β -naphthol (EDWARDS), 815.
- $C_{16}H_{11}O_6N_2Br_2$ 3:5-Dibromodinitro-4-diacetylamino-diphenyl (KENYON and ROBINSON), 3053.
- $C_{16}H_{11}O_6N_2S$ 4'-Nitrobenzene-1-azo- β -naphthaquinone-1-sulphonic acid, sodium salt (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 699.
- $C_{16}H_{11}NClAS$ 12-Chloro-7:12-dihydrophenarsazine (BURTON and GIBSON), 2243.
- $C_{16}H_{12}O_4N_2Br$ Dibromo-4'-nitro-4-diacetylamino-diphenyl (KENYON and ROBINSON), 3053.
- $C_{16}H_{13}ONS$ 5-*p*-Tolylthiol-6-hydroxyquinoline (BROOKER and SMILES), 1728.
- $C_{16}H_{13}O_2NBr_2$ 3:5-Dibromo-4-diacetylamino-diphenyl (KENYON and ROBINSON), 3052.
- $C_{15}H_{13}O_6N_2Cl$ 4-Chloro-2:6'-dinitro-3':4'-dimethoxystilbene (ASHLEY), 2806.
- $C_{16}H_{13}O_7N_2S$ 3-(4'-Nitrophenyl)-1:3-dihydrophthalazine-4-acetic acid-1-sulphonic acid, monosodium salt (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 699.

- $C_{16}H_{14}O_4NCl$ 4-Chloro-2-nitro-3':4'-dimethoxystilbene (ASHLEY), 2806.
 $C_{16}H_{15}O_3N_4Br$ 5-Bromo-1:3-diphenylbarbituric acid hydrazide (MACBETH, NUNAN, and TRAILL), 1252.
 $C_{16}H_{15}O_4N_4Cl$ 4-Chloro-2:3'-dinitro-4'-piperazinodiphenyl (LE FÈVRE and TURNER), 2048.
 $C_{16}H_{15}O_4N_4Br$ 4-Bromo-2:3'-dinitro-4'-piperazinodiphenyl (LE FÈVRE and TURNER), 2048.
 $C_{16}H_{15}O_{10}N_2As$ Nitroethylcarbonatobenzoylaminohydroxyphenylarsinic acids (HEWITT and KING), 826.
 $C_{16}H_{16}O_3NCl$ 4-Chloro-2-amino-3':4'-dimethoxystilbene (ASHLEY), 2806.
 $C_{16}H_{16}O_3NAs$ *N*-Acetyl-2:8-dimethylphenarsazinic acid (BURTON and GIBSON), 469.
 $C_{16}H_{16}O_4N_2S_2$ Acetanilide disulphoxides (CHILD and SMILES), 2699.
 $C_{16}H_{16}O_5N_2S$ *p*-Acetylaminophenyl *p*-acetylaminobenzenesulphonate (CHILD and SMILES), 2699.
 $C_{16}H_{16}O_6N_2S_2$ Acetanilide *p*-disulphone (CHILD and SMILES), 2699.
 Dicarbomethoxyaminodiphenyl *p*-disulphoxide (CHILD and SMILES), 2698.
 $C_{16}H_{16}N_4Br_6S_2$ 1-Imino-2-methyl-1:2-dihydrobenzthiazole tribromide (HUNTER), 1893.
 $C_{16}H_{18}ONAs$ 10-*n*-Butoxy-5:10-dihydrophenarsazine (BURTON and GIBSON), 464.
 $C_{16}H_{18}N_3ClS$ Methylene-blue, fixation of, by dispersoids (FODOR and RIWLIN), 102; fixation of, by yeast phosphoprotein sols (RIWLIN), 2300.
 $C_{16}H_{18}N_2Br_6S$ 2-*n*-Amylamino-8-naphthathiazole tetrabromide hydrobromide (DYSON, HUNTER, and SOYKA), 2968.
 $C_{16}H_{18}N_2Br_7S$ 2-*iso*Amylamino- β -naphthathiazole hexabromide hydrobromide (DYSON, HUNTER, and SOYKA), 2968.

16 V

- $C_{16}H_{14}O_2N_2I_2As_2$ 5:5'-Di-iodo-3:3'-diacetyl-amino-4:4'-dihydroxyarsenobenzene (MACALLUM), 1646.
 $C_{16}H_{16}ONClAs$ 10-Chloro-5-acetyl-2:8-dimethyl-5:10-dihydrophenarsazine (BURTON and GIBSON), 468.
 $C_{16}H_{16}O_2N_6Cl_5Sb$ Di-(acetylaminobenzenediazonium chlorides)-antimony trichloride (GRAY), 3177.

 C_{17} Group.

- $C_{17}H_{12}O_5$ Benzoylfuroin (GREENE), 331.
 $C_{17}H_{14}O_4$ 2-Hydroxystyryl 3:4-dimethoxyphenyl ketone (ROBERTSON and ROBINSON), 1952.
 $C_{17}H_{14}O_5$ 5:7-Dihydroxy-4'-methoxy-2-methylisoflavone (BAKER and ROBINSON), 2717.
 $C_{17}H_{16}N_3$ 2-Phenyl-6-methyl-4-anilinopyrimidine, and its salts (FORSYTH and PYMAN), 2507.
 $C_{17}H_{16}O_2$ 2-Methoxystyryl benzyl ketone (DICKINSON), 2238.
 α -Phenyl-2-methoxystyryl methyl ketone (DICKINSON), 2238.
 $C_{17}H_{16}O_3$ α -Anisoylpropiofenone (BRADLEY and ROBINSON), 2361.
 $C_{17}H_{16}O_4$ ω -3-Methoxybenzoyl-4-methoxyacetophenone (BRADLEY and ROBINSON), 2365.
 $C_{17}H_{18}O_3$ Piperonylideneisophorone (BAKER), 668.
 $C_{17}H_{18}O_5$ 5:6-Dimethoxy-1-hydrindonesorcinol (PERKIN, RAY, and ROBINSON), 949.
 $C_{17}H_{20}O$ Substance, from α - Δ^1 -cyclohexenylacetophenone (FARROW and KON), 2135.

- C₁₇H₂₀O₂** α -Benzoylcamphor, absorption spectra of (MORTON and ROSNEY), 708.
Salicylidene-*dl*-piperitone (EARL and READ), 2074.
- C₁₇H₂₀N₂** Benzylacetone *p*-tolylhydrazone (BAIRD and WILSON), 2374.
- C₁₇H₂₂O₄** 3-*m*-Carbethoxybenzylbutyrylacetone, and its copper salt (MORGAN and PORTER), 1260.
- C₁₇H₂₆O₇** Ethyl ω -4-carbethoxy-2-ketocyclopentylmethylsuccinate (INGOLD and SHOPPEE), 1917.
- C₁₇H₂₆O₁₃** Tetracarbethoxy-*l*-arabinose (HAWORTH and MAW), 1753.
Tetracarbethoxy-*l*-xylose (HAWORTH and MAW), 1754.
- C₁₇H₂₈O₂** Caryophyllene acetate (HENDERSON, ROBERTSON, and KERR), 68.
- C₁₇H₃₀Sn** Benzylethyldibutylstannane (LAW), 3243.

17 III

- C₁₇H₁₈ON** α - and β -Naphthanilides (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2255.
- C₁₇H₁₈O₄N₃** 2:4-Dinitro-*m*-tolyl- α -naphthylamine (GORNALL and ROBINSON), 1984.
- C₁₇H₁₄OS** 1-*p*-Tolylthiol-2-naphthol (BROOKER and SMILES), 1728.
- C₁₇H₁₅O₅N₃** Methyl 1-hydroxy-3-(4'-nitrophenyl)-1:3-dihydrophthalazine-4-acetate (KOWE, LEVIN, BURNS, DAVIES, and TEPPER), 700.
- C₁₇H₁₆O₂N₂** Diacetylaminofluorenes (MORGAN and THOMASON), 2695.
- C₁₇H₁₆O₆N₂** Piperonylidenitroaminohomoveratrole (GULLAND and ROBINSON), 1950.
- C₁₇H₁₆O₆N₄** 2':3:4'-Trinitro-4-piperidinodiphenyl (LE FÈVRE and TURNER), 2044.
- C₁₇H₁₇ON** β -Phenyl- $\Delta\beta$ -pentenoic anilide (JOHNSON and KON), 2754.
- C₁₇H₁₇O₂N** Substance, from β -tolylethylamines and piperonal (TITLEY), 517.
- C₁₇H₁₇O₂N₃** 2-Hydroxystyryl benzyl ketone semicarbazone (DICKINSON), 2237.
- C₁₇H₁₇O₄N** *cis*-*O*-Methyl-*N*-benzoylphenylserine (FORSTER and RAO), 1948.
- C₁₇H₁₈N₂S** 1-Xylidinodimethylbenzthiazoles (HUNTER), 1403.
- C₁₇H₂₀ON₂** 2-Hydroxy-*s-tert.*-butylbenzaldehyde phenylhydrazone (HENRY and SHARP), 2437.
- C₁₇H₂₀ON₄** Benzylacetone δ -anilinosemicarbazone (BAIRD and WILSON), 2373.
- C₁₇H₂₀N₂S** 2-*n*-Hexylamino- β -naphthathiazole (DYSON, HUNTER, and SOYKA), 2969.
- C₁₇H₂₀BrAs** *As*-Methyltetrahydroarsindole benzobromide (ROBERTS, TURNER, and BURY), 1444.
- C₁₇H₂₁ON₃** Semicarbazone of product from α - Δ^1 -cyclopentylacetone and ethyl sodioacetate (FARROW and KON), 2136.
- C₁₇H₂₁O₄N** 9-Acetyl-10-acetoxy-11-hydroxy-6-methylhexahydrocarbazole (MANJUNATH and PLANT), 2262.
- C₁₇H₂₂N₂S** *s*- α -Naphthyl-*n*-hexylthiocarbamide (DYSON, HUNTER, and SOYKA), 2969.
- C₁₇H₂₃ON₃** Ethyl- α -cyclohexenylacetophenone semicarbazone (FARROW and KON), 2134.
- C₁₇H₂₅ON** Salicylidene-*dl*-menthylamines (READ, COOK, and SHANNON), 2230.
- C₁₇H₂₆ON₂** *dl*-*iso*Menthylphenylcarbamide (READ, COOK, and SHANNON), 2231.
- C₁₇H₂₈O₃Cl₂** Caryophyllene dichlorohydrin (HENDERSON, ROBERTSON, and KERR), 69.

17 IV

- C₁₇H₈N₂Br₆S** 1-*m*-Xylidino-3:5-dimethylbenzthiazole hexabromide (HUNTER), 1403.
- C₁₇H₁₁ON₃S** Benzthiazole-1-azo- β -naphthol (HUNTER), 1396.

