

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.

CHN Hydrogen cyanide, dielectric constant of, 77; studies on, 77, 647.

1 III

CH₃NCl₂ Formamidodichloride, 647.

C₂ Group.

C₂H₂ Acetylene, reaction of, with hydrogen, catalysed by metals, 373.

2 II

C₂H₃I Vinyl iodide, spectra of, 303.

C₂H₃N Ethyleneimine, structure of, 301.

2 III

C₂H₅O₂N Nitroethane, preparation of, 24.

C₂H₅F₃Si Ethyltrifluorosilane, 455.

C₃ Group.

C₃H₆ Propylene, Prins reaction with, 296.

3 II

C₃H₃N Acrylonitrile, vibrational spectrum of, 597.

C₃H₆O Acetone, effect of inert gases on decomposition of, 588.

C₄ Group.

C₄H₆ON₄ 4:6-Diamino-2-hydroxypyrimidine, and its hydrochloride, 477.

C₄H₇ON α -Methylacraldoxime, 99.

C₄H₅O₂Cl Methyl- β -chloroethylformal, 266.

C₄H₁₀F₂Si Diethyl difluorosilane, 455.

4 IV

C₄H₃O₂N₃S 5-Aminothiazole-2-carboxylic acid, 104.

C₄H₅ON₂S 5-Aminothiazole-2-amide, 104.

C₄H₁₂ON₂S Bis- β -aminoethyl sulphoxide, and its dihydrobromide, 7.

C₄H₁₂O₂N₂S Bis- β -aminoethylsulphone, and its dihydrochloride, 7.

C₅ Group.

C₅H₈O₄ 3-Methyl *d*-erythronolactone, 227.

C₅H₈Cl₂ Polyisoprene dichloride, 120.

C₅H₃N₅ 4:5:6-Triamino-2-methylpyrimidine, 317.

C₅H₁₀O₂ 4-Hydroxytetrahydro- γ -pyran, 300.

4-Methyl-1:3-dioxan, 300.

C₅H₁₂O *iso*Amyl alcohol, adsorption of, at air-water surfaces, 252.

5 III

C₅H₆O₂N₄ 4:6-Diaminopyrimidine-2-carboxylic acid, 477.

C₅H₇O₂N₅ 5-Nitro-4:6-diamino-2-methylpyrimidine, 678.

C₅H₁₀O₃N₂ β -Carboxymethoxypropionamide, 301.

C₅H₁₁O₄N₃ 3-Hydroxy-2-methoxy-*l*-erythrosuccinamide, 224

C₅H₁₁O₂Cl β -Chloroethylethylformal, 266.

C₅H₁₁O₄N 3-Methyl *d*-erythronamide, 228.

5 IV

C₅H₃O₂N₃Cl₂ 4:6-Dichloro-5-nitro-2-methylpyrimidine, 678.

C₅H₁₁O₂NS *dl*-Methionine, 666.

Z Z

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C₆ Group.

- C₆H₅Cl** Chlorobenzene, sulphonation of, 469.
C₆H₆O₆ Glucosaccharodilactones, 636.
 5-Keto-4-deoxyglucosaccharo-3:6-lactone, enol, 641.
 5-Keto-4-deoxymannosaccharolactone, 582.
C₆H₆O Propenylethynylcarbinol, rearrangement of, 436, 443.
C₆H₆O₆ Glucurone, 584.
C₆H₆O₇ Glucosaccharo-3:6-lactone, 634.
 2:4-Methylene *i*-xylotrihydroxyglutaric acid, 365.
C₆H₁₀O₈ Glucosaccharic acid, potassium hydrogen salt, 66.
C₆H₁₀N₄ 6-Amino-4-methylamino-2-methylpyrimidine, 321.
C₆H₁₂O₆ Galactose, conversion of, into *d*-idose derivatives, 522.

6 III

- C₆H₅F₃Si** Phenyltrifluorosilane, 455.
C₆H₆ON 2-Methylhypoxanthine, 321.
C₆H₁₀O₃N₂ *cyclo*Hexene nitrosites, 123.
C₆H₁₀O₅N₂ 2:4-Methylene *i*-xylotrihydroxyglutarodiamide, 365.
C₆H₁₁O₂N *cyclo*Hexyl nitrite, 123.
C₆H₁₁O₂N Dimethyl β -carboxymethoxypropionamide, 301.
C₆H₁₃O₂N *cyclo*Hexylhydroxylamine, 123.
C₆H₁₃O₄N 2:3-Dimethyl *d*-erythronamide, 228.
 3-Methyl *d*-erythronmethyamide, 228.
C₆H₁₆O₄N₂ 1:6-Diamino mannitol, dihydrochloride of, 157.

6 IV

- C₆H₁₁O₃NCl** Chondrosamine hydrochloride, 273.
C₆H₁₅O₂NS Triethylamine-sulphur dioxide, 247.
C₆H₁₇O₃NS Triethylammonium hydrogen sulphite, 247.

6 V

- C₆H₄O₄NCIS** *m*-Nitrobenzenesulphonyl chloride, preparation of, 482.

C₇ Group.

- C₇H₆O** Benzaldehyde, Tiemann-Reimer reaction with, 74.
C₇H₆O₄ Clavatin, 417.
C₇H₆O₅ Furan-2-carboxylic-5-acetic acid, 670.
C₇H₆O₄ 5-Keto-4-deoxymannosaccharolactone, methyl ester, 584.
C₇H₆O₇ Methylene glucosaccharolactone, 66.
 Methylene *d*-glucosaccharolactone, structure of, 364.
C₇H₈N₅ Dimethyladenines, 321:
C₇H₁₀O₆ α -Methylmannuronoside, 588.
C₇H₁₀O₇ Glucosaccharolactone, methyl esters, 635.
C₇H₁₀N₂ *p*-Aminomethylaniline, and its picrate, 399.
C₇H₁₂O₃ 4-Acetoxytetrahydro- γ -pyran, 300.
C₇H₁₂O₅ 2:3-Anhydro- β -methyl-*d*-taloside, 523.
 Dimethyl β -carboxymethoxypropionate, 301.
C₇H₁₂O₆ Dimethyl hydroxymethoxythreosuccinate, 515.
 Methyl 3-hydroxy-2-methoxyerythrosuccinate, 223.
C₇H₁₄O₆ 2:4-Methylene sorbitol, 520.
 3-Methyl *d*-idose, 525.

7 III

- C₇H₆O₂N₂** 5-Methoxybenzofurazan, 623.
C₇H₇ON *p*-Aminobenzaldehyde, preparation of, 4.
C₇H₇O₂N *p*-Nitrotoluene, reaction of, with sodium polysulphides, 4; sulphonation of, 469.
C₇H₇O₂N Clavatin oxime, 418.
C₇H₈ON₄ 2:9-Dimethylhypoxanthine, 322.
C₇H₈O₂N₂ 5-Hydroxymethylfurfuraldehyde, 668.
C₇H₁₀O₇Cl₂ 4:5-Dichloro-2:3-dihydroxy-5-methoxyadipic acid, 584.
C₇H₁₁O₂N Nitromethylcyclohexene, 123.
C₇H₁₁O₂Br Ethyl α -bromo- $\beta\beta$ -dimethylacrylate, 372.
C₇H₁₁O₃N Dimethylene *d*- and *l*-arabonamides, 521.
 Dimethylene *d*- and *l*-xylonamides, 521.
C₇H₁₁N₅S 6-Amino-5-thioformamido-4-methylamino-2-methylpyrimidine, 321.
C₇H₁₀O₄I₂ 1:6-Di-iodo methylene sorbitol, 520.
C₇H₁₂O₅N₂ Dimethyl 3-methyl 2:4-methylene xylotrihydroxyglutarodiamide, 365.
C₇H₁₂O₆N₂ Methylene glucosaccharodiamide, 67.
C₇H₁₂O₁₀N₂ β -Methylglucoside 2:6-dinitrate, 501.
 β -Methylglucoside 3:6-dinitrate, 495.
C₇H₁₃O₂N₅ α -Cyanoadipic hydrazide, 14.
C₇H₁₃O₃N β -Methylglucoside 3-nitrate, 494.
C₇H₁₃O₄N₂ 2-Hydroxy-3-methoxy-*d*- and *l*-erythrosuccinbismethylamides, 225.
 3-Hydroxy-2-methoxy-*l*-erythrosuccinbismethylamide, 224.
C₇H₁₄O₆N 3-Methyl *d*-idonamide, 525.
C₇H₁₅O₆N 3-Amino- β -methylidose, 526.

7 IV

- $C_7H_5O_3N_2Br$ *p*-Nitrobenzenediazo-*N*-bromocarbonamide, hydrobromide of, 398.
 $C_7H_7ON_2I$ *p*-Iodo-*N*-nitrosomethylaniline, 400.
 $C_7H_{15}O_2NS$ *dl*-Methionine ethyl ester, 667.

 C_8 Group.

- C_8H_6 Phenylacetylene, infra-red spectrum of, 595.
 C_8H_{12} Dihydro-*m*-xylene, 435.

8 II

- $C_8H_7N_3$ Aminoquinazolines, 623.
 $C_8H_9O_4$ Clavatin methyl ether, 418.
 $C_8H_9N_4$ 4-Quinazolylhydrazine, 623.
 $C_8H_{10}O$ Octadienylnols, 136, 140, 141.
 $C_8H_{10}O$ (–)Phenylmethylcarbinol, reaction of, with phosphorus and thionyl chlorides, 85.
 $C_8H_{10}O_4$ Ethyl 5-hydroxymethylfuran-2-carboxylate, 670.
 $C_8H_{10}O_6$ 2:5-Dimethyl 4⁴-glucosaccharo-3:6-lactone, 515, 586.
 2:5-Dimethyl 4⁴-mannosaccharolactone, 583.
 5-Methyl 4⁴-glucosaccharo-3:6-lactone 1-methyl ester, 642.
 5-Methyl 4⁴-mannosaccharo-3:6-lactone 1-methyl ester, 583.
 $C_8H_{10}O_7$ Ethylidene glucosaccharolactone, 67.
 Methylene glucosaccharolactone methyl ester, 67.
 $C_8H_{10}O_8$ Dimethylene glucosaccharic acid, 64.
 Dimethylene *l*-idosaccharic acid, 64.
 $C_8H_{10}Cl_2$ 3-Chloro-1-*a*-chlorovinyl-4³-cyclohexene, 101.
 $C_8H_{12}O$ 3-Methyl-2:5-dihydroanisole, 434.
 $C_8H_{12}O_6$ 2:5-Dimethyl 4-deoxyglucosaccharo-3:6-lactone, 516.
 Methyl dimethylene *d*- and *l*-arabonates, 521.
 Methyl dimethylene *d*- and *l*-xylonates, 521.
 $C_8H_{12}O_7$ Dimethyl methylene xylotrihydroxyglutarate 365.
 $C_8H_{14}O_4$ *n*-Butane-1:3-diol diacetate, 300.
 3-Ethyladipic acid, 102.
 $C_8H_{14}O_5$ Methyl 3:6-anhydro-*a*-methylgalactopyranosides, 229, 231.
 $C_8H_{14}O_6$ 2:3:4:5-Dimethylene mannitol, 61.
 1:3:2:4-Dimethylene sorbitol, 520.
 2:3:4:5-Dimethylene sorbitol, 60.
 3:4-Dimethyl glucose, 498.
 $C_8H_{14}O_7$ 2:5-Dimethyl 4-deoxyglucosaccharic acid, 517.
 $C_8H_{14}N_2$ 4:4'-Dicyano-*a*-ethylstilbene, 614.
 $C_8H_{16}O_6$ 3-Methyl β -methyl-*d*-idoside, 524.
 $C_8H_{18}O$ (+)- β -Octanol, reaction of, with phosphorus and thionyl chlorides, 85.
sec-Octyl alcohol, surface tension of aqueous solutions of, 477.
 $C_8H_{19}N$ 2-Amino-*n*-octane, optical properties of, and its salts, 456.

8 III

- $C_8H_7ON_3$ 1-Aminophthalaz-4-one, preparation of, 678.
 $C_8H_7O_2Br$ Phenylbromoacetic acid, liberation of bromide ions from aqueous solutions of, 90.
 $C_8H_8O_5N_2$ 3-Nitro-5-methoxyanthranilic acid, 622.
 $C_8H_8O_5N_4$ 2:4-Dinitrophenylacetylhydrazide, 324.
 C_8H_9ON Benzylamine-4-carboxylic acid, preparation of, 678.
 $C_8H_9N_2Br$ *p*-Bromoacetophenonehydrazone, 613.
 $C_8H_{10}O_3N_2$ 3-Nitro-5-methoxy-*o*-toluidine, 622.
 $C_8H_{11}OCl$ 3-*a*-Chlorovinyladipic acid, 102.
 $C_8H_{12}O_4Cl_2$ 1:6-Dichlorodimethylene mannitol, 156.
 1:6-Dichlorodimethylene sorbitol, 60.
 $C_8H_{12}O_2Br_2$ Ethyl $\alpha\beta$ -dibromomethylmalonate, 628.
 $C_8H_{12}O_6N_2$ Dimethylene glucosaccharodiamide, 64.
 Dimethylene *l*-idosaccharodiamide, 64.
 $C_8H_{12}N_2S_3$ 5:5-Diethyl-2:4:6-trithiobarbituric acid, 125.
 $C_8H_{13}O_2N_3$ 3-Methyl β -methylglucoside 2:4:6-trinitrate, 499.
 $C_8H_{13}N_2S_2$ 6-Imino-5:5-diethyl-2:4-dithiobarbituric acid, 125.
 $C_8H_{14}O_6N_2$ Ethylidene glucosaccharodiamide, 67.
 $C_8H_{15}O_5N_5$ Cyanopimelodihydrazide, 15.
 $C_8H_{15}O_6N$ *N*-Acetyl chondrosamine, 273.
 $C_8H_{16}ON_2$ 2-*iso*Nitroso-1-dimethylaminocyclohexane, 315.
 $C_8H_{16}O_2N_2$ 1:6-Diamino dimethylene mannitol, and its salts, 156.
 $C_8H_{16}O_6N_2$ 2:5-Dimethyl 4-deoxyglucosaccharodiamide, 516.
 2:5-Dimethyl 4-deoxymannosaccharodiamide, 224.
 $C_8H_{16}O_6N_2$ 2:5-Dimethyl glucosaccharodiamide, 586.
 $C_8H_{19}O_3P$ (+)- β -Octyl dihydrogen phosphite, 87.

8 IV

- $C_8H_9O_2N_2Br$ Diformyl-4-bromo-*m*-phenylenediamine, 313.
 $C_8H_9O_2N_2S$ Dinitrobenzoyl thioether, 7.
 $C_8H_{11}O_3NS$ α -Phenyltaurine, and its sodium salt, 96.
 $C_8H_{12}ONCl$ Dihydro-*m*-xylene nitrosochloride, 435.
 $C_8H_{12}ON_2S$ 2-Amino-6-methoxy-4:5:6:7-tetrahydrobenzthiazole, 324.

- C₈H₁₂ON₂S₂** 5:5-Diethyl-2:4-dithiobarbituric acid, 125.
C₈H₇OCl₂P (—)-β-Octyloxyphosphorus dichloride, 87.
C₈H₁₇O₆NS *N*-Pantoyltaurine, growth inhibitors related to, 5.

C₉ Group.

- C₉H₉N₃** *p*-Cyanoacetophenonehydrazone, 614.
C₉H₁₂O 7-Methyloctadienylnols, 141.
C₉H₁₂O₂ 2:5-Dimethyl Δ⁴-glucosaccharo-3:6-lactone 1-methyl ester, 513, 642.
 2:5-Dimethyl Δ⁴-mannosaccharolactone methyl ester, 222.
 2:5-Dimethyl Δ⁴-mannosaccharo-3:6-lactone 1-methyl ester, 583.
C₉H₁₂O₂ Methylene glucosaccharolactone ethyl ester, 66.
C₉H₁₃N 4-Amino-1:2:3-trimethylbenzene, 111.
C₉H₁₄O₆ 2:5-Dimethyl 4-deoxyglucosaccharo-3:6-lactone 1-methyl ester, 516.
 2:3:5-Trimethyl *d*-araboascorbic acid, 227.
 Trimethylene sorbitol, constitution of, 517.
 Trimethyl glucurone, 586.
C₉H₁₄O₇ Dimethyl 3-methyl 2:4-methylene xylotrihydroxyglutarate, 365.
C₉H₁₄O₈ Dimethyl methylene glucosaccharate, 67.
C₉H₁₆O₂ 2:2:6:6-Tetramethyltetrahydro-γ-pyrone, 338.
C₉H₁₆O₅ 4:6-Dimethyl 2:3-anhydro-β-methyl-*d*-taloside, 524.
C₉H₁₆O₅ 2:3:5-Trimethyl γ-gluconolactone, 574.
 2:3:4-Trimethyl δ-mannonolactone, 133.
 2:3:5-Trimethyl γ-mannonolactone, 576.
C₉H₁₈O 7-Methyloctan-2-one, 141.
C₉H₁₈O₃ Triacetone dialcohol, 338.
C₉H₁₈O₆ 3:4-Dimethyl β-methylglucoside, 498.
 2:3:5-Trimethyl glucose, 574.
C₉H₂₀O 7-Methyloctan-2-ol, 141.

