

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.

- CH₂O** Formaldehyde, analysis of mixtures of formic acid and, 51.
CH₂O₂ Formic acid, determination of, in mixtures with formaldehyde, 51.
CH₂N₂ Diazomethane, action of, on diphenyl triketone and on α-keto-lactones, 348.

C₂ Group.

- C₂D₄** Tetradeuterethylene, preparation of, 596.

2 II

- C₂Br₂D₄** Tetradeuterethylene dibromide, preparation of, 596.

2 III

- C₂HO₂Cl₃** Trichloroacetic acid, formation of, from perchloroethylene, 145.
C₂H₅ON Methyl *isocyanate*, 30.
C₂H₅O₂N Nitroethane, ionisation of, 854.

2 V

- C₂H₉O₂N₂ClS** Taurine amide hydrochloride, 77.

C₃ Group.

- C₃H₆O** Acetone vapour, photodecomposition of, 590.

C₄ Group.

- C₄H₂O₃** Maleic anhydride, addition of, to substituted styrenes, 715.
C₄H₆O₂ Diacetyl, electric polarisation and molecular vibration of, 727.

4 IV

- C₄H₆O₂ClBr** β-Bromoethyl chloroacetate, 191.
C₄H₁₁O₃NS α-Amino*isobutanesulphonic* acid, 76.

C₅ Group.

- C₅H₁₁N** Ethylallylamine, picrate of, 41.

5 III

- C₅H₁₂O₂Te** *n*-Amyltellurinic acid, 71.

5 IV

- C₅H₈O₃NCl** γ-Chloro-γ-nitrosovaleric acid, 603.
C₅H₁₃O₃NS α-Amino*isopentanesulphonic* acid, 76.

C₆ Group.

- C₆H₇N** *iso*Nicotinic acid, 43.
C₆H₈O₂ Sorbic acid, electrolytic reduction of, 874.
C₆H₈N₂ *m*-Phenylenediamine, picrate of, 487.
C₆H₁₂N₄ Hexamethylenetetramine, reaction of, with phenols, 547.

6 III

- $C_6H_3O_2F$ 2-Fluorobenzoquinone, 646.
 C_6H_5OF *m*-Fluorophenol, coupling of, with diazotised amines, 645.
 C_6H_8OS Δ^3 -Dihydrothiopyran-3-aldehyde, 407.
 $C_6H_{15}N_3Cl_2$ *NN'N''*-Trimethyltrimethylenetriamine dichloride, 41.

6 IV

- $C_6H_5O_2N_2F$ 3-Fluoro-6-nitroaniline, 768.
 C_6H_6ONF 3-Fluoro-4-aminophenol, 646.
 $C_6H_6O_2N_2S$ Sulphanilamide, condensation of, with halogeno-pyridines and -quinolines, 9.
 $C_6H_{10}O_4NaAu$ Sodium diethyloxalatogold, 107.
 $C_6H_{12}O_3NCl$ Methyl lævulate oxime hydrochloride, 604.

C₇ Group.

- C_7H_5N Benzonitrile, action of, with alkali organic compounds, 323.
 $C_7H_5O_2$ Benzoic acid, sodium hydrogen salt, 262.
 C_7H_9N 2-Methyl- Δ^1 -cyclopentene-1-nitrile, 467.
 $C_7H_{10}O_2$ 2-Methyl- Δ^1 -cyclopentene-1-carboxylic acid, 467.
 $C_7H_{10}O_4$ β -(β' -Carboxyethyl)butyrolactone, 584.
 $C_7H_{10}O_5$ 5-Methyl 3:6-anhydro- γ -gluconolactone, 94.
 $C_7H_{10}O_6$ β -Methylglucufururonoside γ -lactone, 342.
 $C_7H_{12}O_5$ 3:6-Anhydro- α -methylglucufuranoside, 96.
 $C_7H_{14}O$ *dl*- $\alpha\gamma$ -Diethylallyl alcohol, synthesis and resolution of, 316.
 $C_7H_{17}N$ *dl*- γ -Heptylamine, and its hydrochloride, 267.

7 III

- $C_7H_5NCl_3$ 2:4:5-Trichlorobenzonitrile, 800.
 $C_7H_4OS_2$ *o*-Trisulphidobenzoic acid thioanhydride, identity of, with 2-dithiobenzoyl, 793.
 $C_7H_4O_2Br_2$ 3:5-Dibromo-6-hydroxy-2-methoxy-*p*-benzoquinone, 660.
 C_7H_7NCl Cyanomethylpyridinium chloride, 506.
 $C_7H_8ON_2$ *m*-Aminoformaldehyde, 124.
 C_7H_9ON Methyl-4-pyridylcarbinol, and its salts, 45.
 $C_7H_{12}OS$ 3- α -Hydroxyethyl- Δ^3 -dihydrothiopyran, 407.
 $C_7H_{13}ON$ 2-Acetyl-1-methylpyrrolidine, and its aurichloride, 337.
 4-Acetylpiperidine, and its salts, 47.
 Bellaradine, and its salts, 335.
 Nor- ψ -tropine, and its salts, 337.
 $C_7H_{13}O_2N$ 5-Methyl 3:6-anhydrogluconamide, 94.
 $C_7H_{13}O_6N$ β -Methylglucufururonoside amide, 342.
 $C_7H_{15}O_6N$ 3-Methyl glucosamic acid, 51.