- $C_{17}H_{13}O_8N_2Cl$ Glycerol α -chlorohydrin di-*p*-nitrobenzoate (FAIRBOURNE and FOSTER), 3150.
- $C_{17}H_{13}NClAs$ Chloromethyl-7:12-dihydrobenzophenarsazines (BURTON and GIBSON), 2244.
- $C_{17}H_{14}ON_4S$ Dibenzylidene-3-amino-2:4-diketotetrahydrothiazole-2-hydrazone (STEPHEN and WILSON), 2538.
- $C_{17}H_{15}O_2N_4I$ Substance, from quinaldine methiodide and *p*-nitrophenylnitrosamine (HUMPHRIES), 376.
- $C_{17}H_{16}O_3Cl_4Fe$ 3':4'-Dimethoxyflavylium ferrichloride (ROBERTSON and ROBINSON), 1952.
- $C_{17}H_{16}O_4Cl_4Fe$ 7:4'-Dihydroxy-3-methoxy-5-methylflavylium ferrichloride (ROBERTSON and ROBINSON), 1719.
- 7-Hydroxy-3':4'-dimethoxyflavylium ferrichloride (ROBERTSON and ROBINSON), 1953.
- $C_{17}H_{16}O_4N_2Cl$ 4-Chloro-4'-piperidino-2:3'-dinitrodiphenyl (DENNETT and TURNER), 479.
- $C_{17}H_{16}O_4N_2Br$ 4-Bromo-4'-piperidino-2:3'-dinitrodiphenyl (DENNETT and TURNER), 479.
- $C_{17}H_{17}O_3N_2Br$ 4-Bromo-3'-nitro-4'-piperidinodiphenyl (LE FÈVRE and TURNER), 2046.
- $C_{17}H_{17}N_4SNa$ Sodium diacetophenonethiocarbohydrazone (STEPHEN and TURNER), 2537.
- $C_{17}H_{18}N_2Br_4S$ 1-Xylidinodimethylbenzthiazole tetrabromides (HUNTER), 1403.
- $C_{17}H_{18}N_2Br_7S$ 1-*m*-Xylidino-3:5-dimethylbenzthiazole hexabromide hydrobromide (HUNTER), 1403.
- $C_{17}H_{21}N_2Br_6S$ 2-*n*-Hexylamino- β -naphthathiazole tetrabromide hydrobromide (DYSON, HUNTER, and SOYKA), 2969.

C₁₈ Group.

- $C_{18}H_{28}$ Substance, from reduction of *isophorone* (BAKER), 670.

18 II

- $C_{18}H_{10}N_4$ Phenazineazine (DUTT), 1180.
- $C_{18}H_{14}O_5$ 7-Acetoxy-4'-methoxyflavone (ROBINSON and VENKATARAMAN), 2346.
- $C_{18}H_{16}O_3$ 2-(2:3-Dimethoxybenzylidene)-1-hydrindone (PERKIN, RÂY, and ROBINSON), 952.
- 2-Veratrylidene-1-hydrindone (PERKIN, RÂY, and ROBINSON), 951.
- $C_{18}H_{16}O_5$ 5-Hydroxy-7:4'-dimethoxy-2-methylisoflavone (BAKER and ROBINSON), 2718.
- $C_{18}H_{16}O_6$ 7-Hydroxy-3:3':4'-trimethoxyflavone (ALLAN and ROBINSON), 2335.
- $C_{18}H_{16}O_7$ 5:7-Dihydroxy-3:3':4'-trimethoxyflavone (ALLAN and ROBINSON), 2336.
- $C_{18}H_{17}O_4$ Benzylidene- β -hydroxy- β -(2-carboxy-4:5-dimethoxyphenyl)ethylamine (EDWARDS), 749.
- $C_{18}H_{17}N_3$ 4-Phenylimino-2-phenyldimethyldihydropyrimidine (FORSYTH and PYMAN), 2508.
- 2-Phenyl-6-methyl-4-methylanilinopyrimidine, and its salts (FORSYTH and PYMAN), 2509.
- $C_{18}H_{18}O_3$ ω -4-*iso*Propoxybenzoylacetophenone (BRADLEY and ROBINSON), 2362.
- $C_{18}H_{18}O_5$ ω -Anisoyl-3:4-dimethoxyacetophenone (BRADLEY and ROBINSON), 2366.
- 3:4-Dimethoxyphenyl 3:4-methylenedioxy- β -phenyl- α -aminoethyl ketone, and its salts (CAMPBELL, HAWORTH, and PERKIN), 38.

- $C_{18}H_{18}O_5$ ω -3-Methoxybenzoyl-3:4-dimethoxyacetophenone (BRADLEY and ROBINSON), 2366.
- $C_{18}H_{18}O_7$ Veratric anhydride (ALLAN and ROBINSON), 2334.
- $C_{18}H_{20}O_3$ Piperonylidene-*dl*-piperitone (EARL and READ), 2075.
- $C_{18}H_{20}O_2$ Anisylidene-*dl*-piperitone (EARL and READ), 2073.
- $C_{18}H_{26}O_8$ Ethyl dicarboxycyclopent-nylmalonate (INGOLD, SHOPPEE, and THORPE), 1487.
- $C_{18}H_{30}O_2$ Trimethylbicyclohexyl-5:5'-dione (BAKER), 669.
- $C_{18}H_{32}O_2$ Stearolic acid, hydration of (G. M. and R. ROBINSON), 2205.
- $C_{18}H_{34}O_2$ Elaidic acid and Oleic acid, oxidation of (HILDITCH), 1828.
Oleic acid, potassium salt, equilibria of potassium chloride, water, and (MCBAIN and ELFORD), 421.
- $C_{18}H_{34}O_3$ 9-Ketostearic acid (G. M. and R. ROBINSON), 2207.
- $C_{18}H_{34}O_4$ Dihydroxystearic acids, isomerism of (HILDITCH), 1828.

18 III

- $C_{18}H_{11}O_5Br$ Piperonylidene-6:7-methylenedioxy-1-hydrindone (HAWORTH, PERKIN, and STEVENS), 1768.
- $C_{18}H_{12}O_4N_2$ Phthalbromomethylimide (BALABAN), 572.
- $C_{18}H_{14}ON_6$ 2-Hydroxy-5-phenylazobenzene (BELL and KENYON), 3045.
- $C_{18}H_{15}O_2N_3$ *N*-*o*-Nitrophenylbenzidine (TUCKER), 3035.
- $C_{18}H_{15}O_6N_2$ 1-Acetoxy-3-(4'-nitrophenyl)-1:3-dihydrophthalazine-4-acetic acid (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 701.
- $C_{18}H_{16}O_2N_2$ 3:4'-Diacetylaminotolane (HARRISON), 1237.
- $C_{18}H_{16}O_6S_4$ 3:7-Dimethoxy-2:6-diacetoxythianthren disulphide (SEN and RÂY), 1141.
- $C_{18}H_{14}O_8N_2$ Ethyl β -dinitrodiphenate (CHRISTIE, HOLDERNESS, and KENNER), 673.
Ethyl 2:2'-dinitrodiphenyl-3:3'-dicarboxylate (BURTON, HAMMOND, and KENNER), 1804.
- $C_{18}H_{14}O_8N_4$ Anhydrohydrastinine-2:4:6-trinitrotoluene, and its hydrochloride (ROBINSON and WEST), 1987.
- $C_{18}H_{17}O_6N$ *iso*Nitroso-3:4-dimethoxyphenyl 3:4-methylenedioxy-*p*-phenylethyl ketone (CAMPBELL, HAWORTH, and PERKIN), 38.
- $C_{18}H_{17}O_6Cl$ 7-Methoxy-4-phenyl-2:3-dimethylbenzopyrylium perchlorate (HEILBRON and ZAKI), 1904.
- $C_{18}H_{18}ON_4$ 5-Cinnamylideneamino- β -*isopropyl*-1:2:4-triazole (REILLY and DRUMM), 1733.
- $C_{18}H_{18}O_2N_2$ 3:4'-Diacetylaminostilbene (HARRISON), 1236.
- $C_{18}H_{18}O_5N_2$ Acetylaminophenyl acetylaminobenzyl ketones (HARRISON), 1238.
- $C_{18}H_{18}O_5N_2$ 2-Nitro-4-acetylamino-3':4'-dimethoxystilbene (ASHLEY), 2805.
- $C_{18}H_{18}N_3Cl$ 4-Anilino-2-phenyldimethylpyrimidinium chloride (FORSYTH and PYMAN), 2509.
- $C_{18}H_{18}N_3I$ 4-Anilino-2-phenyldimethylpyrimidinium iodide (FORSYTH and PYMAN), 2508.
- $C_{18}H_{19}ON$ β -Phenyl- $\Delta\beta$ -hexenoic anilide (JOHNSON and KON), 2755.
 β -*iso*Propylcinnamanilide (JOHNSON and KON), 2757.
- $C_{18}H_{19}O_2N$ Ethyl β -5-acenaphthylaminocrotonate (NAIR and SIMONSEN), 3142.
- $C_{18}H_{19}O_4N_3$ 1-Acetoxy-3-(4'-aminophenyl)tetrahydrophthalazine-4-acetic acid (ROWE, LEVIN, BURNS, DAVIES, and TEPPER), 702.
- $C_{18}H_{20}O_2N_2$ 3:4'-Diacetylaminodibenzyl (HARRISON), 1236.
- $C_{18}H_{20}O_3N_4$ Acetophenone δ -carbethoxyanilinosemicarbazone (BAIRD and WILSON), 2375.

- $C_{18}H_{21}O_2N$ Neopine, constitution of, and its hydrobromide (VAN DUIN, ROBINSON, and SMITH), 903.
- $C_{18}H_{22}ON_2$ 2-Hydroxy-5-isoamylbenzaldehyde phenylhydrazone (HENRY and SHARP), 2438.
- $C_{18}H_{22}ON_4$ Benzylacetone δ -methylanilinosemicarbazone (BAIRD and WILSON), 2374.
- $C_{18}H_{22}O_2N_2$ Substance and its potassium salt, from β -phenylhydroxylamine and acetone (BANFIELD and KENVON), 1621.
- $C_{18}H_{22}N_2S$ 2-*n*-Heptylamino- β -naphthathiazole (DYSON, HUNTER, and SOYKA), 2969.
- $C_{18}H_{23}ON_3$ Semicarbazone of substance $C_{17}H_{20}O$ (FARROW and KON), 2135.
- $C_{18}H_{23}O_4N$ *cycloHexanespirocyclohexan-3-ol p*-nitrobenzoate (NORRIS), 250.
- $C_{18}H_{23}O_5N$ Cryptopine, synthesis of (HAWORTH and PERKIN), 1769.
- Dihydroxydihydrocodeine (CAHN and ROBINSON), 910.
- $C_{18}H_{24}N_2S$ *s*- α -Naphthyl-*n*-heptylthiocarbamide (DYSON, HUNTER, and SOYKA), 2969.
- $C_{18}H_{26}O_6N_2$ Benzoquinone derivatives of butyl glycines (MORGAN), 80.
- $C_{18}H_{29}O_7N_2$ Ethyl ω -4-carbethoxy-2-ketocyclopentylmethylsuccinate semicarbazone (INGOLD and SHOPPÉE), 1917.