9 III

- C₉H₇O₂N₅** *p*-Nitrobenzeneazomalononitrile, 317.
C₉H₅N₄Cl *p*-Chlorobenzeneazomalononitrile, 317.
C₉H₇O₂N₃ 8-Nitro-6-methoxyquinazoline, 623.
C₉H₇O₄N₃ 8-Nitro-6-methoxy-4-quinazolone, 623.
C₉H₇N₂Br 8-Bromo-6-aminoquinoline, and its hydrochloride, 312.
C₉H₇O₂N 4-Nitrobenzyl methyl ketone, 55.
C₉H₇O₄N₅ 8-Nitro-6-methoxy-4-quinazolylhydrazine, 623.
C₉H₇O₄N₃ Nitrobenzylidenebisformamides, 648.
C₉H₇O₅N Clavatin oxime acetate, 418.
C₉H₁₂O₂N₄ 4:6-Diacetamido-2-methylpyrimidine, 477.
C₉H₁₄O₄N₄ 4-Amino-6-*d*-ribosidaminopyridine, 658.
 6-Amino-4-*d*-xylosidaminopyrimidine-I, 655.
C₉H₁₄O₂Cl₂ Methyl 4:5-dichloro-2:3-dihydroxy-5-methoxyadipate, 584.
C₉H₁₄N₂S₃ 6-Methylthio-5:5-diethyl-2:4-dithiobarbituric acid, 125.
C₉H₁₅ON₃ Dimethyl-Δ²-cyclohexenone semicarbazones, 435.
C₉H₁₆O₆N₂ Acetone glucosaccharodiamide, 67.
C₉H₁₆O₁₀N₂ 2:4-Dimethyl β-methylglucoside 3:6-dinitrate, 495.
 3:4-Dimethyl β-methylglucoside 2:6-dinitrate, 501.
C₉H₁₇O₂N Ethyl α-dimethylamino-ββ-dimethylacrylate, and its hydrochloride, 373.
C₉H₁₇O₃N Pantothenic acid, analogues of, 5.
C₉H₁₇O₆N 3-Acetamido-β-methyl-*d*-idoside, 526.
N-Acetyl α-methylchondrosaminide, 273.
 2:5-Dimethyl 4-deoxyglucosaccharamide, 516.
 2:5-Dimethyl methylglucofuronoside amide, 586.
C₉H₁₇O₈N 2:4-Dimethyl β-methylglucoside 6-nitrate, 496.
C₉H₁₈O₂N₆ 3-Methyl-Δ²-cyclohexenone semicarbazido-semicarbazone, 434.
C₉H₁₈O₆N₂ Trimethyl mannosaccharodiamide, 222.
 2:3:5-Trimethyl mannosaccharodiamide, 576.
 Trimethyl saccharamides, 573.
C₉H₁₉O₆N 2:3:4-Trimethyl mannonamide, 133.
 2:3:5-Trimethyl mannonamide, 576.
C₉H₂₀O₂N₂ Ethyl αβ-bis(dimethylamino)propionate, and its salts, 372.

9 IV

- C₉H₆O₃N₃Cl** 4-Chloro-8-nitro-6-methoxyquinazoline, 623.
C₉H₇O₂N₃S₂ 5-(*p*-Aminobenzenesulphonamido)thiazole, 104.
C₉H₁₀ON₂S₂ Methyl benzthiazyl-1-thioncarbamate, 13.

C₁₀ Group.

C₁₀H₁₈ 1-*tert*-Butylcyclohexene, 601.

10 II

- C₁₀H₄Br₄** 1:2:3:4-Tetrabromonaphthalene, 22.
C₁₀H₆O₃ 2-Hydroxy-1:4-naphthoquinone, 56.
C₁₀H₆I₂ 1:3-Diiodonaphthalene, 539.
C₁₀H₈O₂ 1:3-Dihydroxynaphthalene, 54.
 α-Phenyl-Δ^{αβ}-butenolide, 550.
 β-Phenyl-Δ^{αβ}-butenolide, 552.

- $C_{10}H_{10}O_3$ β -Formyl- α -phenylpropionic acid, 550.
 $C_{10}H_{16}O_4$ Ferulic acid, oxidation of, 535.
 β -(4-Hydroxybenzoyl)propionic acid, 552.
 $C_{10}H_{10}N_4$ 4:6-Diamino-2-phenylpyrimidine, 477.
 $C_{10}H_{11}N_3$ *p*-Cyanopropiophenonehydrazone, 613.
 $C_{10}H_{12}O$ Decatrienynols, 136.
 $C_{10}H_{12}O_3$ Ethyl (—)mandelate, reaction of, with phosphorus and thionyl chlorides, 85.
 $C_{10}H_{14}O_2$ Decadienyndiols, 143, 144.
 α -cycloHexyl- $\Delta^{\alpha\beta}$ -butenolide, 552.
 $C_{10}H_{14}O_4$ Δ^1 -cycloHexenylsuccinic acid, 551.
 $C_{10}H_{14}O_8$ Dimethyl dimethylene glucosaccharate, 63, 67.
 Dimethyl dimethylene *l*-idosaccharate, 64, 363.
 $C_{10}H_{16}O$ 3-Methylnonenynols, 146.
 $C_{10}H_{16}O_2$ Decenyndiols, 143.
 3-Methylnon-6-en-4-yn-3:8-diol, 144.
 $C_{10}H_{16}O_3$ Ethyl 1-ethylcyclopentan-2-one-1-carboxylate, 102.
 β -Formyl- α -cyclohexylpropionic acid, 552.
 $C_{10}H_{16}O_6$ 2:3:5:6-Tetramethyl *d*-araboascorbic acid, 227.
 $C_{10}H_{16}O_7$ Trimethylglucosaccharolactone methyl esters, 573.
 $C_{10}H_{16}N_2$ 2-*n*-Amylaminopyridine, and its picrate, 249.
 $C_{10}H_{17}Br$ Bromodihydromyrcene, 120.
 $C_{10}H_{18}O_6$ 1:6-Dimethyl dimethylene mannitol, 61.
 1:6-Dimethyl dimethylene sorbitol, 60.
 5:6-Dimethyl 1:3:2:4-dimethylene sorbitol, 520.
 3-Methyl 4:6-ethylidene β -methylglucoside, 499.
 $C_{10}H_{18}O_7$ Methyl 2:5-dimethyl 4-deoxyglucosaccharate, 516.
 2:3:4-Trimethyl β -methyl- α -glucuronoside, 134.
 $C_{10}H_{18}Cl_2$ Dihydromyrcene dichloride, 120.
 $C_{10}H_{18}Cl_4$ Dihydromyrcene tetrachloride, 120.
 $C_{10}H_{19}N$ Geranylamine, 306.
 $C_{10}H_{20}O$ 1-*tert*-Butylcyclohexanol, 601.
 $C_{10}H_{20}O_6$ 2:3:5-Trimethyl methylglucofuranoside, 574.
 3:4:6-Trimethyl β -methyl-*d*-idoside, 525.
 2:3:5-Trimethyl methylmannofuranoside, 576.
- 10 III
- $C_{10}H_4O_5N_4$ 4:5-Dinitro-1-diazo-2-naphthol, 9.
 $C_{10}H_5O_6N_3$ 1:2:3-Trinitronaphthalene, 561.
 $C_{10}H_6O_4N_4$ 2:3:4-Trinitro-1-naphthylamine, 561.
 $C_{10}H_6NBr_3$ 1:3:4-Tribromo-2-naphthylamine, 22.
 $C_{10}H_6ClBr$ Chlorobromonaphthalenes, 539.
 $C_{10}H_6ClI$ 1-Chloro-3-iodonaphthalene, 539.
 $C_{10}H_6BrI$ 1-Bromo-3-iodonaphthalene, 539.
 2-Bromo-1-iodonaphthalene, 539.
 $C_{10}H_7OBr$ 2-Bromo-1-naphthol, 539.
 $C_{10}H_7O_2N$ Quinaldinic acid, reduction of, at dropping-mercury cathodes, 427.
 $C_{10}H_8O_2N_2$ Nitronaphthylamines, separation of, 385.
 $C_{10}H_8NBr_2$ 2-Bromo-1-naphthylamine, 538.
 $C_{10}H_8NI$ 2-Iodo-1-naphthylamine, and its hydrochloride, 538.
 $C_{10}H_8N_2Cl_2$ 4:6-Diamino-5-(2':5'-dichlorobenzeneazo)pyrimidine, 656.
 $C_{10}H_9ON$ β -Cyano- β -phenylpropaldehyde, 270.
 $C_{10}H_9ON_3$ 3-Nitroso-1-methyl-2-oximinomethylindole, 674.
 $C_{10}H_9O_2N_7$ 4:6-Diamino-5-*p*-nitrobenzeneazopyrimidine, 317.
 $C_{10}H_9O_2Br$ 5-Bromo-4-acetoxy-3-methoxybenzaldehyde, 536.
 5-Bromo-4-hydroxy-3-methoxycinnamic acid, 536.
 $C_{10}H_9O_3N$ γ -4-Nitrophenylacetoacetic acid, 55.
 $C_{10}H_9N_2Cl$ 4:6-Diamino-5-*p*-chlorobenzeneazopyrimidine, 317.
 $C_{10}H_{10}ON_2$ 4-Ethoxyquinazoline, picrate of, 623.
 $C_{10}H_{10}O_6N_2$ 3-Nitro-*N*-acetyl-5-methoxyanthranilic acid, 622.
 $C_{10}H_{11}ON_3$ α -Cyano- β -phenylpropionic hydrazide, 14.
 $C_{10}H_{11}O_2Br$ Ethyl *o*-bromophenylacetate, 73.
 $C_{10}H_{12}O_2N_3$ 3-Nitro-2-acetamido-5-methoxytoluene, 622.
 $C_{10}H_{12}O_5N_4$ 9-*d*-Ribopyranosidohypoxanthine, 659.
 9-*d*-Xylopyranosidohypoxanthine, 656.
 $C_{10}H_{12}N_2S_2$ 2-Thio-3-phenyl-5-methyltetrahydro-1:3:5-thiadiazine, 151.
 $C_{10}H_{13}O_3Br$ α -(5-Bromo-4-hydroxy-3-methoxyphenyl)propyl alcohol, 536.
 $C_{10}H_{13}O_4N_5$ 9-*d*-Ribopyranosidoadenine, 658.
 9-*d*-Xylopyranosidoadenine, 655.
 6-*d*-Xylosidaminopurine, 655.
 $C_{10}H_{14}O_3S$ (—)- α -Phenylethyl ethyl sulphate, 90.
 $C_{10}H_{14}O_4N_2$ 3:4:5-Trimethoxybenzaldehyde hydrazide, 327.
 $C_{10}H_{14}O_6N_1$ 2-Hydroxy-4-methoxyphenyl vinyl ketone 2:4-dinitrophenylhydrazone, 263.
 $C_{10}H_{14}ON$ *N*-Ethyl-*p*-phenetidine, 673.
 $C_{10}H_{14}ON_3$ 5-Keto- $\Delta^{4,9}$ -tetrahydrohydrindene semicarbazone, 435.
 $C_{10}H_{15}OP$ *p*-Hydroxyphenyldiethylphosphine, 281.
 $C_{10}H_{16}O_6N_2$ Dimethylene mannosaccharodimethylamide, 61.
 $C_{10}H_{16}O_7Cl_2$ Methyl 4:5-dichlorohydroxydimethoxyadipate, 584.
 $C_{10}H_{16}O_{11}N_2$ 3-Acetyl 2-methyl β -methylglucoside 4:6-dinitrate, 495.
 $C_{10}H_{17}O_2N$ Nitrodihydromyrcene, 123.
 $C_{10}H_{17}O_6I$ 6-Iodo 3-acetyl 2-methyl β -methylglucoside, 495.

- $C_{10}H_{19}ON_8$ 2:4:6-Trimethyl β -methylglucoside 3-nitrate, 495.
 $C_{10}H_{20}O_2N_6$ Dimethyl- Δ^8 -cyclohexenone semicarbazido-semicarbazone, 435.
 $C_{10}H_{21}ON_3$ 7-Methyloctan-2-one semicarbazone, 141.

10 IV

- $C_{10}H_7O_2NBr_2$ 1:3:4-Tribromo-2-nitronaphthalene, 22.
 $C_{10}H_7ON_2Br$ 6-Bromo-2-diazo-1-naphthol, 10.
 $C_{10}H_5O_2NBr_2$ 1:3-Dibromo-2-nitronaphthalene, 22.
 $C_{10}H_5O_3NBr_2$ 2:4-Dibromo-6-nitro-1-naphthol, 9.
 $C_{10}H_4O_3N_2Br$ 1-Bromo-4:5-dinitro-2-naphthol, 9.
 $C_{10}H_6O_2N_2Br_2$ 2:4-Dibromo-3-nitro-1-naphthylamine, 22.
 $C_{10}H_5O_3NCl$ 2-Chloro-6-nitro-1-naphthol, 9.
 $C_{10}H_5O_3NBr$ Bromo-6-nitro-1-naphthols, 9.
 $C_{10}H_5O_3NI$ Iodo-6-nitro-1-naphthols, 9.
 $C_{10}H_6O_4N_4S_2$ 5-(*p*-Nitrobenzenesulphonamido)thiazole-2-nitrile, 104.
 $C_{10}H_7O_2N_2Br$ 1-Bromo-4-nitro-2-naphthylamine, 386.
 $C_{10}H_7ONBr$ α -Acetyl-*p*-bromobenzyl cyanide, 613.
 $C_{10}H_6O_4N_4S_2$ 5-(*p*-Nitrobenzenesulphonamido)thiazole-2-thioamide, 104.
 $C_{10}H_{11}O_3Cl_2P$ (—)- α -Carbethoxybenzyloxyphosphorus dichloride, 87.
 $C_{10}H_{11}N_2ClS_2$ 2-Thio-3-*p*-chlorophenyl-5-methyltetrahydro-1:3:5-thiadiazine, 151.
 $C_{10}H_{12}ONCl$ *p*-Methyl- β -chloroethylaminobenzaldehyde, 490.
 $C_{10}H_{12}ON_2S_2$ Ethyl benzthiazyl-1-thioncarbamate, 13.
 2-Thio-3-(*p*-hydroxyphenyl)-5-methyltetrahydro-1:3:5-thiadiazine, 151.

10 V

- $C_{10}H_7O_2NClBr_2$ 4-Chloro-1:3-dibromo-2-nitronaphthalene, 22.
 $C_{10}H_7O_3NClBr$ 2-Chloro-4-bromo-6-nitro-1-naphthol, 9.
 $C_{10}H_{11}ON_2ClS_2$ 2-Thio-3-(3'-chloro-4'-hydroxyphenyl)-5-methyltetrahydro-1:3:5-thiadiazine, 151.

C₁₁ Group.

- $C_{11}H_8O_3$ *cis*-Indane-1:2-dicarboxylic anhydride, 561.
 $C_{11}H_{10}O_2$ 1:3-Dihydroxy-2-methylnaphthalene, 54.
 $C_{11}H_{10}O_3$ 7-Methoxy-2-acetylcoumarone, 263.
 α -(4-Methoxyphenyl)- $\Delta^{\alpha\beta}$ -butenolide, 551.
 γ -(4-Methoxyphenyl)- $\Delta^{\beta\gamma}$ -butenolide, 553.
 $C_{11}H_{12}O$ *ar*-Dihydro-2-methoxynaphthalene, 434.
 $C_{11}H_{12}N_6$ 4:6-Diamino-5-benzeneazo-2-methylpyrimidine, 317.
 $C_{11}H_{14}O_2$ Pyrethrolone, structure of, 51, 239, 642.
 $C_{11}H_{14}O_3$ α -Hydroxy- β -phenylisovaleric acid, 96.
 $C_{11}H_{15}N$ 3-Phenyl-1-methylpyrrolidine, and its picrate, 270.
 $C_{11}H_{16}O$ 2:6-Diethyl-*p*-cresol, 332.
 $C_{11}H_{16}O_2$ 2-Formyl-1-decalone, 502.
 $C_{11}H_{16}O_5$ Dimethyl methylene ethylidene glucosaccharate, 67.
 $C_{11}H_{18}O$ 4-Methyldecenyols, 146.
 $C_{11}H_{18}O_7$ 2-Acetyl 4:6-ethylidene β -methylglucoside, 499.
 $C_{11}H_{18}O_8$ Dimethyl 3:5-dimethyl 2:4-methylene glucosaccharate, 366.
 Methyl 5-methyl 2:4-methylene glucosaccharo-3:6-lactone, 366.
 $C_{11}H_{20}O_7$ Methyl 2:3:5-trimethyl 4-deoxyglucosaccharate, 516.
 2:3:4-Trimethyl α -methyl- α -galacturonoside, 134.
 $C_{11}H_{20}O_8$ Methyl 2:3:5-trimethyl mannosaccharate, 576.
 $C_{11}H_{21}N_3$ 5-Methyl-3-(γ -diethylaminopropyl)pyrazole, and its hydrochloride, 617
 $C_{11}H_{24}O$ 4-Methyldecan-2-ol, 146.