7 IV

- $C_7H_4O_2N_3Br$ 3-Bromo-5-nitroindazole, 117.
 $C_7H_5O_2N_2F$ 3-Fluorodinitroanisoles, 793.
 C_7H_9ONCl Acetamidopyridinium chloride, 506.
 $C_7H_9O_3NS$ α -Aminophenylmethanesulphonic acid, 76.

C₈ Group.

- $C_8H_8O_2$ Phenylacetic acid, molecular compounds of, with its salts, 259.
 $C_8H_8O_4$ Fumigatin, 672.
 $C_8H_8O_5$ 2-Hydroxy-3:6-dimethoxy-1:4-benzoquinone, 668.
 2:3:6-Trihydroxy-4-methoxybenzaldehyde, 661.
 C_8H_9N 4- α -Methylvinylpyridine, and its salts, 44.
 $C_8H_{10}O_3$ 3-Methyl- Δ^2 -cyclopenten-1-one-2-acetic acid, 569.
 $C_8H_{11}N$ 4-*iso*Propylpyridine, and its salts, 44.
 $C_8H_{12}O_4$ Ethyl maleate, addition of, to substituted styrenes, 715.
 $C_8H_{12}O_5$ 2:5-Dimethyl 3:6-anhydro- γ -gluconolactone, 95.
 2-Hydroxy-3:6-dimethoxyquinol, 669.
 $C_8H_{12}N_2$ *p*-Aminodimethylaniline, 613.
 $C_8H_{14}O_5$ 2:4-Dimethyl 3:6-anhydroglucose, 100.
 2:5-Dimethyl 3:6-anhydroglucose, 95.
 5-Methyl 3:6-anhydromethylglucufuranoside, 95.
 4-Methyl 3:6-anhydro- α -methylglucopyranoside, 99.
 $C_8H_{14}O_6$ 2:4-Dimethyl 3:6-anhydrogluconic acid, 100.
 3:4-Dimethyl δ -mannonolactone, 842.
 Methyl 4-methyl 3:6-anhydrogluconate, 99.
 $C_8H_{14}O_7$ Methyl methylglucopyruronoside, 343.

8 III

- $C_8H_3O_2N_3$ 4-Nitrophthalonitrile, 639.
 $C_8H_5OCl_3$ Trichloroacetophenones, 800.
 $C_8H_5NS_2$ Dithiophthalimide, 627.

- C₈H₆N₂S** *o*-Cyanothiobenzamide, 621, 634.
C₈H₇NS Thiophthalimidine, 634.
C₈H₉OI *o*- and *p*-Iodo- β -phenylethyl alcohols, 656.
C₈H₉O₂N Ethyl pyridine-4-carboxylate, and its salts, 43.
C₈H₉O₂N₃ 4-Aminophthalodiamide, 640.
C₈H₁₀O₂N₂ Mandelohydrazides, 649.
C₈H₁₀O₂N₄ 3:6-Dihydroxyphthalodiamidine, 630.
C₈H₁₀O₂N₂ 4-Nitro-3-hydroxydimethylaniline, 767.
C₈H₁₀NCl 3-Chlorodimethylaniline, and its salts, 767.
C₈H₁₀NBr 3-Bromodimethylaniline, and its hydrochloride, 767.
C₈H₁₀NI 3-Iododimethylaniline, and its salts, 767.
C₈H₁₀NF 3-Fluorodimethylaniline, and its salts, 767.
C₈H₁₁ON Dimethyl-4-pyridylcarbinol, and its salts, 44.
C₈H₁₄O₂S Bis- γ -ketobutyl sulphide, 406.
C₈H₁₄OBr *dl*(-)-Ethyl-*n*-butylacetyl bromide, 266.
C₈H₁₅O₂N 2:4-Dimethyl 3:5-anhydrogluconamide, 100.
 2:5-Dimethyl 3:6-anhydrogluconamide, 95.
C₈H₁₆NBr 4- α -Bromo*isopropyl*piperidine, hydrobromide of, 46.
C₈H₁₇ON Dimethyl-4-piperidylcarbinol, and its salts, 46.

8 IV

- C₈H₄OCl₃Br** Trichlorophenacyl bromides, 800.
C₈H₅ONS Thiophthalimide, 620, 627.
C₈H₅O₂ClS 5-Chloro-3-hydroxy-1-thionaphthen 1:1-dioxide, 190.
C₈H₆O₂N₂Br Bromonitromethylindazoles, 117.
C₈H₇O₂N₂F 3-Fluoronitroacetanilides, 768.
C₈H₇ONF 3-Fluoroacetanilide, 768.
C₈H₈O₂N₃Cl 2-Chloro-5-nitrobenzaldehyde methylhydrazone, 117.
C₈H₈ON₂F 3-Fluoronitrosodimethylanilines, and their salts, 767.
C₈H₈O₂N₂Cl 3-Chloronitrodimethylanilines, 769.
C₈H₈O₂N₂Br 3-Bromonitrodimethylanilines, 769.
C₈H₈O₂N₂I 3-Iodonitrodimethylanilines, 769.
C₈H₈O₂N₂F 3-Fluoronitrodimethylanilines, 767.
C₈H₁₃ON₂S 3-Acetyl- Δ^3 -dihydrothiopyran, 407.
C₈H₁₆ONI Bellaradine methiodide, 336.
C₈H₂₀O₄SAu₂ Tetraethylsulphatodigold, 106.