18 IV

- $C_{18}H_{11}O_5N_2Cl$ 4-Chloro-2:3'-dinitro-4'-phenoxydiphenyl (LE FÈVRE and TURNER), 2048.
- $C_{18}H_{11}O_5N_2Br$ 4-Bromo-2:3'-dinitro-4'-phenoxydiphenyl (LE FÈVRE and TURNER), 2047.
- $C_{18}H_{12}O_4N_2Cl$ 4-Chloro-2:3'-dinitro-4'-anilindiphenyl (LE FÈVRE and TURNER), 2047.
- $C_{18}H_{12}O_4N_2Br$ 4-Bromo-2:3'-dinitro-4'-anilindiphenyl (LE FÈVRE and TURNER), 2047.
- $C_{18}H_{15}O_3Cl_4Fe$ 2:3-Indeno(1:2)dimethoxybenzopyrylium ferrichlorides (PERKIN, RAY, and ROBINSON), 951.
- $C_{18}H_{17}ON_3S$ 2:4-Diketo-3:5-diphenyltetrahydrothiazole-2-isopropylidenehydrazone (STEPHEN and WILSON), 2534.
- $C_{18}H_{17}O_2N_4I$ Substance, from quinaldine ethiodide and *p*-nitrophenylnitrosoamine (HUMPHRIES), 376.
- $C_{18}H_{17}O_2Cl_4Fe$ 7-Methoxy-4-phenyl-2:3-dimethylbenzopyrylium ferrichloride (HEILBRON and ZAKI), 1904.
- $C_{18}H_{17}O_4Cl_4Fe$ Trimethoxyflavylium ferrichlorides (ROBERTSON and ROBINSON), 1954.
- $C_{18}H_{18}O_2NCl$ 4-Chloro-2-acetylamino-3':4'-dimethoxystilbene (ASHLEY), 2806.
- $C_{18}H_{19}O_2N_4I$ 2-Formyl-6-methylquinoline *p*-nitrophenylhydrazone (HUMPHRIES), 376.
- $C_{18}H_{20}O_2N_2S_2$ 2-Acetylamino-5-tolyl 5-disulphide (CHILD and SMILES), 2700.
- $C_{18}H_{20}O_4N_2S_2$ 2-Acetylamino-5-tolyl 5-disulphoxide (CHILD and SMILES), 2701.
- Dicarbethoxyaminodiphenyl *p*-disulphide (CHILD and SMILES), 2698.
- $C_{18}H_{20}O_6N_2S_2$ Dicarbethoxyaminodiphenyl *p*-disulphoxide (CHILD and SMILES), 2698.
- $C_{18}H_{20}O_6N_4S$ 6'-Nitromethoxyethoxyphenyl-4:5-thiotriazocatechol methyl ethyl ether (ALLAN and ROBINSON), 379.
- $C_{18}H_{22}N_2Br_{14}S$ 2-*n*-Heptylamino- β -naphthathiazole tetradecabromide (DYSON, HUNTER, and SOYKA), 2969.
- $C_{18}H_{44}N_{18}S_6Cu_2$ Tetraaminopropanetricupric hexathiocyanate (MANN), 2685.

18 V

- $C_{18}H_{15}ONBr_2S_2$ 2:5-Dibromophenyl 4-acetylamino-naphthyl disulphide (CHILD and SMILES), 2701.

C₁₉ Group.

- C₁₉H₁₄O₄** Δ^1 -*cyclo*H α xenylmalonic acid (KON and SPEIGHT), 2733.
C₁₉H₁₆N 4-Benzylideneaminodiphenyl (BELL and KENYON), 2707.
C₁₉H₁₆O₇ Diacetyl- ω -benzoyloxyresacetophenone (HEAP and ROBINSON), 2338.
C₁₉H₁₈O₄ 2-*m*-Methoxybenzylidene-5:6-dimethoxy-1-hydrindone (PERKIN, RAY, and ROBINSON), 950.
C₁₉H₁₈O₅ Dimethoxydihydroxydistyryl ketones (MCGOOKIN and SINCLAIR), 1579.
 5:7:4'-Trimethoxy-2-methylisoflavone (BAKER and ROBINSON), 2718.
C₁₉H₁₈O₆ 2-Veratrylidene-4:6-dimethoxycoumaranone (PERKIN, RAY, and ROBINSON), 951.
C₁₉H₂₀O₅ 3:4-Dimethoxystyryl veratryl ketone (PERKIN, RAY, and ROBINSON), 951.
C₁₉H₂₂O₄ 3-Homoveratryl-7-methoxychroman (PERKIN, RAY, and ROBINSON), 946.
C₁₉H₂₆O₈ Menthyl acetophenone-*o*-carboxylate (RULE and SMITH), 556.
C₁₉H₃₀O₃ 13-Ketononadecoic acid (G. M. and R. ROBINSON), 2207.
C₁₉H₃₈O₂ Propyl palmitate (FEAR and MENZIES), 938.

19 III

- C₁₉H₁₂O₂N** β -Hydroxy- β -(2-carboxy-3:4-dihydroxyphenyl)ethylamine, and its hydrochloride (EDWARDS), 746.
C₁₉H₁₃O₅N 2:3:9:10-Bismethylenedioxyoxyprotoberberine (HAWORTH and PERKIN), 1780.
C₁₉H₁₅ON 4-Benzylideneamino-4'-hydroxydiphenyl (BELL and KENYON), 2712.
C₁₉H₁₅O₄N 2:3:9:10-Bismethylenedioxydihydroprotoberberine, and its hydrochloride (HAWORTH and PERKIN), 1783.
C₁₉H₁₅O₅N 6:7-Methylenedioxy-3-(3':4'-dimethoxybenzoyl)isoquinoline (CAMPBELL, HAWORTH, and PERKIN), 40.
C₁₉H₁₅O₄N *N*- β -Piperonylethyl-3:4-methylenedioxyhomophthalimide (HAWORTH and PERKIN), 1779.
C₁₉H₁₆NS *N*-Phenylbenziminophenyl thioether (CHAPMAN), 2298.
C₁₉H₁₆ON₂ 3-Amino-4-benzoylaminodiphenyl (BELL and KENYON), 2709.
 4-Hydroxyaldehydodiphenyl phenylhydrazone (BELL and KENYON), 3047.
C₁₉H₁₆O₃S 4-*p*-Toluenesulphonyloxydiphenyl (BELL and KENYON), 3049.
C₁₉H₁₇O₄N 2:3:9:10-Bismethylenedioxytetrahydroprotoberberine, and its hydrochloride (HAWORTH and PERKIN), 1780.
 6:7-Methylenedioxy-3-(3':4'-dimethoxybenzyl)isoquinoline, and its picrate (CAMPBELL, HAWORTH, and PERKIN), 41.
C₁₉H₁₇O₄P *m*-Hydroxytriphenylmethylphosphinic acid, and its sodium salt (BOYD and SMITH), 2330.
C₁₉H₁₇O₅N 6-7-Methylenedioxy-3-(α -hydroxy-3':4'-dimethoxybenzyl)isoquinoline and its picrate (CAMPBELL, HAWORTH, and PERKIN), 40.
C₁₉H₁₇O₇N *N*- β -Piperonylethyl-3:4-methylenedioxyhomophthalamic acid (HAWORTH and PERKIN), 1780.
C₁₉H₁₇O₇N₂ Substance, from dehydrogenation of tetracyclosqualene (HARVEY, HEILBRON, and KAMM), 3138.
C₁₉H₁₇N₂S 4'-Aminodiphenylphenylthiocarbamide (LE FÈVRE and TURNER), 2484.
C₁₉H₁₈ON₂ *p*-Hydroxy-*p*'*p*'-diaminotriphenylmethane (DUTT), 1174.
C₁₉H₁₈O₃N₂ Triacetyl-2:7-diaminofluorine (MORGAN and THOMASON), 2695.
C₁₉H₁₈O₅N β -Benzoyloxy- β -(2-carboxy-3:4-dimethoxyphenyl)ethylmethylamine lactone (EDWARDS), 747.
 6:7-Methylenedioxy-3-(3':4'-dimethoxybenzoyl)-1:2:3:4-tetrahydroisoquinoline, and its salts (CAMPBELL, HAWORTH, and PERKIN), 39.

- $C_{19}H_{30}N_2I$ 4-Methylanilino-2-phenyldimethylpyrimidinium iodide (FORSYTH and PYMAN), 2509.
- $C_{19}H_{21}O_4N$ 6:7-Methylenedioxy-3-(3':4'-dimethoxybenzyl)-1:2:3:4-tetrahydroisoquinoline, and its salts (CAMPBELL, HAWORTH, and PERKIN), 41.
- $C_{19}H_{23}O_3N$ 1-1'-Hydroxycyclopentane-1'-carboxyyl-*p*-toluidinocyclopentane-1-carboxylactone (OAKESHOTT and PLANT), 1212.
- $C_{19}H_{23}O_3N_3$ Anhydrocotarnine-2:4-diaminotoluene (ROBINSON and WEST), 1985.
- $C_{19}H_{23}O_3N_5$ Nitrobenzyltriethylammonium picrates (GOSS, INGOLD, and WILSON), 2450.
- $C_{19}H_{24}O_7N_4$ Benzyltriethylammonium picrate (GOSS, INGOLD, and WILSON), 2450.
- $C_{19}H_{29}O_2N$ Dihydrodeoxytetrahydro- α -methylmorphimethine (CAHN), 2567.
- $C_{19}H_{30}IAS$ Dicyclohexylphenylarsine methiodide (ROBERTS, TURNER, and BURY), 1446.
- $C_{19}H_{36}O_2Cl_2$ β -Palmityl dichlorohydrin (WHITBY), 1460.