11 III

- $C_{11}H_5ON_3$ 4-Cyanonaphthalene-1:2-diazo-oxide, 540.
 $C_{11}H_6O_2N_2$ 4-Nitro-4-cyanonaphthalene, 77.
 $C_{11}H_7ON$ 4-Cyano-2-naphthol, 540.
 $C_{11}H_7N_3S$ 5-Benzylideneaminothiazole-2-nitrile, 104.
 $C_{11}H_8O_3N_2$ Nitroformonaphthalides, 77.
 $C_{11}H_9ON$ 1-Keto-2:3-dihdropentindole, 625.
 $C_{11}H_9OI$ 4-Iodo-2-naphthyl methyl ether, 451.
 $C_{11}H_{11}O_2N_7$ 4:6-Diamino-5-*p*-nitrobenzeneazo-2-methylpyrimidine, 317.
 $C_{11}H_{11}O_2Cl$ 1-Chloro-5-keto-4-hydroxy-3-methoxy-5:6:7:8-tetrahydronaphthalene, 508.
 $C_{11}H_{11}N_2Cl$ 4:6-Diamino-5-*p*-chlorobenzeneazo-2-methylpyrimidine, 317.
 $C_{11}H_{12}O_5N_4$ Tetrahydro- γ -pyrone 2:4-dinitrophenylhydrazone, 300.
 $C_{11}H_{13}O_3N_3$ α -Cyano- β -anisylpropionic hydrazide, 14.
 $C_{11}H_{14}O_2N_2$ *d*-Ribobenziminazole, 339.
 $C_{11}H_{14}O_5N_4$ 9-*d*-Xylosido-2-methylhypoxanthine, 321.
 $C_{11}H_{15}ON$ 4-Acetamido-1:2:3-trimethylbenzene, 111.
 $C_{11}H_{15}O_2N$ *dl*- α -Amino- δ -phenoxyvaleric acid, 14.
 $C_{11}H_{15}O_4N_5$ 6-*d*-Xylosidamino-2-methylpurine, 321.
 9-*d*-Xylosido-2-methyladenine, 321.
 $C_{11}H_{16}O_2N_2$ *d*-Ribonic phenylhydrazide, 339.
 $C_{11}H_{16}O_{12}N_2$ 2:4-Diacetyl β -methylglucoside 3:6-dinitrate, 494.
 3:4-Diacetyl β -methylglucoside 2:6-dinitrate, 501.
 $C_{11}H_{16}NCl$ γ -Chloropropylbenzylmethylamine, 270.
 $C_{11}H_{17}O_9N$ 2-Acetyl 4:6-ethylidene β -methylglucoside 3-nitrate, 499.

- $C_{11}H_{19}O_9N$ 3-Acetyl 2:4-dimethyl β -methylglucoside 6-nitrate, 495.
 $C_{11}H_{21}O_8N$ 7-Diethylaminoheptan-2:4-dione, 617.
 $C_{11}H_{22}O_5N_2$ 2:3:5-Trimethyl 4-deoxyglucosaccharomethylamide, 517.

II IV

- $C_{11}H_9ON_2Br$ 8-Bromo-6-acetamidoquinoline, 312.
 $C_{11}H_9O_2N_2Cl$ 2:6-Dihydroxy-5-*p*-chlorobenzeneazo-4-methylpyrimidine, 317.
 $C_{11}H_{12}O_3NCl$ 1-Chloro-5-keto-4-hydroxy-3-methoxy-5:6:7:8-tetrahydronaphthalene oxime, 508.
 $C_{11}H_{14}ONCl$ *p*-Ethyl- β -chloroethylaminobenzaldehyde, 490.
 $C_{11}H_{14}ON_2S_2$ 2-Thio-3-*p*-anisyl-5-methyltetrahydro-1:3:5-thiadiazine, 151.
 2-Thio-3-phenyl-5-(β -hydroxyethyl)tetrahydro-1:3:5-thiadiazine, 151.
 $C_{11}H_{17}O_2N_2Cl$ 2-*iso*Nitrosocyclohexane-1:1'-pyridinium chloride, 314.
 $C_{11}H_{17}O_4N_5S$ 6-Amino-5-thioformamido-4-*d*-xylosidamino-2-methylpyrimidine, 320.
 $C_{11}H_{18}OIP$ *p*-Hydroxyphenylmethyl-diethylphosphonium iodide, 281.
 $C_{11}H_{23}ONCl_2$ *p*-Di- β -chloroethylaminobenzaldehyde, 490.

II V

- $C_{11}H_{15}O_5NCl_2S_2$ Methionine 3:4-dichlorobenzenesulphonate, 667.
 $C_{11}H_{15}O_5NBr_2S_2$ Methionine 2:5-dibromobenzenesulphonate, 667.

 C_{12} Group.

- $C_{12}H_9N_3$ Aminopyridoquinolines, and their salts, 313.
 $C_{12}H_{10}O_4$ γ -(4-Acetoxyphenyl)- $\Delta^{\beta\gamma}$ -butenolide, 553.
 $C_{12}H_{10}N_2$ 2-Methyl-8:7-pyrroquinoline, 618.
 $C_{12}H_{12}O$ 1-Acetyl-3:4-dihydronaphthalene, 505.
 $C_{12}H_{12}O_2$ 1:3-Dihydroxy-2-ethylnaphthalene, 54.
 $C_{12}H_{12}O_3$ 6-Methoxy-3:4-dihydro-1-naphthoic acid, 504.
 $C_{12}H_{12}O_4$ γ -Acetoxy- α -phenylbutyrolactone, 550.
 $C_{12}H_{13}N_3$ Acetone quinolyldrazones, 618.
 $C_{12}H_{14}O_3$ Ethyl β -formyl- β -phenylpropionate, 552.
 (β -Hydroxyethyl)- α -phenylbutyrolactone, 268.
 6-Methoxy-1:2:3:4-tetrahydronaphthoic acid, 505.
 $C_{12}H_{14}O_5$ Methyl 4-hydroxyphenylsuccinate, 551.
 $C_{12}H_{16}O_2$ Pyrethrolone methyl ethers, 241.
 $C_{12}H_{16}O_5$ β :3:4:5-Trimethoxyphenylpropionic acid, 324.
 $C_{12}H_{17}N$ 4-Phenyl-1-methylpiperidine, and its picrate, 264.
 $C_{12}H_{18}O_2$ Dihydropyretrolone methyl ethers, 645.
 2:4-Dimethyldeca-2:7-dien-5-yn-4:9-diol, 147.
 $C_{12}H_{18}O_8$ 5:6-Diacetyl dimethylene sorbitol, 520.
 $C_{12}H_{20}O$ 2:4-Dimethyldecenyols, 146, 147.
 $C_{12}H_{20}O_2$ Tetrahydropyretrolone methyl ethers, 644.
 $C_{12}H_{20}O_4$ Methyl cyclohexyl succinate, 552.
 $C_{12}H_{20}O_7$ 2-Acetyl 3-methyl 4:6-ethylidene β -methylglucoside, 499.
 3-Acetyl 2-methyl 4:6-ethylidene β -methylglucoside, 495.
 $C_{12}H_{20}O_8$ Diethyl ethylidene glucosaccharate, 67.
 $C_{12}H_{20}N_2$ β -Diethylaminoethylaniline, and its salts, 622.
 $C_{12}H_{20}N_6$ Methyl- γ -diethylaminopropyl-1:2-(1':5'-tetrazolo)pyrimidine, and its picrate, 617.
 $C_{12}H_{22}O_4$ Ethyl α -ethyladipate, 102.
 $C_{12}H_{22}O_6$ 5:6-Dimethyl 1:2:3:4-diethylidene sorbitol, 520.

12 III

- $C_{12}H_3O_3Cl$ 1-Chloro-5-keto-3:4-dimethoxy-5:6:7:8-tetrahydronaphthalene, 508.
 $C_{12}H_7N_3Br$ Bromopyridoquinolines, 313.
 $C_{12}H_9ON_3$ 8-Hydroxy-5:6:2':3'-pyridoquinoline, and its salts, 313.
 $C_{12}H_9ON$ 4-Cyano-2-methoxynaphthalene, 540.
 $C_{12}H_9O_2N$ 6-Nitro-1-naphthyl acetate, 9.
 $C_{12}H_{10}F_2Si$ Diphenyldifluorosilane, 456.
 $C_{12}H_{13}O_2N$ Ethyl *o*-tolylevanoacetate, 271.
 $C_{12}H_{13}O_2Cl$ α -(β '-Chloroethyl)- α -phenylbutyrolactone, 268.
 $C_{12}H_{13}O_2Br$ α -(β '-Bromoethyl)- α -phenylbutyrolactone, 268.
 $C_{12}H_{13}O_2N$ 1-Hydroxy-2-carbomethoxyskatole, 629.
 $C_{12}H_{13}O_4Br$ Ethyl 5-bromo-4-hydroxy-3-methoxycinnamate, 536.
 $C_{12}H_{13}O_5N$ Ethyl γ -4-nitrophenylacetoacetate, 55.
 4-Hydroxytetrahydro- γ -pyran *p*-nitrobenzoate, 300.
 $C_{12}H_{13}NCl_2$ *aa*-Bis-(β '-chloroethyl)phenylacetonitrile, 266.
 $C_{12}H_{13}N_6Cl$ 6-Amino-4-methylamino-5-*p*-chlorobenzeneazo-2-methylpyrimidine, 321.
 $C_{12}H_{14}O_2Br_2$ *aa*-Bis-(β '-bromoethyl)phenylacetic acid, 268.
 $C_{12}H_{14}O_6N_4$ α -(Theophylline-7)- α' -hydroxymethyldiglycollic aldehyde, 595.
 $C_{12}H_{15}O_2N$ *aa*-Bis-(β '-hydroxyethyl)phenylacetonitrile, 266.
 $C_{12}H_{15}O_2N_3$ α -Cyano- δ -phenoxyvaleric hydrazide, 14.
 $C_{12}H_{15}O_4N$ 2-Oximino-5-*m*-methoxyphenylvaleric acid, 504.
 $C_{12}H_{15}O_4Cl$ γ -Chloro-4:5-dimethoxyphenylbutyric acid, 508.
 $C_{12}H_{16}O_3N_2$ *dl*- α -*N*-Phenylcarbamidoisovaleric acid, 14.
 $C_{12}H_{16}O_4N_4$ Theophylline-7-(β)-*d*-arabinoside, 594.
 $C_{12}H_{17}ON$ 4-(2'-Hydroxyphenyl)-1-methylpiperidine, 264.
 $C_{12}H_{17}O_2N$ 4-(2':3'-Dihydroxyphenyl)-1-methylpiperidine, 264.
 $C_{12}H_{17}N_3S_2$ 2-Thio-3-(*p*-dimethylaminophenyl)-5-methyltetrahydro-1:3:5-thiadiazine, 151.

- $C_{12}H_{19}O_{10}N$ 3:4-Diacetyl 2-methyl β -methylglucoside 6-nitrate, 495.
 $C_{12}H_{21}O_2N$ Ethyl α -cyano- β -methylcoctoate, 153.
 Ethyl α -piperidino- $\beta\beta$ -dimethylacrylate, and its platinichloride, 372.
 $C_{12}H_{23}O_6N$ *N*-Acetyl trimethyl α - and β -methylchondrosaminides, 274.

12 IV

- $C_{12}H_9O_3N_2Br$ 1-Bromo-4-nitroaceto-2-naphthalide, 386.
 $C_{12}H_9O_3NHg$ 6-Nitro-1-naphthol-4-mercuriacetate, 9.
 $C_{12}H_9ClBrP$ Phenyl-*p*-bromophenylchlorophosphine, 279.
 $C_{12}H_{10}ONBr$ 2-Bromoacetyl-1-naphthylamine, 538.
 $C_{12}H_{10}O_2BrP$ Phenyl-*p*-bromophenylphosphonic acid, 279.
 $C_{12}H_{10}O_2N_2S$ Diphenylazoxysulphone, 370.
 $C_{12}H_{10}O_4N_2S_2$ Azobenzene-2:2'-disulphinic acid, sodium salt, 422.
 $C_{12}H_{12}ONCl$ ω -Amino- β -acetonaophthone hydrochloride, 485.
 $C_{12}H_{12}O_3N_4S_3$ 5-(*p*-Acetamidobenzenesulphonamido)thiazole-2-thioamide, 104.
 $C_{12}H_{12}O_4N_4S_2$ 5-(*p*-Acetamidobenzenesulphonamido)thiazole-2-amide, 104.
 $C_{12}H_{15}O_4NS$ 2-Methyl-3-*isopropylideneindolenine* sulphate, 487.
 $C_{12}H_{17}ON_2Cl$ *p*-Ethyl- β -chloroethylaminobenzaldehyde semicarbazone, 490.
 $C_{12}H_{17}O_3NBr_2$ α -Bromo- β -dimethylamino-2-hydroxy-4-methoxypropiofenone hydrobromide, 263.
 $C_{12}H_{16}O_3NCl$ β -Dimethylamino-2-hydroxy-4-methoxypropiofenone hydrochloride, 262.
 $C_{12}H_{20}OIP$ *p*-Anisyldiethylphosphine, 281.
 $C_{12}H_{20}O_3Cl_2S$ Bis-(2-chlorocyclohexyl) sulphite, 119.

12 V

- $C_{12}H_7O_3N_2Cl_2Fe$ Di-(4-chloropicolinate)hydroxoiron, 26.

 C_{13} Group.

- $C_{13}H_{10}O_3$ 2-Methyl-5:6-benzcoumaran-4:7-quinone, 58.
 $C_{13}H_{12}O_2$ 4-Hydroxy-2-methyl-5:6-benzcoumarin, 58.
 $C_{13}H_{14}O_2$ 1:3-Dihydroxy-2-propylnaphthalenes, 55.
 6-Methoxy-1-acetyl-3:4-dihydronaphthalene, 505.
 1-Phenylheptenyndiols, 143.
 $C_{13}H_{14}O_4$ Ethyl *cis*-indane-1:2-dicarboxylate, 561.
 $C_{13}H_{16}O_3$ Ethyl γ -phenyl- α -methylacetoacetate, 54.
 $C_{13}H_{16}O_7$ 3:4:5-Trimethoxybenzylmalonic acid, 324.
 $C_{13}H_{16}N_2$ 4-Phenyl-1-methylpiperidine-4-nitrile, and its picrate, 266.
 $C_{13}H_{18}O_4$ Methyl $\gamma\gamma$ -dimethoxy- α -phenylbutyrate, 551.
 $C_{13}H_{20}O$ 1-Acetyl-9-methyl- Δ^1 -octalin, 506.
 1-Hydroxy-9-methyl-1-ethynyldecalin, 506.
 $C_{13}H_{22}O_8$ Diethyl acetone glucosaccharate, 67.
 $C_{13}H_{22}N_2$ β -Diethylaminoethylmethylaniline, and its dipicrate, 622.

13 III

- $C_{13}H_9O_2N$ 4-Cyano-2-naphthyl acetate, 540.
 $C_{13}H_{12}O_2N_2$ Ethyl $\alpha\beta$ -dicyano- α -phenylpropionate, 271.
 $C_{13}H_{13}O_2N$ 4-Acetamido-2-naphthyl methyl ether, 451.
 $C_{13}H_{13}O_5N$ 6-Nitroveratrylidenesuccinic acid, 537.
 $C_{13}H_{13}N_2I$ 2-Methyl-6:5-pyrroquinoline methiodide, 618.
 $C_{13}H_{14}O_3N_2$ Dihydroclavatin phenylhydrazone, 418.
 $C_{13}H_{14}O_4N_4$ 3-Methyl- Δ^2 -cyclohexenone 2:4-dinitrophenylhydrazone, 434.
 $C_{13}H_{15}ON_3$ 1-Acetyl-3:4-dihydronaphthalene semicarbazone, 505.
 $C_{13}H_{15}O_3N$ Ethyl β -cyano- β -(4-methoxyphenyl)propionate, 552.
 $C_{13}H_{16}O_5S$ Tosylpantolactone, 96.
 $C_{13}H_{17}O_2N$ *aa*-Bis-(β' -hydroxyethyl)-*o*-tolylacetoneitrile, 267.
 Ethyl 3-phenylpyrrolidine-3-carboxylate, 272.
 3-Phenyl-1-methylpiperidine-3-carboxylic acid, and its salts, 271.
 $C_{13}H_{17}O_2N$ 3-Oximino-2-keto-6-*m*-methoxyphenylhexane, 504.
 $C_{13}H_{21}O_3N_3$ *d*-Dihydropyretrolone semicarbazone, 645.
 $C_{13}H_{22}ON_2$ Dihydro-*m*-xylene nitroloperidine, 435.
 $C_{13}H_{23}O_2N$ *iso*Valeryltropéine, hydrobromide of, 482.
 $C_{13}H_{23}O_3N_3$ Tetrahydropyretrolone methyl ether semicarbazones, 644.
 $C_{13}H_{27}ON$ β -Methyl dodecamide, 154.

13 IV

- $C_{13}H_{10}O_6NBr$ (5-Bromo-2-carbethoxy-3-indolylmethyl)malonic acid, 627.
 $C_{13}H_{12}OCIP$ Phenyl-*p*-anisylchlorophosphine, 281.
 $C_{13}H_{12}O_3N_2S$ Phenyl-*p*-tolylazoxysulphone, 370.
 $C_{13}H_{16}O_2NCl$ 4-(2'-Hydroxyphenyl)-1-methylpiperidine-4-carboxylic acid lactone, hydrochloride, 264.
 $C_{13}H_{16}O_2N_2Cl$ 1-Chloro-5-keto-3:4-dimethoxy-5:6:7:8-tetrahydronaphthalene semicarbazone, 508.
 $C_{13}H_{17}O_4NS$ 2-Methyl-3-*isobutylideneindolenine* sulphate, 487.