19 IV

- $C_{19}H_{11}ONI_2$ 3:6-Di-iodo-9-benzoylcarbazole (TUCKER), 549.
- $C_{19}H_{12}ONI$ 3-Iodo-9-benzoylcarbazole (TUCKER), 549.
- $C_{19}H_{11}ONCl$ 10-Hydroxyanthranyl-9-pyridinium chloride (+H₂O) (MATTHEWS), 243.
- $C_{19}H_{14}OCl_2P$ *p*-Chlorotriphenylmethoxyphosphorus dichloride (BOYD and SMITH), 2327.
- $C_{19}H_{14}O_4NCl$ 2:3:9:10-Bismethylenedioxyprotoberberinium chloride (HAWORTH and PERKIN), 1784.
- $C_{19}H_{11}O_4N_3Cl$ 4-Chloro-2:3'-dinitro-4'-methylanilindiphenyl (LE FEVRE and TURNER), 2047.
- $C_{19}H_{14}O_4N_3Br$ 4-Bromo-2:3'-dinitro-4'-methylanilindiphenyl (LE FEVRE and TURNER), 2047.
- $C_{19}H_{14}O_7N_2S$ 3:4'-Dinitro-4-hydroxydiphenyl *p*-toluenesulphonate (BELL and KENYON), 3049.
- $C_{19}H_{15}O_5NS$ 4-*p*-Toluenesulphonyloxy-4'-nitrodiphenyl (BELL and KENYON), 3049.
- $C_{19}H_{16}O_5Cl_4Fe$ 2:3[5:6-Dimethoxyindeno(1:2)]-6:7-methylenedioxybenzopyrylium ferrichloride (PERKIN, RAY, and ROBINSON), 952.
- 2:3-[7-Methoxychromeno(4:3)]-6:7-dimethoxybenzopyrylium ferrichloride (PERKIN, RAY, and ROBINSON), 950.
- $C_{19}H_{16}ONAs$ 10-Benzoyloxy-5:10-dihydrophenarsazine (BURTON and GIBSON), 464.
- $C_{19}H_{16}ON_2S$ Phenyl 4'-aminodiphenylthiocarbamate (LE FEVRE and TURNER), 2483.
- $C_{19}H_{16}O_5ClP$ *p*-Chlorotriphenylmethylphosphinic acid, and its potassium salt (BOYD and SMITH), 2328.
- $C_{19}H_{16}O_3BrP$ *p*-Bromotriphenylmethylphosphinic acid, and its salts (BOYD and SMITH), 2328.
- $C_{19}H_{16}O_4N_2S$ 3-Nitro-4-*p*-toluenesulphonylamindiphenyl (BELL and KENYON), 2708.
- $C_{19}H_{17}O_2NS$ 4-Aminodiphenyl *p*-toluenesulphonate (BELL, KENYON, and ROBINSON), 1246.
- $C_{19}H_{17}O_4Cl_4Fe$ 2:3[5:6-Dimethoxyindeno(1:2)]-8-methoxybenzopyrylium ferrichloride (PERKIN, RAY, and ROBINSON), 953.
- $C_{19}H_{18}ON_4S$ 3-Phenylmethylmethyleneamino-2:4-diketotetrahydrothiazole 2-phenylmethylmethylenehydrazone (STEPHEN and WILSON), 2537.
- $C_{19}H_{18}O_7Cl_4Fe$ 7-Methoxy-4-*p*-anisyl-2:3-dimethylbenzopyrylium ferrichloride (HEILBRON and ZAKI), 1905.

$C_{10}H_{19}O_2Cl_4Fe$ 7-Hydroxy-3:3':4'-trimethoxy-5-methylflavylium ferrichloride (ROBERTSON and ROBINSON), 1955.

Tetramethoxyflavylium ferrichlorides (ROBERTSON and ROBINSON), 1957.

$C_{15}H_{21}O_4NCu$ Quinolino-cupric acetylacetonate (MORGAN and SMITH), 919.

19 V

$C_{12}H_{13}O_2Ni_2S$ 3:6-Di-iodo-9-toluene-*p*-sulphonylcarbazoole (TUCKER), 551.

$C_{15}H_{14}OCl_2BrP$ *p*-Bromotriphenylmethoxyphosphorus dichloride (BOYD and SMITH), 2328.

$C_{10}H_{14}O_3NCl_2P$ *p*-Nitrotriphenylmethoxyphosphorus dichloride (BOYD and SMITH), 2332.

$C_{15}H_{16}ON_2SbSe$ Triphenylstibine hydroxyselenocyanate (CHALLENGER, PETERS, and HALÉVY), 1653.

C₂₀ Group.

$C_{20}H_{13}Br$ 10-Bromo-9-phenylanthracene (COOK), 2168.

$C_{20}H_{14}O_6$ α -Furoylpiperonylcarbonyl benzoate (GREENE), 335.

α -Furylcarbonylpiperonyl benzoate (GREENE), 335.

$C_{20}H_{16}O_7$ 3:7-Diacetoxy-4'-methoxyflavone (HEAP and ROBINSON), 2339.

5-Hydroxy-7:4'-diacetoxy-2-methylisoflavone (BAKER and ROBINSON), 2717.

$C_{20}H_{18}O_7$ 7-Acetoxy-3:3':4'-trimethoxyflavone (ALLAN and ROBINSON), 2335.

$C_{20}H_{20}O_5$ 2':3':5:6-Tetramethoxy-2-benzylidene-1-hydrindone (PERKIN, RÂY, and ROBINSON), 953.

$C_{20}H_{22}O_3$ Ethyl dibenzylacetoacetate, reduction of (HILL), 956.

$C_{20}H_{22}O_7$ 3:4:5-Trimethoxyphenyl 2-hydroxy-4:6-dimethoxystyryl ketone (GATEWOOD and ROBINSON), 1963.

$C_{20}H_{24}O_5$ Opianylidene-*dl*-piperitone, and its calcium salt (EARL and READ), 2076.

$C_{20}H_{28}Sn$ Dibenzylethylbutylstannane (LAW), 3243.

20 III

$C_{20}H_9O_6N_5$ Quinoxaline derivative of 2:4:7-trinitrophenanthraquinone (CHRISTIE and KENNER), 473.

$C_{20}H_{10}O_8N_6$ Quinoxaline derivative of tetranitrobenzil (CHRISTIE and KENNER), 475.

$C_{20}H_{13}O_3N$ Anilinohydroxy-4:9-anthraquinone (GREEN), 1433.

$C_{20}H_{15}O_4N_3$ 2:2'-Dinitronaphthylamine (HODGSON and KILNER), 8.

$C_{20}H_{15}OS$ 1- β -Naphthylthiol-2-naphthol (BROOKER and SMILES), 1728.

$C_{20}H_{14}OS_2$ 2-Benzoyl-2-phenyl-1:3-benzdithiole (HURTLEY and SMILES), 2267.

$C_{20}H_{14}O_2N_2$ Phthalylbenzidine, and its sulphate (LE FÈVRE and TURNER), 2482.

$C_{20}H_{14}O_8Cu$ Cupribenzoylpyruvic acid, strychnine salt (MILLS and GOTTS), 3130.

$C_{20}H_{14}O_8Zn$ Zincibenzoylpyruvic acid, brucine salt (MILLS and GOTTS), 3131.

$C_{20}H_{14}N_2S$ Benzylidenethiocarbonylbenzidine (LE FÈVRE and TURNER), 2483.

$C_{20}H_{16}O_4Br$ 7-Methoxy-3-(6'-bromohomopiperonyl)-2-methyl-1:4-benzopyrone (BAKER), 1076.

$C_{20}H_{16}N_4Br_2$ ω -Benzylidenehydrazinobenzaldehyde-2:4-dibromophenylhydrazone (CHATTAWAY and PARKES), 115.

$C_{20}H_{17}O_3N_3$ *N*-Acetyl-*N'*-*o*-nitrophenylbenzidine (TUCKER), 3035.

$C_{20}H_{17}O_8Be$ Beryllibenzoylpyruvic acid, salts of (MILLS and GOTTS), 3126.

$C_{20}H_{18}ON_4$ Benzylidene δ -diphenylaminosemicarbazide (BAIRD and WILSON), 2375.

$C_{20}H_{19}ON$ 9-Benzoyl-6-methyltetrahydrocarbazoole (MANJUNATH and PLANT), 2263.

$C_{20}H_{19}O_3P$ Diphenyl-*p*-tolylmethylphosphinic acid, and its potassium salt (BOYD and SMITH), 2333.

- C₂₀H₁₉O₄N** Anhydrodihydroprotopine (HAWORTH and PERKIN), 1782.
2:3-Methylenedioxy-11:12-dimethoxy-6:17- or -6:15-dihydroparaberine, and its salts (CAMPBELL, HAWORTH, and PERKIN), 42.
- C₂₀H₁₉O₄P** *m*-Methoxytriphenylmethylphosphinic acid (BOYD and SMITH), 2330.
- C₂₀H₁₉O₅N** Anhydrodihydroprotopine oxide (HAWORTH and PERKIN), 1782.
- C₂₀H₁₉O₄N** *N*- β -Veratrylethylmethylenedioxyhomophthalimides (HAWORTH and PERKIN), 1776.
- C₂₀H₁₉O₄N** Methyl *N*- β -piperonylethyl-3:4-methylenedioxyhomophthalamate (HAWORTH and PERKIN), 1780.
- C₂₀H₂₁O₄N** *dl*-Dicentrine, resolution of (HAWORTH, PERKIN, and RANKIN), 29.
2:3-Methylenedioxy-11:12-dimethoxy-6:15:16:17-tetrahydroparaberine, and its salts (CAMPBELL, HAWORTH, and PERKIN), 41.
- C₂₀H₂₁O₄N₂** Piperidine 3:4'-dinitrophenylcinnamates (HARRISON and WOOD), 580.
- C₂₀H₂₁O₇N** *N*- β -Veratrylethyl-3:4-methylenedioxyhomophthalamic acid (HAWORTH and PERKIN), 1776.
- C₂₀H₂₁O₄N₂** Anhydrocotarnine-2:4-dinitro-3-methoxytoluene, and its hydrochloride (ROBINSON and WEST), 1986.
- C₂₀H₂₃O₃N** 6:7-Dimethoxy-1-(β -dimethylaminoethyl)phenanthrene, and its hydrochloride (ROBINSON and SHINODA), 1994.
- C₂₀H₂₃O₄N₂** Anhydrocotarnine-2-nitro-4-amino-3-methoxytoluene (ROBINSON and SHINODA), 1991.
- C₂₀H₂₃O₇N₂** Anhydrolaudalaine-2:4-dinitro-3-methoxytoluene, and its hydrochloride (ROBINSON and SHINODA), 1990.
- C₂₀H₂₄O₃N₂** Acetyl derivative of condensation product from β -phenylhydroxylamine and acetone (BANFIELD and KENYON), 1621.
- C₂₀H₂₅O₅N₂** Anhydrolaudalaine-2-nitro-4-amino-3-methoxytoluene (ROBINSON and SHINODA), 1990.
- C₂₀H₂₅O₃N₄** Diacetylamino tetramethylbenzidines (BELL and KENYON), 2711.
- C₂₀H₂₆BrAs** *cyclo*Hexylphenylbenzylmethylarsonium bromide (ROBERTS, TURNER, and BURY), 1447.
- C₂₀H₂₇O₃N** Methyl dihydrothebainonemethine (CAHN), 2569.
- C₂₀H₂₇O₃N₂** Anhydrolaudalaine-2:4-diamino-3-methoxytoluene, and its dihydrochloride (ROBINSON and SHINODA), 1990.
- C₂₀H₂₉O₃N** Dihyromethyl dihydrothebainonemethine (CAHN), 2570.
- C₂₀H₃₀O₂N₄** Methyl dihydrothebainonemethine semicarbazone (+ H₂O) (CAHN), 2569.
- C₂₀H₃₂IAS** *Dicyclo*hexylphenylarsine ethiodide (ROBERTS, TURNER, and BURY), 1446.
- C₂₀H₃₆O₂N₄** Trimethyl*bicyclo*hexyl-5:5'-dione disemicarbazone (BAKER), 669.

20 IV

- C₂₀H₁₁NCl₄S₂** Bis-2:5-dichlorophenylthiophenylacetonitrile (BROOKER and SMILES), 1726.
- C₂₀H₁₃NClAs** Chlorodihydrodibenzphenarsazines (BURTON and GIBSON), 462.
- C₂₀H₁₄ON₂S** Salicylidene thiocarbonylbenzidine (LE FEVRE and TURNER), 2483.
- C₂₀H₁₆O₂N₅Br₂** ω -*p*-Nitrobenzylidenehydrazinobenzaldehyde-2:4-dibromophenylhydrazone (CHATTAWAY and PARKES), 115.
- C₂₀H₁₆O₄N₂S₂** 1:4-Di-*p*-toluenesulphonyl-2:5-dimethylpiperazines (KIPPING and POPE), 1078.
- C₂₀H₁₇OCl₂P** Diphenyl-*p*-tolylmethoxyphosphorus dichloride (BOYD, SMITH, and TULLY), 2332.
- C₂₀H₁₇O₂Cl₂P** Diphenylanisylmethoxyphosphorus dichlorides (BOYD and SMITH), 2329.

- $C_{20}H_{19}O_2NS$ *p*-Toluenesulphonyl derivative of 4-methylaminodiphenyl (BELL, KENYON, and ROBINSON), 1245.
- $C_{20}H_{19}O_3N_2Cl$ Substance, from phosphoryl chloride and 4-chloro-2:6'-diacetyl-amino-3':4'-dimethoxystilbene (ASHLEY), 2807.
- $C_{20}H_{19}O_5Cl_4Fe$ 2:3[5:6-Dimethoxyindeno(1:2)]dimethoxybenzopyrylium ferrichlorides (PERKIN, RAY, and ROBINSON), 952.
- $C_{20}H_{20}O_4NCl$ *iso*Dihydroprotopine chlorides (HAWORTH and PERKIN), 1781.
- $C_{20}H_{21}O_4N_2Cl$ 4-Chloro-2:6'-diacetyl-amino-3':4'-dimethoxystilbene (ASHLEY), 2806.
- $C_{20}H_{21}O_5Cl_4Fe$ 5:7:3':4':5'-Pentamethoxyflavylium ferrichloride (GATEWOOD and ROBINSON), 1964.
- $C_{20}H_{22}O_6NCl$ 7-Methoxy-4-*p*-dimethylaminophenyl-2:3-dimethylbenzopyrylium perchlorate (HEILBRON and ZAKI), 1906.
- $C_{20}H_{28}O_3NI$ Methyl-dihydrothebainonemethine hydriodide (CAHN), 2569.
- $C_{20}H_{30}O_2NI$ Methyldeoxytetrahydro- α -methylmorphimethine hydriodide (CAHN), 2566.
- $C_{20}H_{30}O_3NI$ Dihydromethyl-dihydrothebainonemethine hydriodide (CAHN), 2570.
- $C_{20}H_{32}O_2NI$ Dihydrodeoxytetrahydro- α -methylmorphimethine methiodide (CAHN), 2567.
- Methyl-dihydrodeoxytetrahydro- α -methylmorphimethine hydriodide (CAHN), 2571.

20 V

- $C_{20}H_{32}O_6NS_2As_2$ Disilver dithiolcamphor argentinitrate (DRUMMOND and GIBSON), 3076.

C₂₁ Group.

- $C_{21}H_{12}O_6$ 2-Benzoylanthrapurpurin (GREEN), 2201.
- $C_{21}H_{13}Br_3$ 10-Bromo-9-benzylanthracene tetrabromide (COOK), 2167.
- $C_{21}H_{14}O_2$ Substance, from benzylideneanthrone dibromide and silver oxide (COOK), 2171.
- $C_{21}H_{15}Cl$ 10-Chloro-9-benzylanthracene (COOK), 2168.
- $C_{21}H_{16}Br$ 10-Bromo-9-benzylanthracene (COOK), 2166.
- $C_{21}H_{17}N$ Dihydroanthraphenone ketimine (COOK), 1682.
- $C_{21}H_{18}O$ *d*- and *l*-Benzyldeoxybenzoïn (MCKENZIE, ROGER, and WILLS), 788.
- $C_{21}H_{18}O_7$ 5:7-Diacetoxy-4'-methoxy-2-methylisoflavone (BAKER and ROBINSON), 2717.
- $C_{21}H_{18}O_9$ Triacetyl- ω -benzoyloxyphloracetophenone (HEAP and ROBINSON), 2340.
- $C_{21}H_{23}N_3$ *p*-Dimethylamino-*p'**p''*-diaminotriphenylmethane (DUTT), 1175.

21 III

- $C_{21}H_{11}N_2Cl_3$ 1:3:4-Trichloro-2-methylbenzophenanthrazine (DAVIES and LEEPER), 1419.
- $C_{21}H_{12}N_2Cl_2$ 1:3-Dichloro-2-methylbenzophenanthrazine (DAVIES and LEEPER), 1416.
- $C_{21}H_{13}OCl$ 10-Chloroanthraphenone (COOK), 1286.
- $C_{21}H_{13}OBr$ 10-Bromoanthraphenone (COOK), 1285.
- $C_{21}H_{14}OCl_2$ 9:10-Dichloro-9:10-dihydroanthraphenone (COOK), 1286.
- $C_{21}H_{14}O_5N_2$ 9:10-Dinitro-9:10-dihydroanthraphenone (COOK), 1286.
- $C_{21}H_{15}O_2N$ 10-Nitro-9-benzylanthracene (COOK), 2169.
- $C_{21}H_{15}O_3N$ *p*-Toluidinohydroxyanthraquinone (GREEN), 1434.
- $C_{21}H_{15}O_4Cl$ 3:4':6'-Trihydroxy-9-styrylxanthylium chloride (+H₂O) (ATKINSON and HEILBRON), 682.
- $C_{21}H_{16}ON_2$ 3-Benzoylamino-2-phenylindole (ROBINSON and THORNLEY), 3145.
- $C_{21}H_{17}ON$ Dihydroanthraphenone oxime (COOK), 1682.

- C₂₁H₁₇O₃N** 9-Hydroxy-10-nitro-9-benzyl-9:10-dihydroanthracene (COOK), 2168.
C₂₁H₁₈O₂N₂ Benzoylaminoacetylaminodiphenyls (BELL and KENYON), 2709.
C₂₁H₁₈O₃N₂ *o*-Benzoylmethylaminophenylurethane (CLARK), 235.
C₂₁H₁₈O₂N₄ Trinitrotribenzylamine (GOSS, INGOLD, and WILSON), 2457.
C₂₁H₁₈ON Benzoyl-2-methyl-1:2 3:4-tetrahydro- α -naphthaquinoline (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2252.
C₂₁H₁₈ON₂ ω -Benzoylaminoacetophenone phenylhydrazone (ROBINSON and THORNLEY), 3145.
C₂₁H₁₉NS Thiobenzoyldi-*p*-tolylamine (CHAPMAN), 2298.
N-p-Tolylbenzimidino-*p*-tolyl thioether (CHAPMAN), 2298.
C₂₁H₂₀ON₄ Acetophenone- δ -diphenylaminosemicarbazone (BAIRD and WILSON), 2375.
C₂₁H₂₀O₄N₂ Tetra-acetyl-2:7-diaminofluorene (MORGAN and THOMASON), 2695.
C₂₁H₂₂O₄N₂ 6:7-Dimethoxy-1-(3':4'-methylenedioxy- ω -cyanobenzyl)-2-methyltetrahydroisoquinoline (EDWARDS), 744.
C₂₁H₂₃O₅N Anhydrodihydrocryptopine oxide, and its hydrochloride (HAWORTH and PERKIN), 1779.
 Anhydrotetrahydromethylberberine oxide, and its hydrochloride (HAWORTH and PERKIN), 449.
C₂₁H₂₃O₇N Methyl *N*- β -veratrylethyl-3:4-methylenedioxyhomophthalamate (HAWORTH and PERKIN), 1776.
C₂₁H₂₃O₂N₃ Anhydrocotarnine-2:6-dinitrohomoveratrole (GRAESSER-THOMAS, GULLAND, and ROBINSON), 1976.
C₂₁H₂₅O₆N₂ Ethyl 4-(*m*-nitro-*p*-dimethylaminophenyl)-2:6-dimethylpyridine-3:5-dicarboxylate (HINKEL and MADEL), 163.
C₂₁H₂₇O₆N₃ Ethyl 4-(*m*-nitro-*p*-dimethylaminophenyl)-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylate (HINKEL and MADEL), 163.
C₂₁H₂₇O₃N₄ Dihydromethylidihydrothebainonemethine semicarbazone (CAHN), 2570.
C₂₁H₄₀O₂Cl₂ β -Stearyl dichlorohydrin (WHITBY), 1460.

21 IV

- C₂₁H₁₈O₂N₂Ni** Nickel ethylenediaminobisacetylacetone (MORGAN and SMITH), 920.
C₂₁H₂₆O₂N₂Br Ethyl 4-(*m*-bromo-*p*-dimethylaminophenyl)-2:6-dimethylpyridine-3:5-dicarboxylate (HINKEL and MADEL), 163.
C₂₁H₂₆O₄NI Acetylneopine methiodide (VAN DUIN, ROBINSON, and SMITH), 906.
C₂₁H₂₇O₂N₂Br Ethyl 4-(*m*-bromo-*p*-dimethylaminophenyl)-2:6-dimethyl-1:4-dihydropyridine-3:5-dicarboxylate (HINKEL and MADEL), 162.
C₂₁H₂₇O₄NS *isoo**p* Morphine dimethyl ether methosulphate (ROBINSON and SHINODA), 1994.

21 V

- C₂₁H₁₁ONCl₄S₂** 5:7-Bis-2':5'-dichlorophenylthiol-8-hydroxyquinoline (BROOKER and SMILES), 1729.

C₂₂ Group.