 C_{14} Group.

- $C_{14}H_{16}$ Hexahydroanthracene, 291.
 $C_{14}H_{18}$ *trans-as*-Octahydroanthracene, 291.
 Octahydrobenzazulene, 293.
 $C_{14}H_{24}$ Perhydroanthracene, 292.

14 II

- $C_{14}H_8O_2$ Phenanthraquinone, reaction of, with ethylenes, 387.
 $C_{14}H_6Br_2$ 4:4'-Dibromotolan, 614.
 $C_{14}H_{10}O_5$ Clavatin benzoate, 418.
 $C_{14}H_{11}N$ 4-Methylacridine, 679.
 $C_{14}H_{13}N$ Methylacridans, 679.
 $C_{14}H_{16}O$ Octahydrobenzazulone, 293.
 $C_{14}H_{16}O_2$ 1:3-Dihydroxy-2-butylnaphthalenes, 55.
 $C_{14}H_{16}O_3$ 1-(*p*-Methoxyphenyl)hept-4-en-2-yn-1:6-diol, 143.
 $C_{14}H_{16}O_5$ 4:6-Benzylidene 2:3-anhydro- β -methyl-*d*-taloside, 524.
 $C_{14}H_{16}O_6$ Methyl α -acetoxyphenylsuccinate, 551.
 $C_{14}H_{18}O$ 9-Hydroxy-*trans-as*-octahydroanthracene, 291.
ar-Hydroxy-*trans-as*-octahydroanthracene, 292.
 Octahydro-5:6-benz-7-azulol, 293.
 $C_{14}H_{18}O_2$ Tetradecatetraenyndiols, 139.
 $C_{14}H_{18}O_3$ Ethyl γ -phenyl- $\alpha\alpha$ -dimethylacetoacetate, 54.
 Ethyl γ -phenyl- α -ethylacetoacetate, 54.
 6-Keto-3:4-dimethoxy-5-ethyl-5:6:7:8-tetrahydronaphthalene, 510.
 $C_{14}H_{18}O_7$ 2-Benzoyl β -methylglucoside, 498.
 3:4:5-Trimethoxybenzaldehyde diacetate, 323.
 $C_{14}H_{18}N_2$ 4-(*o*-Tolyl)-1-methylpiperidine-4-nitrile, and its picrate, 267
 $C_{14}H_{20}O_{10}$ 2:3:4-Triacetyl α -methylmannuronoside, 588.
 $C_{14}H_{22}O$ 7-Methyltrideca-5:8-diyne-7-ol, 147.
 $C_{14}H_{22}N_2$ Methyl *n*-hexyl ketone phenylhydrazone, 459.
 $C_{14}H_{28}O_2$ $\beta\beta$ -Di-*n*-amylbutyric acid, 153.

14 III

- $C_{14}H_8O_4N_4$ 6:8-Dinitro-2-phenylquinazoline, 623.
 $C_{14}H_{10}OBr_2$ 4:4'-Dibromodeoxybenzoin, 614.
 1:2-Di-(*p*-bromophenyl)-*n*-propan-2-ol, 614.
 $C_{14}H_{10}O_2N_2$ 3-Nitro-1-succinimidonaphthalene, 538.
 $C_{14}H_{10}O_4N_2$ Nitronaphthylmaleamic acids, 386.
 $C_{14}H_{12}O_3N_2$ 4-Methoxyazobenzene-3-carboxylic acid, 623.
 $C_{14}H_{12}O_4N_2$ 3-Nitro-*NN*-diacetyl-1-naphthylamine, 538.
 $C_{14}H_{14}O_2N_2$ Ethyl $\alpha\gamma$ -dicyno- α -phenylbutyrate, 271.
 $C_{14}H_{14}N_2S_2$ Azobenzene-2:2'-di(methylsulphide), 422.
 2-Thio-3- α -naphthyl-5-methyltetrahydro-1:3:5-thiadiazine, 151.
 $C_{14}H_{14}BrP$ Phenyl-*p*-bromophenylethylphosphine, 279.
 $C_{14}H_{15}ON$ Methyl-1:2:3:4-tetrahydroacridones, and their picrates, 426.
 $C_{14}H_{15}O_2N$ Ethyl β -3-indolylidenebutyrate, 487.
 Ethyl β -2-methyl-3-indolylidenepropionate, 487.
 $C_{14}H_{15}ON$ Ethyl β -cyano- β -(4-acetoxyphenyl)propionate, 552.
 $C_{14}H_{16}O_2N_4$ Dimethyl- Δ^2 -cyclohexenone 2:4-dinitrophenylhydrazone, 435.
 $C_{14}H_{17}O_2N_6$ 6-Methoxy-1-acetyl-3:4-dihydronaphthalene semicarbazone, 505.
 $C_{14}H_{17}O_2Cl$ 1-Chloro-3:4-dimethoxy-5-ethyl-7:8-dihydronaphthalene, 508.
 $C_{14}H_{17}O_2N$ *N*-Cinnamoyl-*dl*-methionine, 667.
 4-(2'-Hydroxy-3'-methoxyphenyl)-1-methylpiperidine-4-carboxylic acid lactone, 264.
 $C_{14}H_{17}O_3Cl$ 1-Chloro-6-keto-3:4-dimethoxy-5-ethyl-5:6:7:8-tetrahydronaphthalene, 509.
 $C_{14}H_{18}ON_2$ 4-(2'-Methoxyphenyl)-1-methylpiperidine-4-nitrile, 264.
 $C_{14}H_{18}ON_2$ Ethyl nitroso-3-phenylpiperidine-3-carboxylate, 272.
 $C_{14}H_{18}O_2S$ 2-Tosyl 3:6-anhydro- α -methylgalactopyranoside, 232.
 $C_{14}H_{19}ON$ 2-Methyl-3:4'-*spiro*-(1'-methylpiperidine)coumaran, and its picrate, 264.
 $C_{14}H_{19}ON$ β -Cyano- β -phenylpropionaldehyde diethylacetal, 270.
 Ethyl 2-phenyl-1-methylpyrrolidine-3-carboxylate, and its picrate, 270.
 Ethyl 3-phenylpiperidine-3-carboxylate, 272.
 Methyl 3-phenyl-1-methylpiperidine-3-carboxylate, and its hydrochloride, 271.
 $C_{14}H_{20}O_2S$ 2-Tosyl 2-methylgalactoside, 525.
 $C_{14}H_{21}ON$ 4-Phenyl-4-(α -hydroxyethyl)-1-methylpiperidine, 264.
 $C_{14}H_{21}ON$ 4-(2':3'-Dimethoxyphenyl)-1-methylpiperidine, and its picrate, 264.
 $C_{14}H_{21}O_2N_3$ 2-Keto-6-*m*-methoxyphenylhexane semicarbazone, 504.
 $C_{14}H_{21}O_2N$ Triacetyl *N*-acetyl chondrosamine, 274.
 $C_{14}H_{23}O_2N$ Ethyl 1-methyloctylideneacyanoacetate, 154.
 Ethyl 1-*n*-propylisohexylideneacyanoacetate, 154.

14 IV

- $C_{14}H_6O_{10}N_2Fe$ Dichelidamatoferic acid, and its salts, 26.
 $C_{14}H_6O_{11}N_2Fe$ Dichelidamato-oxyferic acid, salts, 27.
 $C_{14}H_{12}ON_2Br$ 2-Bromo-2'-aldehydodiphenyl semicarbazone, 73.
 $C_{14}H_{12}N_2Cl_2S$ Bis-(*p*-chlorophenyl)methylisothiurea, 534.
 $C_{14}H_{13}O_2N_3S$ 3-Sulphanilamidoindole, 632.
 $C_{14}H_{14}ON_2S_2$ Azoxybenzene-2:2'-di(methylsulphide), 422.
 $C_{14}H_{14}ONBr$ Ethyl 5-bromo-4-phenyl-2-methylpyrrole-3-carboxylate, 485.
 $C_{14}H_{14}O_2N_2S_2$ Dimethyl azobenzene-2:2'-disulphinate, 422.
 $C_{14}H_{15}ON_2Br$ Harmine methobromide, 622.
 $C_{14}H_{16}ONCl$ Ethyl δ -chloro- α -cyano- α -phenylvalerate, 271.
 $C_{14}H_{16}O_2N_4S$ 2-Methyl-8:7-pyrroquinoline methosulphate, 619.
 $C_{14}H_{17}O_2N_3S$ *N*¹-2-Pyridyl-*N*¹-*n*-propylsulphanilamide, 249.
 $C_{14}H_{17}O_2NS$ 2-Methyl-3-cyclopentylideneindolenine sulphate, 487.
 $C_{14}H_{19}ONBr_2$ α -Bromo- β -dimethylamino-2-acetoxy-4-methoxypropiophenone hydrobromide, 263.

- $C_{14}H_{20}O_2NCl$ β -Dimethylamino-2-acetoxy-4-methoxypropiophenone hydrochloride, 262.
 $C_{14}H_{20}O_5NCl$ 2- β -Dimethylaminopropionyl-5-methoxyphenoxyacetic acid hydrochloride, 263.
 $C_{14}H_{21}O_6NS$ β -($\alpha\gamma$ -Dihydroxy- $\beta\beta$ -dimethylbutyramido)- α -phenylethanesulphonic acid, sodium salt, 96.

C₁₅ Group.

- $C_{15}H_{12}Br_2$ 4:4'-Dibromo- α -methylstilbene, 614.
 $C_{15}H_{12}N$ 1-Phenyl-2-methylindole, 674.
 $C_{15}H_{14}O$ 3:5-Dimethylbenzophenone, 235.
 $C_{15}H_{14}O_3$ 4-Acetoxy-2-methyl-5:6-benzcoumaran, 58.
 $C_{15}H_{14}O_4$ 1:3-Diacetoxy-2-methylnaphthalene, 54.
 $C_{15}H_{14}N_2$ 1:2:3:4-Tetrahydroquinolindoles, 618.
 $C_{15}H_{17}N_3$ *cyclo*Hexanone quinolyldrazones, 617.
 $C_{15}H_{18}O_2$ 1:3-Dihydroxy-2-*iso*amyl-naphthalene, 55.
 $C_{15}H_{18}O_3$ Ethyl γ -phenyl- α -allyl-acetoacetate, 58.
 $C_{15}H_{18}O_7$ 6-Benzoyl 1:3:2:4-dimethylene sorbitol, 520.
 $C_{15}H_{20}O_3$ Ethyl γ -phenyl- α -propylacetoacetates, 54.
 $C_{15}H_{20}O_6$ 3-Methyl 4:6-benzylidene α -methyl-*d*-idoside, 526.
 3-Methyl 4:6-benzylidene β -methyl-*d*-idoside, 524.
 $C_{15}H_{20}O_7$ 3-Benzoyl 2-methyl β -methylglucoside, 496.
 $C_{15}H_{22}O_{10}$ Tetra-acetyl 2:4-methylene sorbitol, 521.
 $C_{15}H_{22}N_2$ 2-Geranylaminopyridine, 249.
 $C_{15}H_{25}N$ γ -Phenyl-*n*-amyl-diethylamine, 265.

15 III

- $C_{15}H_{11}O_2N_3$ 3-Nitroso-1-phenyl-2-oximinomethylindole, 674.
 $C_{15}H_{12}OBr_2$ 4:4'-Dibromo- α -methyldeoxybenzoin, 614.
 $C_{15}H_{12}N_3P$ Tri-2-pyridylphosphine, 283.
 $C_{15}H_{12}N_3As$ Tri-2-pyridylarsine, 283.
 $C_{15}H_{13}ON$ 2-Benzyloxyphenylacetone nitrile, 263.
 $C_{15}H_{13}O_2N$ Ethyl 1-keto-2:3-dihydropentindole-2-glyoxylate, 625.
 $C_{15}H_{15}O_3N$ 3-Carboethoxy-4-phenyl-2-methylpyrrole-5-aldehyde, 485.
 Ethyl 1-keto-1:2:3:4-tetrahydrocarbazole-2-carboxylate, 625.
 $C_{15}H_{15}O_3N_3$ Nitrohydroxy-1:2:3:4:12:13-hexahydroquinolindoles, 618.
 $C_{15}H_{16}O_4N_4$ 5-Keto- $\Delta^{4,9}$ -tetrahydrohydrindene 2:4-dinitrophenylhydrazone, 435.
 $C_{15}H_{17}OP$ Phenyl-*p*-anisylethylphosphine, 282.
 $C_{15}H_{17}O_2N$ Ethyl β -7-methyl-3-indolyldienebutyrate, 487.
 $C_{15}H_{17}O_3N$ Ethyl 4-anisyl-2-methylpyrrole-3-carboxylate, 485.
 $C_{15}H_{20}O_3N_2$ 4-(2':3'-Dimethoxyphenyl)-1-methylpiperidine-4-nitrile, 264.
 $C_{15}H_{20}O_5S$ 2-Tosyl 4-methyl 3:6-anhydro- α -methylgalactopyranoside, 232.
 $C_{15}H_{21}O_2N$ 4-Acetyl-4-(2'-methoxyphenyl)-1-methylpiperidine, and its picrate, 264.
 Ethyl 3-phenyl-1-methylpiperidine-3-carboxylate, and its salts, 270.
 $C_{15}H_{21}O_3N_3$ 6-Keto-3:4-dimethoxy-5-ethyl-5:6:7:8-tetrahydronaphthalene semicarbazone, 510.
 $C_{15}H_{21}O_5N_5$ 5:6-Diamino-4-triacetyl-*d*-xylosidaminopyrimidine, 655.
 $C_{15}H_{22}O_5S$ 6-Tosyl 2-methyl methylgalactoside, 231.
 $C_{15}H_{23}O_3N$ 3-Acetamido triacetyl β -methyl-*d*-idoside, 526.
 $C_{15}H_{23}N_2S_2$ 2-Thio-3-phenyl-5-(β -diethylaminoethyl)tetrahydro-1:3:5-thiadiazine, 151.
 $C_{15}H_{23}ON$ 2-Benzoylamino-*n*-octane, 459.
 $C_{15}H_{24}O_2N_2$ 2:3:5-Trimethylgluconic acid phenylhydrazide, 574.
 $C_{15}H_{28}O_2N_2$ Ethyl $\alpha\beta$ -dipiperidinopropionate, 372.

15 IV

- $C_{15}H_{13}ON_3Br_2$ 4:4'-Dibromodeoxybenzoin semicarbazone, 64.
 $C_{15}H_{14}ON_3I$ 7-Acetamido-6:5:2':3'-pyridoquinoline methiodide, 313.
 $C_{15}H_{16}O_2N_2Cl_2$ 4-Amino-6-*d*-ribosidamino-5-(2':5'-dichlorobenzeneazo)pyrimidine, 658.
 6-Amino-4-*d*-xylosidamino-5-(2':5'-dichlorobenzeneazo)pyrimidines, 655, 656.
 $C_{15}H_{17}O_3N_3S$ *p*-Dimethylaminophenyl-*p*-tolylazoxysulphone, 370.
 $C_{15}H_{20}O_3N_3Cl$ 1-Chloro-6-keto-3:4-dimethoxy-5-ethyl-5:6:7:8-tetrahydronaphthalene semicarbazone, 509.
 $C_{15}H_{22}O_3NCl$ β -Hydroxyethyl 4-phenyl-1-methylpiperidine-4-carboxylate hydrochloride, 267.
 β -Piperidino-2-hydroxy-4-methoxypropiophenone hydrochloride, 262.
 $C_{15}H_{23}O_5NS_2$ β -(2-Tosyl- γ -hydroxy- $\beta\beta$ -dimethylbutyramido)ethanesulphonic acid, sodium salt, 96.

C₁₆ Group.

- $C_{16}H_{10}$ Pyrene, compound of, with *s*-trinitrobenzene, 467.

16 II

- $C_{16}H_{12}O_4$ γ -(2-Acetoxy-6-naphthyl)- $\Delta\beta\gamma$ -butenolide, 553.
 $C_{16}H_{14}O_3$ *dl*- α -Hydroxy- $\beta\beta$ -diphenyl- γ -butyrolactone, 96.
 $C_{16}H_{14}O_4$ 2-Benzyloxyphenylpyruvic acid, 263.
 $C_{16}H_{16}O_4$ 1:3-Diacetoxy-2-ethylnaphthalene, 55.
 2-Ethoxy-1-naphthoylpropionic acid, 553.
 2-Ethoxy-6-naphthoylpropionic acid, 553.
 $C_{16}H_{16}N_2$ 3-Amino-2-phenyl-1-ethylindole, hydrochloride of, 673.
 $C_{16}H_{18}O_6$ Ethyl 4-acetoxybenzylidenemalonate, 552.
 $C_{16}H_{20}O_7$ 2-Benzoyl 4:6-ethylidene β -methylglucoside, 497.
 $C_{16}H_{22}O_3$ Ethyl γ -phenyl- α -butylacetoacetates, 54.
 $C_{16}H_{22}O_4$ Ethyl γ -*m*-methoxyphenylpropylacetoacetate, 504.