- C₂₂H₁₈O₄** Methoxybenzoylbenzoins (GREENE), 328.
 Triacetyl-2-methylgenistein (BAKER and ROBINSON), 2717.
C₂₂H₁₈O₆ Triacetylkaempferide (HEAP and ROBINSON), 2341.
C₂₂H₂₀O₂ 5:7-Diacetoxy-3:3':4'-trimethoxyflavone (ALLAN and ROBINSON), 2336.
C₂₂H₂₀O₁₁ *p*-Ethylcarbonato-*m*-methoxybenzoic anhydride (HEAP and ROBINSON), 2344.

- $C_{22}H_{33}N$ *apo*Conessine, and its salts (KANGA, AYYAR, and SIMONSEN), 2125.
 $C_{22}H_{41}O_3$ 10-Ketobehenic acid (G. M. and R. ROBINSON), 2203.

22 III

- $C_{22}H_{15}O_3Cl$ 3':4'-Methylenedioxy-9-styrylxanthylium chloride, and its zinc chloride double salt (ATKINSON and HEILBRON), 682.
 $C_{22}H_{15}O_5Cl$ 3:6-Dihydroxy-4':5'-methylenedioxy-9-styrylxanthylium chloride (ATKINSON and HEILBRON), 683.
 $C_{22}H_{17}O_2Cl$ 4'-Methoxy-9-styrylxanthylium chloride, and its ferrichloride (ATKINSON and HEILBRON), 681.
 $C_{22}H_{17}O_3Cl$ 4'-Hydroxy-3'-methoxy-9-styrylxanthylium chloride (ATKINSON and HEILBRON), 682.
 $C_{22}H_{17}O_4Cl$ 3:6-Dihydroxy-4'-methoxy-9-styrylxanthylium chloride (+ H_2O) (ATKINSON and HEILBRON), 683.
 4'-Hydroxy-9-styrylxanthylium chloride (ATKINSON and HEILBRON), 680.
 $C_{22}H_{19}O_5Cl$ 3:4':6-Trihydroxy-5'-methoxy-9-styrylxanthylium chloride (ATKINSON and HEILBRON), 683.
 $C_{22}H_{18}O_4N_4$ 1-Hydroxy-3-(4'-nitrophenyl)-1:3-dihydrophthalazine-4-acetanilide (KOWE, LEVIN, BURNS, DAVIES, and TEPPER), 702.
 $C_{22}H_{19}NS_2$ Di-*p*-tolylthiolphenylacetoneitrile (BROOKER and SMILES), 1726.
 $C_{22}H_{22}ON_4$ Dibenzyl ketone δ -anilinosemicarbazone (BAIRD and WILSON), 2373.
 $C_{22}H_{23}O_7N_4$ Dibenzyl dimethylammonium picrate (GOSS, INGOLD, and WILSON), 2462.
 $C_{22}H_{23}O_3N$ Narcotine oxide (DRUMMOND and McMILLAN), 2704.
 $C_{22}H_{23}O_4Cl$ 4'- β -Glucosidoxy-7-hydroxy-3-methoxyflavylium chloride (+ $\frac{1}{2}H_2O$) (ROBERTSON and ROBINSON), 1717.
 $C_{22}H_{25}O_7N_3$ Anhydrocotarnine-2-nitro-4-acetylamino-3-methoxytoluene (ROBINSON and SHINODA), 1992.
 $C_{22}H_{25}O_9N$ Hydroxy-acid, and its salts, from narcotine oxide (DRUMMOND and McMILLAN), 2704.
 $C_{22}H_{26}O_4N_4$ 4:4'-Dipiperidino-3:5'-dinitrodiphenyl (LE FÈVRE and TURNER), 1764.
 $C_{22}H_{27}O_6N_3$ Anhydrolaudaline-2-nitro-4-acetylamino-3-methoxytoluene (ROBINSON and SHINODA), 1991.
 $C_{22}H_{29}O_4N_3$ Anhydrolaudaline-2-amino-4-acetylamino-3-methoxytoluene (+ H_2O) (ROBINSON and SHINODA), 1993.
 $C_{22}H_{31}O_2N$ Cubebol phenylurethane (HENDERSON and ROBERTSON), 2815.

22 IV

- $C_{22}H_{12}OCl_4S_2$ 2:4-Bis-2':5'-dichlorophenylthiol-1-naphthol (BROOKER and SMILES), 1728.
 $C_{22}H_{14}O_2Cl_4S_2$ Ethyl bis-2:5-dichlorophenylthiolphenylacetate (BROOKER and SMILES), 1726.
 $C_{22}H_{31}O_2NBr_2$ Cubebol phenylurethane dibromide (HENDERSON and ROBERTSON), 2815.

C_{23} Group.

- $C_{23}H_{16}O_3$ Acetate of substance $C_{21}H_{14}O_2$ (COOK), 2171.
 $C_{23}H_{18}O_2$ 9-Benzylanthranyl 10-acetate (COOK), 2165.
 Dihydroanthraphenone acetate (COOK), 1682.
 $C_{23}H_{24}N_2$ *leuco*-3:6-Tetramethyldiamino-9-phenylfluorene (DUTT), 1181.
 $C_{23}H_{27}N_3$ Substance, from α -picoline and Michler's hydrol (HUMPHRIES), 375.
 $C_{23}H_{28}O_{12}$ *p*-Tetra-acetyl- β -glucosidoxy- ω -methoxyacetophenone (ROBERTSON and ROBINSON), 1716.

$C_{22}H_{34}O_{11}$ Ethyl ω -1:3:4-tricarbethoxy-2-keto-cyclopentylmethylsuccinates (INGOLD and SHOPPEE), 1916.

23 III

$C_{22}H_{19}O_2N_2$ 3-Methoxy-2-ethoxyphenanthraphenazine (ALLAN and ROBINSON), 379.

$C_{22}H_{19}O_2P$ Diphenylnaphthylmethylphosphinic acids, and their salts (BOYD and SMITH), 2331.

$C_{22}H_{19}O_4N$ 4-Acetylbenzoylamino-4'-acetoxydiphenyl (BELL and KENYON), 2713.

$C_{22}H_{21}ON$ Benzoyl-2-methyl-1:2:3:4-tetrahydroacenaphthpyridine (NAIR and SIMONSEN), 3142.

$C_{22}H_{21}O_3N_3$ *p*-Nitrobenzylideneacetyl*isopropylidenebenzidine* (DENNETT and TURNER), 481.

$C_{22}H_{20}O_2Cl$ 4'- β -Glucosidoxy-7-hydroxy-3-methoxy-5-methylflavylium chloride (+ $1\frac{1}{2}H_2O$) (ROBERTSON and ROBINSON), 1719.

$C_{22}H_{21}O_5N_2$ Anhydrocotarnine-2:4-diacetylaminotoluene (ROBINSON and WEST), 1985.

23 IV

$C_{23}H_{17}OCl_2P$ Diphenylnaphthylmethoxyphosphorus dichlorides (BOYD and SMITH), 2330.

$C_{23}H_{19}ONS_2$ 5:7-Di-*p*-tolylthiol-8-hydroxyquinoline (BROOKER and SMILES), 1729.

$C_{23}H_{20}O_2NCl$ 3:6-Dihydroxy-4'-dimethylamino-9-styrylxanthylium chloride (+ H_2O) (ATKINSON and HEILBRON), 683.

$C_{23}H_{21}O_4N_2I$ Dehydro-anhydrolaudaline-4-acetylamino-3-methoxytoluene methiodide (ROBINSON and SHINODA), 1994.

 C_{24} Group.

$C_{24}H_{12}N_6$ Phenazineazineazine (DUTT), 1180.

$C_{24}H_{16}N_2$ 3:3'-Dicarbazyl (TUCKER), 3037.

$C_{24}H_{16}N_6$ 4:4'-Di-1'':2'':3''-benzotriazolyldiphenyl (TUCKER), 3036.

$C_{24}H_{18}O_6$ 5:7-Dihydroxy-4'-methoxy-2-styryl*isoflavone* (BAKER and ROBINSON), 2718.

$C_{24}H_{19}N_7$ Benzeneazobenzeneazobenzeneazoaniline (DUTT), 1177.

$C_{24}H_{20}O_2$ 1- α -Naphthyl-2:2-diphenylethylene glycol (MCKENZIE and DENNLER), 1601.

$C_{24}H_{20}O_{11}$ Tetra-acetyl*isorhamnetin* (HEAP and ROBINSON), 2343.

$C_{24}H_{22}N_4$ *NN'*-Di-*o*-aminophenylbenzidine, and its dihydrochloride (TUCKER), 3036.

$C_{24}H_{34}O_{16}$ Hepta-acetyl methylmaltoside (IRVINE and BLACK), 874.

$C_{24}H_{32}O_{11}$ Heptamethyl methylmaltoside (IRVINE and BLACK), 870.

$C_{24}H_{40}N_2$ Conessine (KANGA, AYYAR, and SIMONSEN), 2123.

24 III

$C_{24}H_{18}O_6N_2$ 3:3'-Dinitro-4:4'-diphenoxydiphenyl (LE FÈVRE and TURNER), 2048.

$C_{24}H_{18}ON_6$ Benzeneazobenzeneazobenzeneazophenol (DUTT), 1177.

$C_{24}H_{18}O_2Te_2$ *pp'*-Diphenoxydiphenyl ditelluride (DREW), 228.

$C_{24}H_{18}O_4N_4$ 3:3'-Dinitro-4:4'-dianilinodiphenyl (LE FÈVRE and TURNER), 2048.

Di-*o*-nitrophenylbenzidine (TUCKER), 3034.

$C_{24}H_{18}O_7Te_2$ Phenoxtellurone (DREW), 3069.

$C_{24}H_{18}O_8N_2$ Di- ω -6-nitropiperonyl*isobutyrophenone* (PERKIN, RAY, and ROBINSON), 947.

$C_{24}H_{18}N_2As_2$ 10:10'-Bis-5:10-dihydrophenarsazine (BURTON and GIBSON), 2246.

$C_{24}H_{20}ON_2$ β -1-Naphthylaminocrotono-1-naphthylamide (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2253.

$C_{24}H_{20}O_2N$ Triacetyl derivative of dihydroxydihydrocodeine (CAHN and ROBINSON), 910.

24 IV

$C_{24}H_{12}O_2Cl_2S_3$ 2:4:6-Tri-2':5'-dichlorophenylthiolresorcinol (BROOKER and SMILES), 1728.

$C_{24}H_{12}O_2Cl_3S_3$ 2:4:6-Tri-*p*-chlorophenylthiolresorcinol (BROOKER and SMILES), 1728.

$C_{24}H_{12}O_2Cl_3S_3$ 2:4:6-Tri-*p*-chlorophenylthiophloroglucinol (BROOKER and SMILES), 1727.

$C_{24}H_{12}O_2Cl_2S_2$ 2:4-Di-4'-chlorophenylthiol-1-naphthol (BROOKER and SMILES), 1728.

$C_{24}H_{16}O_4N_4S_2$ Substance, from diaminothianthren and resorcinol (SEN and RAY), 1141.

$C_{24}H_{16}O_{10}S_2Te_2$ Phenoxtellurine sulphate (DREW), 3070.

$C_{24}H_{16}O_2Cl_2Te$ *pp'*-Diphenoxydiphenyltelluridichloride (DREW), 227.

$C_{24}H_{18}O_6N_6S_4$ Thianthren-2:6-bisdiazoaminobenzene-4'-sulphonic acid (SEN and RAY), 1141.

$C_{24}H_{20}O_4N_2S_2$ 1-Acetylamino-naphthyl 4-disulphoxide (CHILD and SMILES), 2701.

$C_{24}H_{20}O_8S_2Te_2$ Diphenoxtellurylium hydroxybisulphate hydrate (DREW), 3067.

$C_{24}H_{20}O_{12}S_2Te_2$ Diphenoxtellurylium dibisulphate dihydrate (DREW), 3069.

$C_{24}H_{24}O_{12}S_2Te_2$ Diphenoxtellurylium dibisulphate trihydrate (DREW), 3068.

$C_{24}H_{25}O_{21}S_4Te_2$ Diphenoxtellurylium dibisulphate disulphuric acid trihydrate (DREW), 3067.

$C_{24}H_{33}O_4N_2I$ Bis-*p*-dimethylaminobenzylidene pentaerythritol methiodide (FAIRBOURNE and WOODLEY), 3241.

24 V

$C_{24}H_{22}O_4N_4S_2As_2$ 3'-Aminobenzenesulphonyl-4-aminoarsenobenzene (HEWITT, KING, and MURCH), 1364.

 C_{25} Group.

$C_{25}H_{18}O$ Di-*p*-naphthylvinyl ketone (GIBSON, HARIHARAN, MENON, and SIMONSEN), 2257.

$C_{25}H_{21}N_3$ 4-Diazomethylaminodiphenyl (BELL, KENYON, and ROBINSON), 1246.

$C_{25}H_{22}N_4$ *p*-Benzeneazo-*pp''*-diaminotriphenylmethane (DUTT), 1175.

25 III

$C_{25}H_{30}ON_2$ *s*-Di-5-acenaphthylcarbamide (NAIR and SIMONSEN), 3143.

$C_{25}H_{21}O_7Cl$ 7-Methoxy-4-phenyl-2-*p*-hydroxystyryl-3-methylbenzopyrylium perchlorate (HEILBRON and ZAKI), 1904.

$C_{25}H_{22}ON_4$ Carbonylbenzidine, and its sulphate (LE FÈVRE and TURNER), 2483.
p-4-Hydroxybenzeneazo-*pp''*-diaminotriphenylmethane (DUTT), 1176.

$C_{25}H_{26}O_2N_2$ 3:6-Tetramethyldiamino-9-phenylfluorene acetate (DUTT), 1182.

$C_{25}H_{24}O_3N_2$ Benzoyl derivative of condensation product of β -phenylhydroxylamine and acetone (BANFIELD and KENYON), 1622.

$C_{25}H_{40}BrAs$ *Tricyclohexylarsine benzobromide* (ROBERTS, TURNER, and BURY), 1446.

25 IV

$C_{25}H_{30}O_6N_2Cu_5$ Substance from cuprous cyanide, hydrocyanic acid, and ethylenediamine (MORGAN and BURSTALL), 2025.

C₂₆ Group.

C₂₆H₁₆ Bisdiphenylene-ethylene, absorption spectrum of (CAPPER and MARSH), 725.

C₂₆H₂₀ 9:10-Diphenyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3084.

26 II

C₂₆H₁₆Cl₂ 9:10-Di-*p*-chlorophenylanthracene (INGOLD and MARSHALL), 3085.

C₂₆H₁₄Br₂ 9:10-Di-*p*-bromophenylanthracene (INGOLD and MARSHALL), 3086.

C₂₆H₁₇Cl 2-Chloro-9:10-diphenylanthracene (INGOLD and MARSHALL), 3087.

C₂₆H₁₇Br 2-Bromo-9:10-diphenylanthracene (INGOLD and MARSHALL), 3087.

C₂₆H₁₈N₂ Quinoxaline derivative of 3:4-diaminodiphenyl (BELL and KENYON), 2708.

C₂₆H₁₈Cl₂ 9:10-Di-*p*-chlorophenyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3086.

C₂₆H₁₈K₂ 9:10-Dipotassio-9:10-diphenyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3084.

C₂₆H₁₈Na₂ 9:10-Disodio-9:10-diphenyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3084.

C₂₆H₂₂O Substance, from dehydration of 1- α -naphthyl-2:2-dibenzylethylene glycol (MCKENZIE and DENNLER), 1602.

C₂₆H₂₃N₇ Benzeneazobenzeneazobenzeneazodimethylaniline (DUFT), 1177.

C₂₆H₂₅O₂ 1- α -Naphthyl-2:2-dibenzylethylene glycol (MCKENZIE and DENNLER), 1601.

C₂₆H₄₂O₆ Bornyl dimethoxysuccinates (PATTERSON, FULTON, and SEMPLE), 3225.

C₂₆H₅₂O Ketone, from oxidation of paraffin wax (FRANCIS and GAUNTLETT), 2381.

C₂₆H₅₄O Alcohol, from oxidation of paraffin wax (FRANCIS and GAUNTLETT), 2381.

26 III

C₂₆H₁₆Cl₂Br₂ 9:10-Dichloro-9:10-di-*p*-bromophenyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3088.

C₂₆H₁₈OS₄ 2-Phenyl-1:3-benzdithiole 2-oxide (HURTLEY and SMILES), 1827.

C₂₆H₁₈O₂N₂ Dianilinoanthraquinone (GREEN), 1433.

C₂₆H₁₈O₂Cl₂ 9:10-Dihydroxy-9:10-di-*p*-chlorophenyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3085.

C₂₆H₁₈O₂Br₂ 9:10-Dihydroxy-9:10-di-*p*-bromophenyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3086.

C₂₆H₁₉O₂Cl 2-Chloro-9:10-dihydroxy-9:10-diphenyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3087.

C₂₆H₁₉O₂Br 2-Bromo-9:10-dihydroxy-9:10-diphenyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3087.

C₂₆H₁₉O₃N₃ *p*-Nitrobenzylidenesalicylidenebenzidine (DENNETT and TURNER), 481.

C₂₆H₂₀O₂N₂ 3:4-Dibenzoyldiaminodiphenyl (BELL and KENYON), 2708.

Disalicylidene-3:5-diaminodiphenyl (DENNETT and TURNER), 481.

C₂₆H₂₀NBr 9-Benzylanthranlyl-10-pyridinium bromide (COOK), 2167.

C₂₆H₂₀N₆Br₄ Hydrazobenzaldehyde-2:4-dibromophenylhydrazone (CHATTAWAY and PARKES), 116.

C₂₆H₂₁O₅P *m*-Benzoyloxytriphenylmethylphosphinic acid, and its salts (BOYD and SMITH), 2330.

C₂₆H₂₂O₄N₄ 3:3'-Dinitro-4:4'-dimethylanilinodiphenyl (LE FÈVRE and TURNER), 2048.

- $C_{26}H_{33}O_4N$ Benzoyl-6:7-methylenedioxy-3-(3':4'-dimethoxybenzoyl)-1:2:3:4-tetrahydroisoquinoline (CAMPBELL, HAWORTH, and PERKIN), 39.
 $C_{26}H_{33}O_3N$ Cubebol α -naphthylurethane (HENDERSON and ROBERTSON), 2815.
 $C_{26}H_{33}O_4N_3$ Substance, from anhydrolaudaline-2-nitro-4-amino-3-methoxytoluene and acetic anhydride (ROBINSON and SHINODA), 1991.

26 IV

- $C_{26}H_{16}OCl_4S_2$ Phenyl α -bis-2:5-dichlorophenylthiolbenzyl ketone (BROOKER and SMILES), 1727.
 $C_{26}H_{18}O_2N_2Br_2$ Disalicylidene-4:4'-dibromo-2:3'-diaminodiphenyl (DENNETT and TURNER), 479.
 $C_{26}H_{20}N_4Br_2S$ 3:5-Diphenylimino-2:4-diphenyltetrahydro-1:2:4-thiodiazole octabromide (HUNTER), 536.
 $C_{26}H_{20}N_4I_2S$ 3:5-Diphenylimino-2:4-diphenyltetrahydro-1:2:4-thiodiazole hexaiodide (HUNTER), 536.
 $C_{26}H_{22}O_2N_4Cl_2$ Di-Meldola's blue (DUTT), 1180.
 $C_{26}H_{22}O_4N_4As_2$ 3'-Aminobenzoyl-3-amino-4-hydroxyarsenobenzene (HEWITT and KING), 828.
 $C_{26}H_{22}O_4N_4As_2$ Aminohydroxybenzoylaminohydroxyarsenobenzenes (HEWITT and KING), 827.
 $C_{26}H_{23}O_2Cl_2Fe$ 7-Methoxy-4-phenyl-2-*p*-methoxystyryl-3-methylbenzopyrylium ferrichloride (HEILBRON and ZAKI), 1905.
 $C_{26}H_{23}O_2Cl_2Fe$ 7-Methoxy-4-*p*-anisyl-2-*p*-hydroxystyryl-3-methylbenzopyrylium ferrichloride (HEILBRON and ZAKI), 1906.
 7-Methoxy-4-phenyl-2-*p*-hydroxy-*m*-methoxystyryl-3-methylbenzopyrylium ferrichloride (HEILBRON and ZAKI), 1905.
 $C_{26}H_{44}O_4N_4Cu_2$ Ethylenediamminodicupric bisethylenediaminobisacetylacetone (MORGAN and SMITH), 919.

26 V

- $C_{26}H_{26}O_4N_4S_2As_2$ 3'-Aminotoluene sulphonyl-4-aminoarsenobenzene (HEWITT, KING, and MURCH), 1362.

C₂₇ Group.

- $C_{27}H_{18}O$ Phenylanthraphenone (COOK), 2170.
 $C_{27}H_{20}O$ 10-Phenyl-9:10-dihydroanthraphenone (COOK), 2171.
 $C_{27}H_{27}N_6$ *p*-4-Dimethylaminobenzeneazo-*p*'*p*'-diaminotriphenylmethane (DUTT), 1175.
 $C_{27}H_{29}N_2$ Substance, from quinaldine and Michler's hydrol (HUMPHRIES), 375.

27 III

- $C_{27}H_{18}O_2N_2$ Benzylidenephthalylbenzidine (LE FÈVRE and TURNER), 2482.
 $C_{27}H_{18}O_3N_2$ Salicylideneephthalylbenzidine (LE FÈVRE and TURNER), 2482.
 $C_{27}H_{24}O_3S_2$ 2:4:6-Tri-*p*-tolylthiophloroglucinol (BROOKER and SMILES), 1727.