- C₁₆H₂₂O₆** 2:3-Dimethyl 4:6-benzylidene α -methyl-*d*-idoside, 526.
2:3-Dimethyl 4:6-benzylidene β -methyl-*d*-idoside, 524.
C₁₆H₂₂N₂ γ -Diethylamino- α -phenyl- α -ethylbutyronitrile, 265.
C₁₆H₃₁N β -*n*-Amyl- β -*n*-heptylbutyronitrile, 154.
 β -*n*-Propyl- $\beta\beta$ -diisoamylpropionitrile, 154.
C₁₆H₃₂O₂ β -*n*-Amyl- β -*n*-heptylbutyric acid, 154.
 β -*n*-Propyl- $\beta\beta$ -diisoamylpropionic acid, 154.

16 III

- C₁₆H₁₂O₂N₂** Indole-3-glyoxylic acid anil, 631.
C₁₆H₁₄ON₂ 3-Nitroso-2-phenyl-1-ethylindole, and its pierate, 673.
C₁₆H₁₄OBr₂ 4:4'-Dibromo- α -ethyldeoxybenzoin, 614.
C₁₆H₁₄O₂N₄ β -Formyl- α -phenylpropionic acid 2:4-dinitrophenylhydrazone, 550.
C₁₆H₁₄O₂N₄ Ethyl 1-keto-1:2:3:4-tetrahydrocarbazole-2-glyoxylate, 625.
C₁₆H₁₅N₂I 1-Phenyl-2:3-dimethylquinoxalinium iodide, 491.
C₁₆H₁₆OBr₂ 2:3-Di-(*p*-bromophenyl)-*n*-butan-2-ol, 614.
C₁₆H₁₆O₃N₂ *dl*-Phenylalanine, phenylcarbamyl derivative, 14.
C₁₆H₁₇O₂N 3:4:5-Trimethoxybenzamide, 323.
C₁₆H₁₇O₂N Ethyl β -phthalimidomethylmalonate, 628.
C₁₆H₁₉OP Phenyl-*p*-anisyl-*n*-propylphosphine, 283.
C₁₆H₁₉O₂N $\alpha\alpha$ -Bis-(β -vinylxyethyl)phenylacetoneitrile, 266.
C₁₆H₁₉O₂N₇ 6-Amino-4-*d*-xylosidamino-5-*p*-nitrobenzeneazo-2-methylpyrimidine, 320.
C₁₆H₁₉O₂N 2-Benzoyl 4:6-ethylidene β -methylglucoside 3-nitrate, 496.
C₁₆H₁₉N₂Br [2-Pyrrole]-[4-dimethylaminobenzene]- α -methyltrimethincyanine bromide, 489.
C₁₆H₂₀O₂S 2-Tosyl 4:6-ethylidene β -methylglucoside, 499.
C₁₆H₂₃O₂N $\alpha\alpha$ -Bis-(β -ethoxyethyl)phenylacetoneitrile, 268.
Ethyl 3-benzyl-1-methylpiperidine-3-carboxylate, 271.
Ethyl 3-(*o*-tolyl)-1-methylpiperidine-3-carboxylate, and its salts, 271.
Ethyl 4-(*o*-tolyl)-1-methylpiperidine-4-carboxylate, and its hydriodide, 267.
Propyl 3-phenyl-1-methylpiperidine-3-carboxylates, and their hydrochlorides, 271.
C₁₆H₂₃O₄N $\alpha\alpha$ -Bis-(β -methoxyethoxyethyl)phenylacetoneitrile, 266.
C₁₆H₂₃O₆N α - and β -Penta-acetyl chondrosamines, 273.
C₁₆H₂₇ON β -Thymoxyethyl-diethylamine, and its pierate, 677.
C₁₆H₂₇O₂N Ethyl 1-methyldecylidenecyanoacetate, 153.
C₁₆H₂₇O₂N₃ Nitro-(ϵ -diethylamino- β -pentyl)aminoanisoles, 275.
C₁₆H₂₉ON₃ 3-Amino-4-(ϵ -diethylamino- β -pentyl)aminoanisole, and its dipicrolonate, 275.
C₁₆H₃₃ON β -*n*-Propyl- $\beta\beta$ -diisoamylpropionamide, 154.

16 IV

- C₁₆H₁₁ON₂Br** 4-Benzeneazo-2-bromo-1-naphthol, 539.
C₁₆H₁₄O₃N₄S 2-(*p*-Acetamidobenzenesulphonamido)quinazoline, 623.
C₁₆H₁₅O₃N₂S 3-Acetylsulphanilamidoindole, 632.
C₁₆H₁₅O₃N₂S 8-Nitro-6-methoxy-4-quinazolyl-*p*-toluenesulphonylhydrazine, 623.
C₁₆H₁₆ONCl β -Chloro- β -nitroso- $\alpha\delta$ -diphenylbutane, photolysis of, 452.
C₁₆H₁₆O₆NBr Ethyl bromophthalimidomethylmalonate, 628.
Trimethyl (5-bromo-2-carbethoxy-3-indolylmethyl)malonate, 627.
C₁₆H₁₇O₂N₂S 5-Sulphanilamido-2:3-dimethylindole, 633.
3-Sulphanilamidoethylindole, 632.
C₁₆H₁₇O₂SP Phenyl-*p*-(carboxymethoxy)phenylethylphosphine sulphide, and its salts, 282.
C₁₆H₁₈O₂N₂S Dianisylmethylisothiourea, 534.
C₁₆H₁₈O₂N₂Cl₂ 6-Amino-4-*d*-xylosidamino-5-(2':4'-dichlorobenzeneazo)-2-methylpyrimidine, 320.
C₁₆H₁₈O₂N₂S₂ Di-(*p*-nitrobenzenesulphonyl)tetramethylenediamine, 248.
C₁₆H₁₉OSP Phenyl-*p*-hydroxyphenyl-*n*-butylphosphine sulphide, 281.
C₁₆H₁₉O₂N₂Cl Ethyl *p*-ethyl- β -chloroethylaminobenzylidenecyanoacetate, 490.
C₁₆H₂₀OIP Phenyl-*p*-anisylmethyl-ethylphosphonium iodide, 282.
C₁₆H₂₀O₂N₂S *N*¹-2-Pyridyl-*N*¹-*n*-amylsulphanilamide, 249.
C₁₆H₂₁O₂N₂S 4-Amino-6-triacetyl-*d*-riboseidamino-5-thioformamidopyrimidine, 658.
6-Amino-4-triacetyl-*d*-xylosidamino-5-thioformamidopyrimidine, 655.
C₁₆H₂₂O₁₆NS 2-Tosyl 4:6-ethylidene β -methylglucoside 3-nitrate, 499.
C₁₆H₂₂O₂NCl Allyl 4-phenyl-1-methylpiperidine-4-carboxylate hydrochloride, 267.
C₁₆H₂₂O₂N₂S₂ *NN'*-Disulphanilyltetramethylenediamine, 248.
C₁₆H₂₂O₂NCl Propyl 4-phenyl-1-methylpiperidine-4-carboxylate hydrochlorides, 267.
C₁₆H₂₄O₂NCl Ethyl 2- β -dimethylaminopropionyl-5-methoxyphenoxyacetate hydrochloride, 263.
C₁₆H₃₂O₆N₂S₂ Bis-(*N*-pantoyl- β -aminoethyl) disulphide, 7.
C₁₆H₃₄O₂ClP (+)Di- β -octyloxyphosphorus chloride, 87.

C₁₇ Group.

- C₁₇H₁₂** 2:3-Benzfluorene, 57.

17 II

- C₁₇H₁₂O** 1-Hydroxy-2:3-benzfluorene, 57.
3-Hydroxy-1:2-benzfluorene, 559.
C₁₇H₁₂N₂ 4:4'-Dicyano- α -methylstilbene, 614.
C₁₇H₁₅N 2-Diphenylmethylpyrrole, 485.
C₁₇H₁₆O₄ 1:3-Diacetoxy-2-propylnaphthalenes, 55.
C₁₇H₁₈N₄ 4:4'-Diamidino- α -methylstilbene, and its dihydrochloride, 614.
C₁₇H₂₀O₄ 4:4'-Dihydroxy-3:3'-dihydroxymethyl-5:5'-dimethyldiphenylmethane, 403.
C₁₇H₂₀O₇ 2-Benzoyl 3-methyl β -methylglucoside, 497.
C₁₇H₂₁N₃ 2-Methyl-3-diethylaminomethylpyrroquinolines, and their salts, 618.
C₁₇H₂₂O₇ 2-Benzoyl 3-methyl 4:6-ethylidene β -methylglucoside, 497.

- C₁₇H₂₈O₈** Diethyl benzylidene glucosaccharate, 67.
C₁₇H₂₄O₃ Ethyl γ -phenyl-*iso*amylacetoacetate, 54.
C₁₇H₂₄O₇ Ethyl 3:4:5-trimethoxybenzylmalonate, 324.
C₁₇H₂₅N₃ 1-Phenylmethyl- γ -diethylaminopropylpyrazole, and its hydrochloride, 617.
C₁₇H₂₃N β -*n*-Butyl- β -*n*-nonylbutyronitrile, 154.
C₁₇H₂₃O₂ β -*n*-Butyl- β -*n*-nonylbutyric acid, 154.
 Methyl β -*n*-amyl- β -*n*-heptylbutyrate, 154.
 Methyl β -*n*-propyl- β -*diiso*amylpropionate, 154.

17 III

- C₁₇H₁₁ON₃** 1-Benzeneazo-4-cyano-2-hydroxynaphthalene, 540.
C₁₇H₁₁O₃N₃ 1-(Nitrobenzoyl)-1:2-dihydroquinaldinonitriles, 327.
C₁₇H₁₁O₂N 6-Nitro-1-naphthyl benzoate, 9.
C₁₇H₁₀O₂N₂ Benzoyl-3-nitro-1-naphthylamine, 21.
 4-Nitrobenzo-2-naphthalide, 386.
C₁₇H₁₃O₃N 2-Methoxybenzaldehyde azlactone, 263.
C₁₇H₁₄ON₂ 5-Amino-2:4-diphenylpyrrole, formyl derivative, 130.
C₁₇H₁₄O₂N₄ *p*-*N*-Nitrosomethylaminobenzeneazo- β -naphthol, 400.
C₁₇H₁₅ON₃ *p*-*N*-Methylaminobenzeneazo- β -naphthol, and its hydrochloride, 399.
C₁₇H₁₆O₂N₄ β -Formyl- α -(4-methoxyphenyl)propionic acid 2:4-dinitrophenylhydrazone, 551.
C₁₇H₁₆O₃N₂ 3:4:5-Trimethoxybenzyl alcohol 3:5-dinitrobenzoate, 323.
C₁₇H₁₇ON₃ α -Cyano- α -dibenzylacetic hydrazide, 14.
C₁₇H₁₉ON₃ 2-Methyl-3-morpholinomethylpyrroquinolines, and their hydrochlorides, 618.
C₁₇H₂₁OP Phenyl-*p*-anisyl-*n*-butylphosphine, 281.
C₁₇H₂₁O₂N α -Bis-(β' -vinylxyethyl)-*o*-tolylacetonitrile, 267.
C₁₇H₂₁O₃N 2- β -Piperidinopropionyl-7-methoxycoumarone, salts, 263.
C₁₇H₂₁O₂O₅ 6-Triacetyl-*d*-xylosidamino-2-methylpurine, 320.
C₁₇H₂₃O₂N α -(β' -Piperidinoethyl)- α -phenylbutyrolactone, 268.
C₁₇H₂₄O₈S 2-Tosyl 3-methyl 4:6-ethylidene β -methylglucoside, 499.
C₁₇H₂₆O₂N₂ 3-Phenyl-1-methylpiperidine-3-carboxydiethylamide, 271.
C₁₇H₂₆O₈S 2-Tosyl 3:4:6-trimethyl α -methylgalactoside, 525.
 2-Tosyl 3:4:6-trimethyl β -methylgalactoside, 526.
C₁₇H₂₇ON 2-*n*-Hexylbutyr-*p*-toluidide, 147.
C₁₇H₂₇ON₃ 1-(ϵ -Diethylamino- β -pentyl)-5-methoxybenzimidazole, and its picrate, 276.
C₁₇H₃₁O₂N Ethyl α -cyano- β - β -*di-n*-amylbutyrate, 153.
C₁₇H₃₅ON β -*n*-Butyl- β -*n*-nonylbutyramide, 154.

17 IV

- C₁₇H₂ONCl** 2-Chlorobenzo-1-naphthalide, 538.
 4-Chlorobenzo-2-naphthalide, 539.
C₁₇H₂ONBr 4-Bromobenzo-2-naphthalide, 539.
 2-Bromobenzoyl-1-naphthylamine, 538.
C₁₇H₂ONI 2-Iodobenzoyl-1-naphthylamine, 538.
C₁₇H₁₂O₈N₃S 2:3:4-Trinitrotoluene-*p*-sulphon-1-naphthalide, 561.
C₁₇H₁₃NBrP Phenyl-*p*-bromophenylpyridylphosphines, and their picrates, 280.
C₁₇H₁₄O₂N₃S Toluene-*p*-sulphonyl-3-nitro-1-naphthylamine, 21.
C₁₇H₁₅O₈N₄Cl 1-Chloro-5-keto-4-hydroxy-3-methoxy-5:6:7:8-tetrahydronaphthalene 2:4-dinitrophenylhydrazone, 508.
C₁₇H₁₇O₂N₄Cl Ethyl *p*-methyl- β -chloroethylaminobenzylidenecyanoacetate, 490.
C₁₇H₂₂OIP Phenyl-*p*-anisylmethyl-*n*-propylphosphonium iodide, 283.
C₁₇H₂₃O₇N₃S 6-Amino-5-thioformamido-4-triacetyl-*d*-xylosidamino-2-methylpyrimidine, 320.
C₁₇H₂₄O₂NCl 2- β -Piperidino-5-methoxyphenoxyacetic acid hydrochloride, 263.
C₁₇H₃₀ONI β -Thymoxyethyldiethylamine methiodide, 677.

17 V

- C₁₇H₁₃NBrSP** Phenyl-*p*-bromophenylpyridylphosphine sulphides, 280.

C₁₈ Group.

- C₁₈H₁₂** Chrysene, condensation of, with succinic anhydride, 329.

18 II

- C₁₈H₁₀O₃** 3:4-Benzfluorenone-7- and -8-carboxylic acids, 451, 452.
 1-Phenyl-naphthalene-2':3'-dicarboxylic anhydride, 451.
C₁₈H₁₀O₄ Bishydroxyindone, constitution of, 366.
C₁₈H₁₀O₆ Hydrindantin, 367.
C₁₈H₁₀Br₄ 4:4': γ : δ -Tetrabromo- γ : δ -diphenyl-*n*-hexane, 615.
C₁₈H₁₂O 2-Methylmesobenzanthrone, 99.
C₁₈H₁₂O₂ 3-Hydroxy-2-methylmesobenzanthrone, 100.
C₁₈H₁₂O₃ 1-Methoxy-3:4-benzfluorenone, 451.
C₁₈H₁₂O₄ 1-Phenyl-naphthalenedicarboxylic acids, 452.
C₁₈H₁₄O 1-Methoxy-2:3-benzfluorene, 57.
C₁₈H₁₄O₃ 3-Methoxy-1-phenyl-naphthalene-2'-carboxylic acid, 451.
C₁₈H₁₆Br₆ Hexabromo- γ : δ -diphenyl-*n*-hexane, 613.
C₁₈H₁₆Br₂ 4:4'-Dibromo- α : β -diethylstilbene, 615.
C₁₈H₂₀O₄ 1:3-Diacetoxy-2-butyl-naphthalenes, 55.
C₁₈H₂₀N₂ γ -Benzylmethylamino- α -phenylbutyronitrile, and its reineckate, 270.
C₁₈H₂₀Br₂ Dibromo- γ : δ -diphenyl-*n*-hexane, 613.

- C₁₆H₂₁N₃** 2-Methyl-3-piperidinomethylpyrroquinolines, and their hydrochlorides, 618.
C₁₈H₂₂O₂ Octadeca-hexaenyndiols, 139.
C₁₈H₂₂O₃ 7-Keto-3:4-dimethoxy-13-ethyl-5:6:7:9:10:13-hexahydrophenanthrene, 510.
C₁₈H₂₂O₃ 7-Keto-3:4-dimethoxy-13-ethyl-5:6:7:8:9:10:13:14-octahydrophenanthrene, 509.
C₁₈H₂₂O₄ 6-Keto-3:4-dimethoxy-5-ethyl-5- γ -ketobutyl-5:6:7:8-tetrahydronaphthalene, 510.
C₁₈H₂₄O₂ 3:4-Dimethoxy-13-ethyl-5:6:7:8:9:10:13:14-octahydrophenanthrene, 509.
C₁₈H₃₅N $\beta\beta$ -Di-*n*-heptylbutyronitrile, 154.
C₁₈H₃₅O₂ $\beta\beta$ -Di-*n*-heptylbutyric acid, 154.
 Methyl β -*n*-butyl- β -*n*-nonylbutyrate, 154.