27 IV

- $C_{27}H_{19}O_2Cl_2S_2$ Phenyl α -5-chloro-2-methoxyphenylthiol- α -2:5-dichlorophenylthiolbenzyl ketone (BROOKER and SMILES), 1727.
 $C_{27}H_{20}O_4NCl$ 7-Methoxy-4-phenyl-2-*p*-dimethylaminostyryl-3-methylbenzopyrylium perchlorate (HEILBRON and ZAKI), 1905.

27 V

- $C_{27}H_{20}O_2NCl_2Fe$ 7-Methoxy-4-phenyl-2-*p*-dimethylaminostyryl-3-methylbenzopyrylium ferrichloride (HEILBRON and ZAKI), 1905.

C₂₈ Group.

- $C_{28}H_{20}$ Dihydrodianthranyl (MATTHEWS), 239.
 $C_{28}H_{22}$ 9:10-Di-*p*-tolylanthracene (INGOLD and MARSHALL), 3085.

28 II

- $C_{28}H_{18}Br_2$ Dibromodihydrodianthranyl (MATTHEWS), 239.
 $C_{28}H_{20}O$ 10-Benzylanthraphenone (COOK), 2169.
 $C_{28}H_{20}O_2$ 9:10-Dibenzoyl-9:10-dihydroanthracene (COOK), 1683.
 $C_{28}H_{22}O$ 10-Benzyl-9:10-dihydroanthraphenone (COOK), 2170.
 $C_{28}H_{22}O_2$ 9:10-Di-*p*-anisylanthracene (INGOLD and MARSHALL), 3086.
 $C_{28}H_{22}O_4$ 5:7-Diacetoxy-4'-methoxy-2-styrylisoflavone (BAKER and ROBINSON), 2719.
 $C_{28}H_{22}K_2$ Dipotassio-9:10-di-*p*-tolylanthracene (INGOLD and MARSHALL), 3086.
 $C_{28}H_{22}Na_2$ Disodio-9:10-di-*p*-tolylanthracene (INGOLD and MARSHALL), 3086.
 $C_{28}H_{24}O_2$ 9:10-Dihydroxy-9:10-di-*p*-tolyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3085.
 $C_{28}H_{24}O_4$ 9:10-Dihydroxy-9:10-di-*p*-anisyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3086.
 $C_{28}H_{24}O_6$ 5-Acetoxy-7:4'-dimethoxy-2-styryl-6-methylisoflavone (BAKER and ROBINSON), 2719.
 $C_{28}H_{28}O$ *d*- α -Diphenyl- α - β -dibenzylethyl alcohol (MCKENZIE, ROGER, and WILLS), 790.
 $C_{28}H_{30}O$ Substance, from $C_{28}H_{32}O_2$ and acetic acid (FARROW and KON), 2135.
 $C_{28}H_{31}N_3$ Substance, from *p*-toluquinaldine and Michler's hydrol (HUMPHRIES), 375.
 $C_{28}H_{32}O_2$ Substance, from α - Δ^1 -cyclohexenylacetophenone and sodium ethoxide (FARROW and KON), 2135.
 $C_{28}H_{58}O$ Ketone, from oxidation of paraffin wax (FRANCIS and GAUNTLETT), 2381.
 $C_{28}H_{58}O$ Alcohol, from oxidation of paraffin wax (FRANCIS and GAUNTLETT), 2381.

28 III

- $C_{28}H_{19}O_2N$ Nitrohydrodianthranyl (MATTHEWS), 239.
 $C_{28}H_{20}O_2N_2$ 9:9'-Diacetyl-3:3'-dicarbazyl (TUCKER), 3038.
 $C_{28}H_{21}O_2N$ Di-*p*-toluidinoanthraquinone (GREEN), 1434.
 $C_{28}H_{21}O_6N_4$ *NN'*-Diacetyl-*NN'*-di-*o*-nitrophenylbenzidine (TUCKER), 3035.
 $C_{28}H_{24}ON_2$ β -5-Acenaphthylaminocroton-5-acenaphthylamide (NAIR and SIMONSEN), 3142.
 $C_{28}H_{26}O_2S_3$ 2:4:6-Tri-*p*-tolylthiolorcinol (BROOKER and SMILES), 1728.
 $C_{28}H_{42}O_2N_2$ *d*- and *l*-*cis*-2:5-Dimethylpiperazine-*d*-bismethylenecamphor (KIPPING and POPE), 1078.

28 IV

- $C_{28}H_{14}O_4N_2Cl_2$ Dichlorodinitroanthranyl (MATTHEWS), 240.
 $C_{28}H_{22}O_2N_2As_2$ 10:10'-Bis-5-acetyl-5:10-dihydrophenarsazine (BURTON and GIBSON), 2247.

28 V

- $C_{28}H_{20}O_3NCl_4Fe$ 7-Methoxy-4-*p*-anisyl-2-*p*-dimethylaminostyryl-3-methylbenzopyrylium ferrichloride (HEILBRON and ZAKI), 1906.

 C_{29} Group.

- $C_{29}H_{58}O$ Ketone, from oxidation of paraffin wax (FRANCIS and GAUNTLETT), 2381.

29 III

- $C_{29}H_{34}N_2I$ Substance, from *p*-toluquinaldine methiodide and Michler's hydrol (HUMPHRIES), 375.

C₃₀ Group.**C₃₀H₅₀** Squalene, constitution of (HEILBRON, KAMM, and OWENS), 1630.**C₃₀H₆₂** Dodecahydro-squalene (HEILBRON, HILDITCH, and KAMM), 3135.**30 II****C₃₀H₂₂O₉** Benzoylvanillic anhydride (HEAP and ROBINSON), 2342.**C₃₀H₅₆Br₆** Squalene hexahydrobromide (HEILBRON, KAMM, and OWENS), 1641.**30 III****C₃₀H₂₂ON₈** Benzeneazobenzeneazobenzeneazobenzeneazophenol (DUTT), 1178.**C₃₀H₃₁O₁₃Cl** 4'-Tetra-acetyl- β -glucosidoxy-7-hydroxy-3-methoxyflavylum chloride (ROBERTSON and ROBINSON), 1717.**C₃₀H₃₆O₃N₄** Tribenzoyltriaminotripropylamine (MANN and POPE), 492.**30 IV****C₃₀H₁₈O₆Cl₆S₃** 2:4:6-Tri-2':5'-dichlorophenylthiolphloroglucinol (BROOKER and SMILES), 1727.**C₃₀H₂₀O₈N₂Cu** Copper ω -4-nitrobenzoylacetophenone (BRADLEY and ROBINSON), 2364.**C₃₀H₁₆O₃S₃Ni** Nickel thiolcamphor (DRUMMOND and GIBSON), 3076.**30 V****C₃₀H₁₈O₃Cl₄S₃Sn₂** Thiolcamphor stannochloride (DRUMMOND and GIBSON), 3076.**C₃₁ Group.****C₃₁H₂₆N₂Br₂** 9-Benzyl-9:10-dihydroanthraquinyl-9:10-dipyridinium dibromide (COOK), 2167.**C₃₁H₃₀N₄S** Bis-dibenzyl ketone thiocarbohydrazone (STEPHEN and WILSON), 2537.**C₃₁H₃₃O₁₈Cl** 4'-Tetra-acetyl- β -glucosidoxy-7-hydroxy-3-methoxy-5-methylflavylum chloride (+ H₂O) (ROBERTSON and ROBINSON), 1719.**C₃₂ Group.****C₃₂H₂₇N₉** Benzeneazobenzeneazobenzeneazobenzeneazodimethylaniline (DUTT), 1178.**32 IV****C₃₂H₂₀O₂N₄S₂** Substance, from diazotised diaminothianthren and β -naphthol (SEN and RAY), 1141.**C₃₃ Group.****C₃₃H₂₄O₂** 9-Hydroxy-9-triphenylmethylanthrone (INGOLD and MARSHALL), 3087.**C₃₃H₂₄O₆** 5-Hydroxy-7-cinnamoyloxy-4'-methoxy-2-styryliso-flavone (BAKER and ROBINSON), 2718.**33 III****C₃₃H₃₀O₆N₄** Triphthalimidotripropylamine (MANN and POPE), 491.**33 IV****C₃₃H₃₁O₆N₄Br** Triphthalimidotripropylamine hydrobromide (MANN and POPE), 490.**C₃₄ Group.****C₃₄H₁₈O₁₀** Difluorescein (DUTT), 1180.**C₃₄H₄₂N₄** Bistetramethyldiaminodiphenylmethane (DUTT), 1178.**34 IV****C₃₄H₃₆O₂N₄Cl₂** Dipyrone G (DUTT), 1179.**3359**

C₃₆ Group.

C₃₆H₃₂O₈N₂ Pyrazine from *is*onitroso-3:4-dimethoxyphenyl 3:4-methylenedioxy- β -phenyl ethyl ketone (CAMPBELL, HAWORTH, and PERKIN), 38.

C₃₆H₃₄O₆Cu Copper *is*opropoxybenzoylacetophenone (BRADLEY and ROBINSON), 2362.

C₃₆H₃₆O₁₀Cu Copper 3:4:5-trimethoxybenzoylacetophenone (BRADLEY and ROBINSON), 2366.

36 IV

C₃₆H₃₂O₂₂S₄Te₃ Phenoxtellurine dibisulphate (DREW), 3070.

C₃₈ Group.

C₃₈H₃₀N₂ 9:10-Dianilino-9:10-diphenyl-9:10-dihydroanthracene (INGOLD and MARSHALL), 3083.

38 III

C₃₈H₄₆O₄N₄ Bistetramethyldiaminodiphenylcarbinol diacetate (DUTT), 1178.

C₃₉ Group.

C₃₉H₃₀ON₄ Benzylidenecarbonylbenzidine (LE FÈVRE and TURNER), 2483.

C₃₉H₃₀O₃N₄ Salicylidenecarbonylbenzidine (LE FÈVRE and TURNER), 2483.

C₄₁ Group.

C₄₁H₃₆O₄ Substance, from benzyl methyl ketone and salicylaldehyde (DICKINSON), 2239.

C₄₂ Group.

C₄₂H₃₀O₂ 10:10'-Dibenzoyl-9:9':10:10'-tetrahydro-9:9'-dianthranyl (COOK), 1680.

C₄₂H₄₂Sn₂ Hexabenzyl-distannane (LAW), 3243.

C₄₆ Group.

C₄₆H₃₄O₄ Dibenzoyltetrahydrodianthranyl diacetate (COOK), 1683.

C₄₆H₅₀N₄ *leuco*-Dimalachite-green (DUTT), 1179.

C₅₀ Group.

C₅₀H₅₄O₄N₄ Dimalachite-green diacetate (DUTT), 1179.