18 III

- C₁₈H₁₀O₂N₂** 3-Nitro-1-phthalimidonaphthalene, 538.
C₁₈H₁₁OCl 3-Chloro-2-methylmesobenzanthrone, 100.
C₁₈H₁₁OBr 3-Bromo-2-methylmesobenzanthrone, 100.
C₁₈H₁₁O₂N 3-Nitro-2-methylmesobenzanthrone, 100.
C₁₈H₁₃ON 3-Amino-2-methylmesobenzanthrone, 100.
C₁₈H₁₅O₂N 2:3-Dimethoxybenzaldehyde azlactone, 264.
C₁₈H₁₆ON₂ 5-Amino-2:4-diphenylpyrrole, acetyl derivative, 130.
C₁₈H₁₆O₃N₂ *dl*-*N*-Benzoyltryptophan, 631.
C₁₈H₁₇O₂N Ethyl 4- β -naphthyl-2-methylpyrrole-5-carboxylate, 485.
C₁₈H₁₇O₄N α -Cyano- α -*p*-hydroxyphenyl- β -(3:4:5-trimethoxyphenyl)ethylene, 323.
C₁₈H₁₈O₂N₃ 3-Nitroso-5-ethoxy-2-phenyl-1-ethylindole, 674.
C₁₈H₁₈O₃N₄ Ethyl β -formyl- β -phenylpropionate 2:4-dinitrophenylhydrazone, 552.
C₁₈H₁₉ON 5-Ethoxy-2-phenyl-1-ethylindole, 673.
C₁₈H₁₉O₂N *iso*Amyl 1-keto-2:3-dihydropentindole-2-glyoxylate, 625.
C₁₈H₁₉O₅N α -*p*-Hydroxyphenyl- β -(3:4:5-trimethoxyphenyl)acrylamide, 323.
C₁₈H₁₉O₈N Ethyl phthalimidoacetoxymethylmalonate, 628.
C₁₈H₂₀OBr₂ 3:4-Di-(*p*-bromophenyl)-*n*-hexan-3-ol, 615.
C₁₈H₂₀O₄N₂ α -Amino- δ -phenoxyvaleric acid, phenylurethane, 14.
C₁₈H₂₁O₂Cl 1-Chloro-7-keto-3:4-dimethoxy-13-ethyl-5:6:7:9:10:13-hexahydrophenanthrene, 509.
C₁₈H₂₃ON 2-Methylaminomethylene-1-decalone, 502.
C₁₈H₂₃OCl 7-Keto-1-chloro-3:4-dimethoxy-13-ethyl-5:6:7:8:9:10:13:14-octahydrophenanthrene, 509.
C₁₈H₂₃O₂N 3-Acetamido 2-acetyl 4:6-benzylidene β -methyl-*d*-idoside, 526.
C₁₈H₂₃N₂Br [3:5-Dimethyl-2-pyrrole]-[4-dimethylaminobenzene]- α -methyltrimethinecyanine bromide, 489.
C₁₈H₂₆O₂Cl 1-Chloro-3:4-dimethoxy-13-ethyl-5:6:7:8:9:10:13:14-octahydrophenanthrene, 509.
C₁₈H₂₆O₃S 6-Tosyl 3:4-acetone 2-methyl α -methylgalactoside, 231.
C₁₈H₂₇ON₃ 1-(ϵ -Diethylamino- β -pentyl)-5-methoxy-2-methylbenzimidazole, and its dipicrate, 276.
 1-(ϵ -Diethylamino- β -pentyl)-6-methoxy-2-methylbenzimidazole, and its dipicronate, 276.

18 IV

- C₁₈H₁₃O₆N₂Fe** Tripicolinatoiron, 26.
C₁₈H₁₇O₆N₄Cl 1-Chloro-5-keto-3:4-dimethoxy-5:6:7:8-tetrahydronaphthalene 2:4-dinitrophenylhydrazone, 508.
C₁₈H₁₉O₂N₂S 5-Acetylsulphanilamido-2:3-dimethylindole, 632.
 3-Acetylsulphanilamidoethylindole, 632.
C₁₈H₂₁O₃SP Phenyl-*p*-(carboxymethoxy)phenyl-*n*-butylphosphine sulphide, and its salts, 281.
C₁₈H₂₃O₃N₃S *N*⁴-Acetyl-*N*¹-2-pyridyl-*n*-amylsulphanilamide, 249.

18 VI

- C₁₈H₁₆NBrISP** Phenyl-*p*-bromophenyl-2-pyridylphosphine sulphide methiodide, 280.

C₁₉ Group.

- C₁₉H₁₃O₃** 3-Acetoxy-1:2-benzfluorenone, 559.
C₁₉H₁₄O₂ 1-Acetoxy-2:3-benzfluorene, 57.
 3-Acetoxy-1:2-benzfluorene, 559.
 3-Methoxy-2-methylmesobenzanthrone, 100.
C₁₉H₁₄O₃ 3-Acetoxy-1:2-benzfluoreneol, 559.
C₁₉H₁₆O₂ 1:1-Diphenylheptenyndiols, 143, 144.
C₁₉H₁₆O₅ 2:3:4:6-Tetramethoxyphenanthrene-9-aldehyde, 328.
C₁₉H₁₆O₆ Tetramethoxyphenanthrene-9-carboxylic acids, 328.
C₁₉H₂₀O₅N Ethyl α -benzyl- γ -phenylacetacetate, 57.
C₁₉H₂₀O₄ Tetramethoxy-9-methylphenanthrenes, and their picrates, 328, 329.
C₁₉H₂₂O₄ 1:3-Diacetoxy-2-*iso*amyl-naphthalene, 55.
C₁₉H₃₀O₂ Methyl elaidate, photo-oxidation of, 243.
 Methyl oleate, combination of, with oxygen, 105.
C₁₉H₃₀O₂ Methyl $\beta\beta$ -di-*n*-heptylbutyrate, 154.
C₁₉H₃₀N₃ 11-(ϵ -Diethylamino- β -pentyl)aminolupinane, and its tripicronate, 276.

19 III

- C₁₉H₁₆O₂N₂** 5-Amino-2:4-diphenylpyrrole, acetyl-formyl derivative, 130.
C₁₉H₁₆O₁₁N₂ Methyl 3:4-di-*p*-nitrobenzoyl *d*-erythronate, 228.
C₁₉H₁₆O₆N₃ α -Cyano- α -*p*-anisyl- β -(2-nitro-3:4:5-trimethoxyphenyl)ethylene, 323.
C₁₉H₁₆O₅N 6:7:8-Trimethoxy-3-(*m*-methoxyphenyl)carbostyryl, 328.
C₁₉H₁₆O₆N *cis*- and *trans*-2-Nitro-3:4:5-trimethoxy- α -*m*-methoxyphenylcinnamic acids, 328.
C₁₉H₂₀O₂N₃ 4-Dimethylamino-4'-acetamidochalkone, 622.
C₁₉H₂₀O₅N₂ Tetramethoxyphenanthrene-9-aldehyde hydrazides, 328.
C₁₉H₂₁O₆N 2-Amino-3:4:5-trimethoxy- α -*m*-methoxyphenylcinnamic acid, 328.
C₁₉H₂₄O₃N₂ Quinolinol, and its sulphate, 335.

- $C_{15}H_{24}O_4N_4$ 1-Acetyl-9-methyl- Δ^1 -octalin 2:4-dinitrophenylhydrazone, 506.
 $C_{15}H_{23}ON_3$ 9- β -Diethylaminoethylharminine, and its hydrochloride, 622.
 $C_{15}H_{27}O_5N_3$ 7-Keto-3:4-dimethoxy-13-ethyl-5:6:7:8:9:10:13:14-octahydrophenanthrene semicarbazone, 509.
 $C_{16}H_{35}O_2N$ Ethyl α -cyano- β -*n*-amyl- β -*n*-heptylbutyrate, 154.
 Ethyl α -cyano- β -*n*-propyl- β -*iso*amylpropionate, 154.

19 IV

- $C_{15}H_{15}O_4N_2Br$ 2-Bromo-2'-aldehydodiphenyl 2:4-dinitrophenylhydrazone, 73.
 $C_{15}H_{16}OBrP$ Phenyl-*p*-bromophenyl-*p*-anisylphosphine, 283.
 $C_{15}H_{18}O_4NBr$ α -Cyano- α -*p*-anisyl- β -(2-bromo-3:4:5-trimethoxyphenyl)ethylene, 323.
 $C_{15}H_{20}O_5NBr$ α -*p*-Anisyl- β -(2-bromo-3:4:5-trimethoxyphenyl)acrylamide, 323.
 $C_{15}H_{21}O_6NS$ Ethyl 3-*p*-toluenesulphonamidophthalate, 451.
 $C_{15}H_{23}O_6NBr$ Ethyl (5-bromo-2-carbethoxy-3-indolylmethyl)malonate, 627.
 $C_{15}H_{23}N_2Cl_2I$ 2-*p*-Di- β -chloroethylaminostyrylpyridine ethiodide, 491.
 $C_{15}H_{23}N_2ClI$ 2-*p*-Ethyl- β -chloroethylaminostyrylpyridine ethiodide, 491.
 $C_{15}H_{25}O_2NCl$ *cyclo*Hexyl 4-phenyl-1-methylpiperidine-4-carboxylate hydrochloride, 267.
 $C_{15}H_{25}O_5NCl$ Ethyl 2- β -piperidino-5-methoxyphenoxyacetate hydrochloride, 263.

19 V

- $C_{15}H_{20}N_2ClIS$ 2-*p*-Methyl- β -chloroethylaminostyrylbenzthiazole methiodide, 491.

 C_{20} Group.

- $C_{20}H_{14}$ 1:2:3:4:5:6-Tribenz- $\Delta^{1:3:5:7}$ -*cyclo*octatetraene, 72; absorption spectrum and structure of, 73.
 $C_{20}H_{20}$ 3'-*iso*Propyl-1:2-*cyclo*pentenophenanthrene, 505.

20 II

- $C_{20}H_{14}O_4$ Bisdimethoxyindone, 367.
o-Diphenylbenzene-2':2''-dicarboxylic acid, 72.
 $C_{20}H_{14}Br_2$ 1:2:3:4:5:6-Tribenz- $\Delta^{1:3:5:7}$ -*cyclo*octatetraene 7:8-dibromide, 73.
 $C_{20}H_{16}N$ 1:2-Diphenylindole, 674.
 $C_{20}H_{16}O_4$ Methyl 1-phenylnaphthalene-2':3'-dicarboxylate, 451.
 $C_{20}H_{18}O_8$ 1:4-Dihydroxy-1:4-di-(4'-hydroxy-3'-methoxyphenyl)butane-2:3-dicarboxylactone, 536.
 $C_{20}H_{18}N_2$ 4:4'-Dicyano- α - β -diethylstilbene, 613.
 5-Phenyl-7-(aminophenyl)-4-azahydrindenes, 621.
 $C_{20}H_{20}O$ 4-Hydroxy-3-*isopropyl*-1:2-*cyclo*pentenophenanthrene, 505.
 $C_{20}H_{20}O_6$ Methyl 2:3:4:6-tetramethoxyphenanthrene-9-carboxylate, 328.
 Tetramethoxyphenanthrene-9-aldehydes, 328.
 $C_{20}H_{20}N_2$ 4:4'-Dicyano- γ -diphenyl-*n*-hexane, 613.
 $C_{20}H_{22}O_8$ 1:6-Dibenzoyl sorbitol, 60.
 $C_{20}H_{24}O_6$ 1:2:3:5:6:7-Hexamethoxy-9:10-dihydroanthracene, 324.
 $C_{20}H_{24}N_4$ *trans*-4:4'-Diamidino- α -ethylstilbene, and its hydrochloride, 614.
*N'**N''*-Diphenyl-*N*-(γ -diethylaminopropyl)guanidine, salts, 534.

20 III

- $C_{20}H_{12}O_4N_4$ 4:4'-Dinitro-1:1'-azonaphthalene, 16.
 $C_{20}H_{12}O_5N_4$ 1:6-Dinitronaphthalene-2-azo- β -naphthol, 10.
 4:4'-Dinitronaphthalene-1':2-azo-1-naphthol, 17.
 $C_{20}H_{13}O_3N_3$ 3-Nitronaphthalene-azo- β -naphthol, 538.
 4-Nitronaphthalene-2-azo- β -naphthol, 386.
 $C_{20}H_{13}O_4N_5$ 4:4'-Dinitronaphthalene-1':2-azo-1-naphthylamine, 17.
 $C_{20}H_{14}ON_2$ 3-Nitroso-1:2-diphenylindole, 674.
 $C_{20}H_{16}O_2N_2$ 5-Phenyl-7-(nitrophenyl)-4-azahydrindenes, 621.
 $C_{20}H_{16}O_4N_4$ 2-Hydroxy-6-naphthoylpropionic acid 2:4-dinitrophenylhydrazone, 553.
 $C_{20}H_{17}O_6N_3$ 1-(2'-Nitro-3':4':5'-trimethoxybenzoyl)-1:2-dihydroquinaldinonitrile, 327
 $C_{20}H_{18}O_6N_2$ 5-Amino-2:4-diphenylpyrrole, diacetyl derivative, 131.
 $C_{20}H_{18}O_4N_2$ 1-(3':4':5'-Trimethoxybenzoyl)-1:2-dihydroquinaldinonitrile, 327.
 $C_{20}H_{19}OP$ Phenyl-*p*-anisyl-*p*-tolylphosphine, 283.
 $C_{20}H_{19}ON$ Ethyl β -phenyl- β -2-methyl-3-indolylidenepropionate, 487.
 7-Methyloctadienylnol α -naphthylurethanes, 141.
 $C_{20}H_{20}ON_4$ Octahydrobenzazulone 2:4-dinitrophenylhydrazone, 293.
 $C_{20}H_{22}O_2S$ (+)Bis- α -carbethoxybenzyl sulphite, 90.
 $C_{20}H_{23}O_2P$ (-)Bis- α -carbethoxybenzyl hydrogen phosphite, 88.
 $C_{20}H_{24}ON_2$ 4:4'-Diamidino- α - β -diethylstilbene, 614.
 $C_{20}H_{24}O_3N_2$ 3-Acetyl-6'-methoxyrubanol, 335.
 $C_{20}H_{26}N_2Cl_2$ *N'**N''*-Bis-(*p*-chlorophenyl)-*N*-(γ -diethylaminopropyl)guanidine, salts, 534.
 $C_{20}H_{27}ON$ 7-Methyloctan-2-ol α -naphthylurethane, 141.
 $C_{20}H_{32}N_4S_2$ *p*-Diethylaminophenyl ammonium *p*-diethylaminophenyldithiocarbamate, 151.
 $C_{20}H_{37}O_2N$ Ethyl α -cyano- β -*n*-butyl- β -*n*-nonylbutyrate, 154.

20 IV

- $C_{20}H_{14}O_2N_2Br_2$ 3:4-Dicyano-3:4-di-(*p*-bromophenyl)-2:5-diketo-*n*-hexane, 613.
 $C_{20}H_{18}O_6N_4S_2$ *m*-Phenylenebis-(*p*-tolylazoxysulphone), 371.
 $C_{20}H_{19}ONP$ Phenyl-*p*-anisyl-*p*-tolylphosphine sulphide, 283.
 $C_{20}H_{19}NSBrP$ Phenyl-*p*-bromophenyl-*p*-dimethylaminophenylphosphine, 279.
 $C_{20}H_{20}ON_3Cl$ 1-Phenyl-3-methyl-4-*p*-methyl- β -chloroethylaminobenzylidene-5-pyrazolone, 490.
 $C_{20}H_{21}O_4N_4Cl$ 1-Chloro-6-keto-3:4-dimethoxy-5-ethyl-5:6:7:8-tetrahydronaphthalene 2:4-dinitrophenylhydrazone, 508.

- C₂₀H₂₁N₃ClH** 2-*p*-Methyl- β -chloroethylaminostyryl-3:4-dihydro-3-quinoxalone methiodide, 491.
C₂₀H₂₂O₁₉N₄S₂ 1:6-Bis-*p*-nitrobenzenesulphonamido dimethylene mannitol, 157.
C₂₀H₂₃ON₃Cl 4-(2'-Benzzyloxyphenyl)-1-methylpiperidine-4-nitrile hydrochloride, 264.
C₂₀H₂₆O₄N₄S₂ *N,N'*-Di(acetylsulphanilyl)tetramethylenediamine, 248.
C₂₀H₂₈O₃N₂Br₂ 3-Hydroxyethyl-6'-methoxyrubanol dihydrobromide, 335.

20 V

- C₂₀H₁₈ONCl₃S** 6-Chloro-4-methyl-2-*p*-di- β -chloroethylaminobenzylidenethioindoxyl, 491.
C₂₀H₁₉ON₄IS (1-Methyl-2-oximinomethyl-3-indole)(1-ethyl-2-benzthiazole)- α -azadimethincyanine iodide, 676.
C₂₀H₁₉NBrSP Phenyl-*p*-bromophenyl-*p*-dimethylaminophenylphosphine sulphide, and its salts, 280.
C₂₀H₁₉NBrPSe Phenyl-*p*-bromophenyl-*p*-dimethylaminophenylphosphine selenide, 280.
C₂₀H₂₀ONClS 6-Ethoxy-2-*p*-methyl- β -chloroethylaminobenzylidenethioindoxyl, 491.
C₂₀H₂₁ONClH 2-*p*-Methyl- β -chloroethylaminostyryl-3:4-dihydroquinazolone, 491.
C₂₀H₂₂N₃ClIS 2-*p*-Ethyl- β -chloroethylaminostyrylbenzthiazole methiodide, 491.

C₂₁ Group.

- C₂₁H₁₄** 1:2:6:7-Dibenzfluorene, 559.
C₂₁H₁₈ 2-(β -Phenylethyl)fluorene, 560.
C₂₁H₂₆ 4-Methyl-3-*isopropyl*-1:9:10:11-tetrahydro-1:2-*cyclopentenophenanthrene*, 506.

21 II

- C₂₁H₁₂O₂** Hydroxy-1:2:5:6-dibenzfluorenones, 558, 559.
 2-Hydroxy-3:4-(1':2'-naphtha)fluorenone, 558.
C₂₁H₁₃Br 9-Bromodibenzfluorenes, 557, 559. ●
C₂₁H₁₄O Dibenzfluorenols, 557, 559.
 Hydroxydibenzfluorenes, 558, 559.
C₂₁H₁₄O₃ 1-Keto-3-(2'-naphthyl)indene-2-acetic acid, 558.
 1-Keto-3-phenyl-6:7-benzindene-2-acetic acid, 558.
C₂₁H₁₅N Amino-1:2:5:6-dibenzfluorene, 556.
C₂₁H₁₆O 2-Benzoyl-9:10-dihydrophenanthrene, 560.
C₂₁H₁₆O₂ 3-(2'-Naphthyl)indene-2-acetic acid, 559.
C₂₁H₁₆O₃ 1-Hydroxy-3-phenyl-6:7-benzindene-2-acetic acid, 559.
C₂₁H₂₂O 4-Keto-7-methoxy-3'-*isopropyl*-1:4:9:10:11:12-hexahydro-1:2-*cyclopentenophenanthrene*, 506.
C₂₁H₂₂O₈ 1:6-Dibenzoyl methylene mannitol, 60.
C₂₁H₂₆O₃ 6-Methoxy-2-(3'-*isopropylcyclopentan*-2'-onyl)-1-acetyl-1:2:3:4-tetrahydronaphthalene, 506.
C₂₁H₂₉N₃ 2-Methyl-3-dibutylaminomethylpyrroquinolines, and their salts, 618.
C₂₁H₃₈N₂ 2-Cetylaminopyridine, and its picrate, 249.

21 III

- C₂₁H₁₁O₃N** Nitro-1:2:5:6-dibenzfluorenone, 557. .
C₂₁H₁₃ON Amino-1:2:5:6-dibenzfluorenone, 557.
C₂₁H₁₃O₂N Nitro-1:2:5:6-dibenzfluorene, 556.
C₂₁H₁₃O₂N₃ 2-Hydroxy-4-cyano-1-naphthaleneazo- β -naphthol, 540.
C₂₁H₁₄O₂Br₂ α : α -Di-(*o*-bromophenyl)cinnamic acid, 73.
C₂₁H₁₄O₃S 1:2:5:6-Dibenzfluorenesulphonic acid, 557.
C₂₁H₁₆OBr₂ 4:4'-Dibromo- α -benzyldeoxybenzoin, 615.
C₂₁H₁₇ON 2-Benzoyl-9:10-dihydrophenanthrene oxime, 560.
C₂₁H₁₉O₂N₃ 3-Carbethoxycyanomethyleneamino-2-phenyl-1-ethylindole, 675.
C₂₁H₁₉O₂P Phenyl-*p*-benzoyloxyphenylethylphosphine, 282.
C₂₁H₁₉N₂I 3-Indole-3'-(2'-methylindole)- α -methyltrimethincyanine iodide, 487.
C₂₁H₂₀NI 5:7-Diphenyl-4-azahydrindene methiodide, 621.
C₂₁H₂₃N₃Br Bis-2-(3:5-dimethylpyrrole)- α -phenyltrimethincyanine bromide, 485.
C₂₁H₂₃O₂N₂ Ethyl α -cyano- γ -benzylmethylamino- α -phenylbutyrate, 270.
C₂₁H₂₄O₃S 2-Tosyl 4:6-benzylidene α -methylgalactoside, 525.
 2-Tosyl 4:6-benzylidene β -methylgalactoside, 524.
C₂₁H₂₆O₁₀S₂ 1:6-Ditosyl 2:4-methylene sorbitol, 520.
 2:6-Ditosyl α -methylgalactoside, 231.
C₂₁H₂₉O₂N 3-Methylnonan-1-ol α -naphthylurethane, 147.
C₂₁H₃₀O₂N Ethyl α -cyano- $\beta\beta$ -di-*n*-heptylbutyrate, 154.

21 IV

- C₂₁H₁₆O₂SP** Phenyl-*p*-benzoyloxyphenylethylphosphine sulphide, 282.
C₂₁H₂₀O₄N₂S Bis-3-[2-methylindole]trimethincyanine sulphate, 487.
C₂₁H₂₂ON₃Cl 1-Phenyl-3-methyl-4-*p*-ethyl- β -chloroethylaminobenzylidene-5-pyrazolone, 491.
C₂₁H₂₅O₇N₂Cl₂ 4-Amino-6-triacetyl-*d*-ribosidamino-5-(2':5'-dichlorobenzeneazo)pyrimidine, 658.
 6-Amino-4-triacetyl-*d*-xylosidamino-5-(2':5'-dichlorobenzeneazo)pyrimidines, 655, 656.
C₂₁H₂₃N₃ClH 2-*p*-Methyl- β -chloroethylaminostyryl-3-methylquinoxaline methiodide, 491.
C₂₁H₂₇O₂N₃S *N*¹-Geranyl-*N*¹-2-pyridylsulphanilamide, 249.

21 V

- C₂₁H₂₅ON₃ClH** 2-*p*-Methyl- β -chloroethylaminostyryl-4-methyl-3:4-dihydro-3-quinoxalone methiodide, 492.

21 VI

- C₂₁H₂₂NBrISP** Phenyl-*p*-bromophenyl-*p*-dimethylaminophenylphosphine sulphide methiodide, 280.

C₂₂ Group.

- C₂₂H₁₆ 9-Methyl-1:2:5:6-dibenzfluorene, 557.
 C₂₂H₁₈ 5':6':7':8'-Tetrahydro-1:2-(2':3'-naphtha)phenanthrene, 330.

22 II

- C₂₂H₂O₃ 1:2:3:4:5:6-Tribenz-Δ^{1:3:5:7}-cyclooctatetraene-7:8-dicarboxylic anhydride, 72.
 C₂₂H₁₄O₂ 7-Methoxy-1:2:5:6-dibenzfluorenone, 558.
 C₂₂H₁₆O Keto-5':6':7':8'-tetrahydro-1:2-(2':3'-naphtha)phenanthrene, 330.
 7-Methoxy-1:2:5:6-dibenzfluorene, 558.
 9-Methyl-1:2:5:6-dibenz-9-fluorene, 557.
 C₂₂H₁₆O₂ 1-Methoxy-4-(2'-naphthoyl)naphthalene, 559.
 C₂₂H₁₆O₃ Methyl 1-keto-3-phenyl-6:7-benzindene-2-acetate, 558.
 C₂₂H₁₈O₃ Methyl 1-hydroxy-3-phenyl-6:7-benzindene-2-acetate, 559.
 C₂₂H₂₀O₇ 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)-1:2-dihydronaphthalene-2:3-dicarboxylic anhydride, 537.
 C₂₂H₂₁N₃ 2-Methyl-3-tetrahydroisoquinolylpyrroquinolines, and their hydrochlorides, 618.
 C₂₂H₂₂O₈ 1:6-Dibenzoyl dimethylene sorbitol, 60.
 5:6-Dibenzoyl 1:3-2:4-dimethylene sorbitol, 520.
 1:4-Dihydroxy-1:4-di-(3':4'-dimethoxyphenyl)butane-2:3-dicarboxylactone, 537.
 6:7-Dimethoxy-1-(3':4'-dimethoxyphenyl)-1:2-dihydronaphthalene-2:3-dicarboxylic acid, 537.
 Methyl 7-hydroxy-6-methoxy-1-(4'-hydroxy-3'-methoxyphenyl)-1:2-dihydronaphthalene-2:3-dicarboxylate, 537.
 C₂₂H₂₂N₂ 5-Phenyl-7-(*p*-dimethylaminophenyl)-4-azahydrindene, and its hydrochloride, 621.

22 III

- C₂₂H₁₆ON₂ 12-Methoxy-10-methylphenanthrazine, 622.
 C₂₂H₂₀O₃N₃ 5-Amino-2:4-diphenylpyrrole, triacetyl derivative, 131.
 C₂₂H₂₀O₇N₄ 2-Ethoxy-6-naphthoylpropionic acid 2:4-dinitrophenylhydrazone, 553.
 C₂₂H₂₀O₁₃N₂ 5:6-Di-*p*-nitrobenzoyl 2:3-dimethyl *d*-araboascorbic acid, 228.
 6:6'-Dinitro-1:4-dihydroxy-1:4-di-(3':4'-dimethoxyphenyl)butane-2:3-dicarboxylactone, 537.
 C₂₂H₂₄O₆N₂ 1:6-Bis-*N*-salicylideneamino dimethylene mannitol, 157.
 C₂₂H₂₅O₆N Colchicine, purification of, 677.
 C₂₂H₂₆O₂N₂ Ethyl α -cyano- δ -benzylmethylamino- α -phenylvalerate, 270.
 C₂₂H₂₆O₈S 2-Tosyl 3-methyl 4:6-benzylidene α -methylgalactoside, 525.
 C₂₂H₂₆O₁₀S₂ 1:6-Ditosyl dimethylene sorbitol, 60.
 C₂₂H₃₁O₂N 4-Methyldecan-2-ol α -naphthylurethane, 146.
 C₂₂H₃₂O₂N₄ *N*'*N*''-Dianisyl-*N*-(γ -diethylaminopropyl)guanidine, and its salts, 534.

22 IV

- C₂₂H₂₁ON₃Cl₃ 1-Phenyl-3-methyl-4-*p*-di- β -chloroethylaminobenzylidene-5-pyrazolone, 491.
 C₂₂H₂₂ONI 5-Phenyl-7-(*p*-anisyl)-4-azahydrindene methiodide, 621.
 C₂₂H₂₃O₄N₂S Bis-[2-methyl-3-indole]- α -methyltrimethincyanine sulphate, 487.
 C₂₂H₂₃O₂N₂Br 2-Pyrrole-2'-(3'-carbethoxy-4'-phenyl-5'-methylpyrrole)- α -methyltrimethincyanine bromide, 485.
 C₂₂H₂₄ON₃Cl₃ 2-Di- β -chloroethylaminostyryl-4-methyl-3:4-dihydroquinoxalone methochloride, 492.
 C₂₂H₂₄O₇N₆Cl₂ 6-Amino-4-triacetyl-*d*-xylosidamino-5-(2':4'-dichlorobenzeneazo)-2-methylpyrimidine, 320.
 C₂₂H₂₄N₂ClI *p*-Ethyl- β -chloroethylaminostyrylquinoline methiodide, 491.
 C₂₂H₂₄N₃ClI 2-*p*-Ethyl- β -chloroethylaminostyryl-3-methylquinoxaline methiodide, 491.
 C₂₂H₂₄N₂ClI 2-*p*-Methyl- β -chloroethylaminostyryl-3:3-dimethylindolenine methiodide, 491.
 C₂₂H₂₅O₄N₄S₂ 4:4'-Diamidino- γ δ -diphenyl-*n*-hexane isethionate, 613.

22 V

- C₂₂H₂₅O₅N₃Cl₂S 2-*p*-Di- β -chloroethylaminostyryl-3:4-dihydro-3-quinoxalone methosulphate, 492.

C₂₃ Group.

- C₂₃H₁₄O₃ Acetoxy-1:2:5:6-dibenzfluorenones, 558, 559.
 2-Acetoxy-3:4-(1':2'-naphtha)fluorenone, 558.
 C₂₃H₁₆O Acetyl-1:2:5:6-dibenzfluorene, 557.
 C₂₃H₁₆O₂ 7-Acetoxy-1:2:5:6-dibenzfluorene, 558.
 1:2:5:6-Dibenzfluorenyl-9-acetic acid, 557.
 C₂₃H₁₈O 9-Ethyl-1:2:5:6-dibenz-9-fluorene, 557.
 C₂₃H₂₀O₄ Methyl γ -phenyl- γ -2-naphthylitaconate, 557.
 C₂₃H₂₄O₈ Methyl 7-hydroxy-6-methoxy-1-(3':4'-dimethoxyphenyl)-1:2-dihydronaphthalene-2:3-dicarboxylate, 537.
 C₂₃H₄₂N₂ 2-Octadecylaminopyridine, 249.
- 23 III
- C₂₃H₁₇ON Acetyl-1:2:5:6-dibenzfluorene oxime, 557.
 C₂₃H₁₇O₃N 2-Benzoyloxybenzaldehyde azlactone, 263.
 C₂₃H₂₂N₃I (2-Phenyl-1-ethyl-3-indole)(1-methyl-2-pyridine)- α -azadimethincyanine iodide, 674.
 (2-Phenyl-1-ethyl-3-indole)(1-methyl-4-pyridine)- α -azadimethincyanine iodide, 674.
 C₂₃H₂₃O₂P Phenyl-*p*-benzoyloxyphenyl-*n*-butylphosphine, 281.
 C₂₃H₂₃O₂P Phenyl-*p*-benzoyloxyphenyl-*n*-butylphosphine oxide, 281.
 C₂₃H₂₅N₂Br [3:5-Dimethyl-2-pyrrole]-[4-dimethylaminobenzene]- α -phenyltrimethincyanine bromide, 489.
 C₂₃H₂₈O₂N₂ Ethyl α -cyano- δ -benzylmethylamino- α -benzylvalerate, 271.
 Ethyl α -cyano- δ -benzylmethylamino- α -*o*-tolylvalerate, 271.

23 IV

- $C_{23}H_{21}N_2ClI$ (2-*p*-Chlorophenyl-1-ethyl-3-indole)(1-methylpyridine)- α -azadimethincyanine iodides, 675.
 $C_{23}H_{23}O_2SP$ Phenyl-*p*-benzoyloxyphenyl-*n*-butylphosphine sulphide, 281.
 $C_{23}H_{27}N_2Cl_2I$ 2-*p*-Di- β -chloroethylaminostyryl-3:3-dimethylindolenine methiodide, 491.
 $C_{23}H_{40}O_2N_2S$ Heptadecyl-*p*-nitrobenzenesulphonamide, 248.
 $C_{23}H_{42}O_2N_2S$ *N*¹-*n*-Heptadecylsulphanilamide, 248.

C₂₄ Group.

- $C_{24}H_{12}$ Coronene, compound of, with *s*-trinitrobenzene, 467.
 $C_{24}H_{16}$ Tetraphenylene, absorption spectrum and structure of, 73.

24 II

- $C_{24}H_{18}O_2$ Methyl 1:2:5:6-dibenzfluorenyl-9-acetate, 557.
 $C_{24}H_{26}O_8$ Methyl 6:7-dimethoxy-1-(3':4'-dimethoxyphenyl)-1:2-dihydronaphthalene-2:3-dicarboxylate, 537.

24 III

- $C_{24}H_{16}O_2N_2$ 3-Nitro-*NN*-dibenzoyl-1-naphthylamine, 538.
 $C_{24}H_{20}O_8N_2$ 1:6-Phthalimido dimethylene mannitol, 156.
 $C_{24}H_{21}N_3Br$ 2-Pyrrole-2'-(3':5'-diphenylpyrrole)- α -methyltrimethincyanine bromide, 484.
 $C_{24}H_{25}ON_2$ 5-(*p*-Acetamidophenyl)-7-(*p*-dimethylaminophenyl)-4-azahydrindene, 622.
 $C_{24}H_{26}O_2N_2$ [2-Methyl-3-indole]-[4-dimethylaminobenzene]- β -carbethoxy- α -methyltrimethincyanine, 489.
 $C_{24}H_{26}O_2N_2$ Dec-2-en-5-yn-4:7-diol bisphenylurethane, 143.
 $C_{24}H_{26}O_4N_4$ 7-Keto-3:4-dimethoxy-13-ethyl-5:6:7:9:10:13-hexahydrophenanthrene 2:4-dinitrophenylhydrazone, 510.
 $C_{24}H_{28}O_3N_2$ 4-Acetamidophenacyl-4'-dimethylaminophenyl-2''-ketocyclopentylmethane, 622.
 $C_{24}H_{30}O_{10}S_2$ 2:6-Ditosyl 3:4-acetone α -methylgalactoside, 231.
 $C_{24}H_{51}O_3P$ (–)Tri- β -octyl phosphite, 88.

24 IV

- $C_{24}H_{20}O_6N_2S_2$ 3-Nitro-1-*NN*-bistoluene-*p*-sulphonylnaphthylamine, 538.
 $C_{24}H_{25}O_6N_4Cl$ 1-Chloro-7-keto-3:4-dimethoxy-13-ethyl-5:6:7:9:10:13-hexahydrophenanthrene 2:4-dinitrophenylhydrazone, 509.
 $C_{24}H_{28}O_8N_2S$ Dimethyldiveratrocopyrine methosulphate, 617.

C₂₅ Group.

- $C_{25}H_{19}O_4N$ Diacetyl-amino-1:2:5:6-dibenzfluorene, 557.
 $C_{25}H_{39}O_6N$ Delpheline, 665.

25 IV

- $C_{25}H_{22}N_2ISe$ (2-Phenyl-1-ethyl-3-indole)(1-methyl-2-benzelenazole)- α -azadimethincyanine iodide, 675.
 $C_{25}H_{24}O_2N_2S$ Tetramethoxyphenanthrene-9-aldehyde benzenesulphonhydrazides, 328.
 $C_{25}H_{25}O_2N_2Br$ Bis-[2-methyl-3-indole]- β -carbethoxy- α -methyltrimethincyanine bromide, 487.
 $C_{25}H_{26}N_2IS$ (2-Phenyl-1-ethyl-3-indole)(1-methyl-2-tetrahydrobenzthiazole)- α -azadimethincyanine iodide, 675.
 $C_{25}H_{27}O_2N_2Br$ [4-Carbethoxy-3-phenyl-3-methyl-2-pyrrole]-[4-dimethylaminobenzene]trimethincyanine bromide, 489.
 $C_{25}H_{44}O_3N_2S$ *N*⁴-Acetyl-*N*¹-*n*-heptadecylsulphanilamide, 248.

C₂₆ Group.

- $C_{26}H_{18}O_3$ 9-Hydroxydixanthyl, 70.
 $C_{26}H_{20}O_2$ 9-Xanthylidiphenylcarbinol, 70.
 $C_{26}H_{20}O_4$ Xanthopinacol, pyrolysis of, 305.
 $C_{26}H_{24}N_2$ [2-Phenyl-3-indole]-[4-dimethylaminobenzene]- α -methyltrimethincyanine, 489.
 $C_{26}H_{28}O_6$ 6-Trityl methylglucofuranoside, 573.
 6-Trityl α -methylmannofuranoside, 576.
 $C_{26}H_{31}N_3$ 5-Phenyl-7-(β -diethylaminoethylaminophenyl)-4-azahydrindenes, and their hydrochlorides, 622.
 $C_{26}H_{37}N_3$ Bis-(4-phenyl-1-methylpiperidyl-4-methyl)amine, 265.

26 III

- $C_{26}H_{22}ON_4$ 3-1'-Phenyl-3'-methyl-4'-pyrazolylamino-2-phenyl-1-ethylindole, 675.
 $C_{26}H_{24}O_2N_2$ *n*-Butane-1:3-diol di- α -naphthylurethane, 300.
 $C_{26}H_{27}O_6N$ 6-Trityl β -methylglucoside 3-nitrate, 494.
 $C_{26}H_{28}O_2N_2$ [4-Carbethoxy-3-phenyl-5-methyl-2-pyrrole]-[4-dimethylaminobenzene]- α -methyltrimethincyanine, 489.
 $C_{26}H_{32}O_4N_4$ Vitamin-*A* aldehyde dinitrophenylhydrazone, 411.

26 IV

- $C_{26}H_{23}O_2N_3S$ 5-Phenyl-7-[(*p*-aminobenzenesulphonamido)phenyl]-4-azahydrindenes, 621.
 $C_{26}H_{24}N_2IS$ (2-Phenyl-1-ethyl-3-indole)(1-ethyl-2-benzthiazole)- α -azadimethincyanine iodide, 675.
 $C_{26}H_{25}N_2ClI$ 1-Phenyl-2-*p*-methyl- β -chloroethylaminostyryl-3-methylquinoxalinium iodide, 491.
 $C_{26}H_{26}O_4N_2S$ [2-Methyl-3-indole]-[4-dimethylaminobenzene]- α -phenyltrimethincyanine sulphonate, 489.

26 V

- $C_{26}H_{23}N_3ClIS$ (2-*p*-Chlorophenyl-1-ethyl-3-indole)(1-ethyl-2-benzthiazole)- α -azadimethincyanine iodide, 675.

C₂₇ Group.

- C₂₇H₂₆O₆** 6-Trityl 2:3-dimethyl *d*-araboascorbic acid, 227.
C₂₇H₂₈O₆ 6-Trityl 1:3-2:4-dimethylene sorbitol, 520.

27 III

- C₂₇H₂₀O₄N₄** 2-Benzoyl-9:10-dihydrophenanthrene 2:4-dinitrophenylhydrazone, 560.
C₂₇H₂₂N₂I (1:2-Diphenyl-3-indole)(1-methylpyridine)- α -azadimethincyanine iodides, 676.
C₂₇H₂₄N₂I (2-Phenyl-1-ethyl-3-indole)(1-methylquinoline)- α -azadimethincyanine iodides, 674, 675.

27 IV

- C₂₇H₂₃N₃ClI** (2-*p*-Chlorophenyl-1-ethyl-3-indole)(1-methyl-4-quinoline)- α -azodimethincyanine iodide, 676.
C₂₇H₂₇N₃ClI 1-Phenyl-2-*p*-ethyl- β -chloroethylaminostyryl-3-methylquinoxalinium iodide, 491.
C₂₇H₄₃O₂N₃S *N*¹-2-Pyridyl-*N*¹-cetylsulphanilamide, 249.

27 V

- C₂₇H₂₈O₅N₃ClS** 4-Phenyl-2-*p*-methyl- β -chloroethylaminostyryl-3:4-dihydro-3-quinoxalone methosulphate, 492.

C₂₈ Group.

- C₂₈H₃₄** Hexadecahydro-9:9'-dianthryl, 291.

28 II

- C₂₈H₁₆O₂** Dianthraquinone, preparation of, 307.
C₂₈H₂₆O₉ Tribenzoyl methylene sorbitol, 520.
C₂₈H₂₈O₆ 6-Trityl 2:3:5-trimethyl *d*-araboascorbic acid, 227.

28 III

- C₂₈H₂₆N₂I** (2-Phenyl-1-ethyl-3-indole)(1-ethylquinoline)- α -azadimethincyanine iodides, 674, 675.
C₂₈H₂₇O₆N Tri-(2-carbethoxy-5-furfuryl)amine, 670.
C₂₈H₂₈N₂I (2-Phenyl-1-ethyl-3-indole)(1:3:3-trimethyl-2-indolenine)- α -azadimethincyanine iodide, 675.
C₂₈H₃₀O₂N₂ Ethyl α -cyano- δ -dibenzylamino- α -phenylvalerate, 271.
C₂₈H₃₀O₁₀S₂ 2:3-Ditosyl 4:6-benzylidene β -methylgalactoside, 524.
C₂₈H₃₅O₄N₃ Methyl- γ -diethylaminopropyldiveratrocypyrine, and its salts, 617.

28 IV

- C₂₈H₂₅O₂N₂S** 5-Phenyl-7-[(*p*-acetamidobenzenesulphonamido)phenyl]-4-azahydrindenes, 621.
C₂₈H₂₇O₂N₄Br (2-Phenyl-1-ethyl-3-indole)(nitro-1:3:3-trimethyl-2-indolenine)- α -azadimethincyanine iodide, 675.
C₂₈H₂₇O₂N₂Br 2-(3-Carbethoxy-4-phenylpyrrole)-2'-(3'-carbethoxy-4'-phenyl-5'-methylpyrrole)methincyanine bromide, 485.

28 V

- C₂₈H₂₅O₂ClBrP** Phenyl-*p*-anisyl-*p*-tolyl-*p*-chlorophenacylphosphonium bromide, 283.
C₂₈H₂₈Cl₂Br₂P₂Pd Dichlorobis(phenyl-*p*-bromophenylethylphosphine)palladium, 283.
C₂₈H₂₉O₂N₃Cl₂S 4-Phenyl-2-*p*-di- β -chloroethylaminostyryl-3:4-dihydro-3-quinoxalone methosulphate, 492.

C₂₉ Group.

- C₂₉H₂₆O₄** 1:3-Dibenzoyloxy-2-*iso*amyl-naphthalene, 55.
C₂₉H₂₈N₂ [5-Diphenylmethyl-2-pyrrole)-(4-dimethylaminobenzene)- α -methyltrimethincyanine, 489.
C₂₉H₃₄O₆ 6-Trityl 2:3:5-trimethyl methylglucofuranoside, 574.
 6-Trityl 2:3:5-trimethyl α -methylmannofuranoside, 576.
 6-Trityl 2:3:4-trimethyl α -methylmannoside, 133.

29 III

- C₂₉H₃₀O₄N₂** Bis-2-(4-carbethoxy-3-phenyl-5-methylpyrrol)methane, 485.

29 IV

- C₂₉H₂₈ON₂I** (5-Ethoxy-2-phenyl-1-ethyl-3-indole)(1-methyl-4-quinoline)- α -azadimethincyanine iodide, 676.
C₂₉H₂₆O₄N₂Br Bis-2-(4-carbethoxy-3-phenyl-5-methylpyrrole)methincyanine bromide, 484.
C₂₉H₃₀O₆N₂S [2-Methyl-3-indole]-[4-carbethoxy-3-phenyl-5-methyl-2-pyrrole]- $\alpha\beta$ -trimethylenetrimethincyanine sulphate, 487.
C₂₉H₄₁O₂N₃S *N*⁴-Acetyl-*N*¹-2-pyridyl-*N*¹-cetylsulphanilamide, 249.
C₂₉H₄₇O₂N₃S *N*¹-2-Pyridyl-*N*¹-octadecylsulphanilamide, 249.

C₃₀ Group.

- C₃₀H₄₆** *d*- and *l*- α -Amyratrienes, 30.

30 II

- C₃₀H₃₂O₃** *p*-Phenylphenacyl 2- β -phenylethylcyclohexylacetate, 292.
C₃₀H₄₆O α -Amyradienones, 30.
C₃₀H₄₆O₂ α -Dichloroamyradiene, 30.
C₃₀H₅₀O Euphol, 251.
 α -Euphorbol, 251.
 Germanicol, 286.
C₃₀H₅₂O Dihydroeuphol, 251.
 Dihydro- α -euphorbol, 352.

30 III

- $C_{30}H_{30}O_4N_2$ [2-Methyl-3-indole]-[4-carbethoxy-3-phenyl-5-methyl-2-pyrrole]- β -carbethoxy- α -methyltrimethincyanine, 487.
 $C_{30}H_{31}O_4N$ 2:4-Diacetyl 6-trityl β -methylglucoside 3-nitrate, 494.
 $C_{30}H_{45}OBr$ Bromo- β -amyratrienol, 533.

30 IV

- $C_{30}H_{17}O_2N_2Br$ Bis-[2-methyl-3-indole]- β -carbethoxy- α -phenyltrimethincyanine bromide, 487.
 $C_{30}H_{24}N_3IS$ (1:2-Diphenyl-3-indole)(1-ethyl-2-benzthiazole)- α -azadimethincyanine iodide, 676.
 $C_{30}H_{49}O_2N_3S$ N^1 -2-(6-Methylpyridyl)- N^1 -octadecylsulphanilamide, 249.

C₃₁ Group.

- $C_{31}H_{24}O_2N_3$ 3-Dibenzoylmethyleneamino-2-phenyl-1-ethylindole, 675.
 $C_{31}H_{24}N_3I$ (1:2-Diphenyl-3-indole)(1-methyl-4-quinoline)- α -azadimethincyanine iodide, 676.
 $C_{31}H_{27}N_2Br$ Bis-2-(3-phenyl-5-methylpyrrole)- α -phenyltrimethincyanine bromide, 485.

31 IV

- $C_{31}H_{31}O_4N_2Br$ Bis-2-(4-carbethoxy-3-phenyl-5-methylpyrrole)trimethincyanine bromide, 485.

C₃₂ Group.

- $C_{32}H_{46}O_3$ β -Amyradienonyl acetate, oxidation of, 256.
iso- β -Amyradienonyl acetate, 532.
 $C_{32}H_{60}O_3$ β -Amyrenonyl acetate, oxidation of, 256.
allo- β -Amyrenonyl acetate, 531.
 $C_{32}H_{52}O_2$ *allo*- β -Amyrin acetate, 531.
 α -Euphorbyl acetate, 252.
 Euphyl acetate, 251.
 Germanicyl acetate, 286.
 $C_{32}H_{54}O_2$ Dihydro- α -euphorbyl acetate, 252.
 Dihydroeuphyl acetate, 251.

32 III

- $C_{32}H_{28}N_3I$ (1:2-Diphenyl-3-indole)(1:3:3-trimethyl-2-indolenine)- α -azadimethincyanine iodide, 676.
 $C_{32}H_{30}O_4N_2$ Dec-2-en-5-yn-4:7-diol bis- α -naphthylurethane, 143.
 $C_{32}H_{52}O_2Br_2$ α -Euphorbyl acetate dibromide, 252.

32 IV

- $C_{32}H_{33}O_4N_2Br$ Bis-2-(4-carbethoxy-3-phenyl-5-methylpyrrole)- α -methyltrimethincyanine bromide, 484.
 $C_{32}H_{51}O_3N_3S$ N^4 -Acetyl- N^1 -2-(6-methylpyridyl)- N^1 -octadecylsulphanilamide, 249.

C₃₃ Group.

- $C_{33}H_{25}N_2Br$ Bis-2-(3:5-diphenylpyrrole)methincyanine bromide, 484.

33 IV

- $C_{33}H_{35}O_4N_2Br$ Bis-2-(4-carbethoxy-3-phenyl-5-methylpyrrole)- α -ethyltrimethincyanine bromide, 484.

C₃₄ Group.

- $C_{34}H_{48}O_3$ 7-Ketocholesteryl benzoate, 337.
 $C_{34}H_{58}O_2$ Cholestanyl hexahydrobenzoate, 337.

34 III

- $C_{34}H_{31}O_{14}N_2$ 1:4-Dinitrobenzoyloxy-1:4-di-(4'-hydroxy-3'-methoxyphenyl)butane-2:3-dicarboxydilactone, 536.
 $C_{34}H_{46}O_9N_2$ Ajacine, 108.

C₃₅ Group.

- $C_{35}H_{32}O_6$ Di-*p*-phenylphenacyl 3-ethyladipate, 102.
 $C_{35}H_{35}O_7$ 2-Benzoyl 6-trityl 3:4-dimethyl β -methylglucoside, 498.

35 III

- $C_{35}H_{32}O_4N_2$ Bis-2-(4-carbethoxy-3-phenyl-5-methylpyrrole)- α -phenylmethincyanine, 485.

35 IV

- $C_{35}H_{37}O_4N_2Br$ Bis-2-(4-carbethoxy-3-phenyl-5-methylpyrrole)- α -isobutenyltrimethincyanine bromide, 484.

C₃₆ Group.

- $C_{36}H_{20}O_2$ 16:17-Dimethyldibenzanthrone, 99.
 6:15-Dimethyl*iso*dibenzanthrone, 100.

36 III

- $C_{36}H_{21}N_2Br$ Bis-2-(3:5-diphenylpyrrole)- α -methyltrimethincyanine bromide, 484.
 $C_{36}H_{31}O_6Cl$ Di-*p*-phenylphenacyl 3- α -chlorovinyladipate, 102.

C₃₇ Group.

- C₃₇H₃₈O₈** 2-Benzoyl 4-acetyl 6-trityl 3-methyl β -methylglucoside, 498.
C₃₇H₅₀O₂ β -Amyratrienyl benzoate, 533.
C₃₇H₅₄O₂ α -Euphorbyl benzoate, 252.
 Euphyl benzoate, 251.
 Germanicyl benzoate, 286.
C₃₇H₅₆O₂ Dihydro- α -euphorbyl benzoate, 252.
 Dihydroeuphyl benzoate, 251.

37 III

- C₃₇H₄₉O₂Br** Bromo- β -amyratrienyl benzoate, 533.

37 IV

- C₃₇H₃₅O₄N₂Br** Bis-2-(4-carbethoxy-3-phenyl-5-methylpyrrole)- α -phenyltrimethincyanine bromide, 485.

C₃₈ Group.

- C₃₈H₃₇O₆N₂Br** Bis-2-(4-carbethoxy-3-phenyl-5-methylpyrrole)- α -*p*-methoxyphenyltrimethincyanine bromide, 485.

C₄₀ Group.

- C₄₀H₃₃N₂Cl₂Br₂P₂Pd** Dichlorobis(phenyl-*p*-bromophenyl-*p*-dimethylaminophenylphosphine)palladium, 283.

C₄₁ Group.

- C₄₁H₃₁N₂Br** Bis-2-(3:5-diphenylpyrrole)- α -phenyltrimethincyanine bromide, 484.

41 IV

- C₄₁H₃₇O₄N₂Br** Bis-2-(4-carbethoxy-3-phenyl-5-methylpyrrole)- α -2'-naphthyltrimethincyanine bromide, 485.

C₄₂ Group.

- C₄₂H₂₆** 2:3:6:7:2':3':6':7'-Tetrabenz-9:9'-difluorenyl, 560.

42 II

- C₄₂H₂₄N₂** 2:3:6:7:2':3':6':7'-Tetrabenzbisfluorenylideneazine, 560.
C₄₂H₂₆O₂ Bisdinaphthaxanthen, 70.

42 III

- C₄₂H₃₃N₂Br** 2-(3:4:5-Triphenylpyrrole)-2'-(3':5'-diphenylpyrrole)- α -methyltrimethincyanine bromide, 484.

C₄₅ Group.

- C₄₅H₄₀O₆** 1:6-Ditrityl 2:4-methylene sorbitol, 520.

C₄₆ Group.

- C₄₆H₄₂O₆** 1:6-Ditrityl diethylene mannitol, 61.
 1:6-Ditrityl dimethylene sorbitol, 60.

C₄₈ Group.

- C₄₈H₅₀O₁₂N₄S** Dimethyldiveratrocycopyrocyanine, 617.

C₅₂ Group.

- C₅₂H₄₀O₄Si** Bisdihydroxytetraphenylethane orthosilicate, 83.