C₉ Group.

- C₉H₆O₃** 2:3-Methylenedioxy coumarone, 349.
C₉H₆O₂ Cinnamic acid, sodium hydrogen salt, 262.
C₉H₈O₃ 3:5-Aldehyde-*o*-cresol, 549.
C₉H₁₀O₄ 2:4-Dihydroxy-3-methoxyacetophenone, 670.
C₉H₁₂O₂ *o*- and *p*-Methoxy- β -phenylethyl alcohols, 657.
C₉H₁₂O₄ 2:3-Dihydroxy-4:5-dimethoxytoluene, 671.
 Ethyl cyclohexane-1:4-dione-2-carboxylate, 583.
C₉H₁₂O₅ 1:2-Dihydroxy-3:4:5-trimethoxybenzene, 667.
 1:2-Dihydroxy-3:4:6-trimethoxybenzene, 666.
C₉H₁₂O₆ 1:2-Acetone glucofuranolactone, 343.
C₉H₁₃N Benzylethylamine, picrate of, 41.
 Mesidine, oxidation of, 496.
C₉H₁₄O₆ 2:5-Dimethyl β -methylglucofuranoside γ -lactone, 342.
C₉H₁₆O₅ 2:5-Dimethyl 3:6-anhydro- α - and - β -methylglucofuranosides, 96.
 2:4-Dimethyl 3:6-anhydro- α -methylglucopyranoside, 99.
 2:4-Dimethyl 3:6-anhydro- β -methylglucopyranoside, 101.
 2:4:5-Trimethyl 3:6-anhydroaldehydoglucose, 101.
C₉H₁₆O₆ 2:4:6-Trimethyl δ -mannonolactone, 841.
C₉H₁₈O *l*(-)-Methyl γ -heptyl ketone, 266.
C₉H₁₈O₃ 2:4:6-Trimethyl mannose, hydrate of, 839.
C₉H₂₂O₂ Diethylacetal, synthesis of, at low temperatures, 118.

9 III

- C₉H₆O₂S** 2:3-Methylenedioxythionaphthen, 349.
C₉H₆O₃Cl 6-Chloro-2:4-dialdehyde-*m*-cresol, 549.
C₉H₆O₃N₂ 6(or 5)-Nitro-*N*-methyloxindole, 623.
C₉H₇NCl α -Chloro- β -phenylpropionitrile, 506.
C₉H₇O₂N 5-Hydroxy-*N*-methyloxindole, 623.
C₉H₇O₂Cl 2-Chloro-4-aldehyde-*m*-5-xyleneol, 549.
C₉H₁₀ON₂ 6(or 5)-Amino-*N*-methyloxindole, 623.
C₉H₁₀OCl₂ 2:4-Dichloro-3:5-dimethylphenyl methyl ether, 275.
C₉H₁₀O₃N₂ 3:5-Dialdehyde-*o*-cresol dioxime, 549.
C₉H₁₀O₄N₂ 2-Nitro-4-dimethylaminobenzoic acid, 564.
C₉H₁₁ClS Methylthio- β -phenylethyl chlorides, 657.
C₉H₁₂ON₂ *p*-Nitrosomethylethylaniline, 474.

- C₉H₁₂OS** Methylthio- β -phenylethyl alcohols, 656.
C₉H₁₂O₂Te Ethyl *n*-amyltelluroacetate, 71.
C₉H₁₂O₃S Methylsulphonyl- β -phenylethyl alcohols, 657.
C₉H₁₃ON 3-Hydroxy-3-ethinylquinuclidine, 477.
C₉H₁₁O₂N₃ 2-Ethoxymethylenecyclopentanone semicarbazone, 467.
C₉H₁₁O₂N 1:2-Acetone glucofuronamide, 343.
C₉H₁₇ON 3-Hydroxy-3-ethylquinuclidine, 477.
C₉H₁₇O₆N 2:5-Dimethyl β -methylglucofuronoside amide, 342.
C₉H₁₅ON *l*(+)-Aceto- γ -heptylamide, 266.
C₉H₁₈O₆N 2:4:6-Trimethyl *d*-mannonamide, 841.

9 IV

- C₉H₉ONCl** *p*-Methoxyphenylchloroacetonitrile, 506.
C₉H₉O₂N₂Cl 6-Chloro-2:4-dialdehyde-*m*-cresol dioxime, 549.
C₉H₁₀ONF 3-Fluoro-*N*-methylacetanilide, 767.
C₉H₁₀ON₂I *o*-Iodoacetophenone semicarbazone, 490.
C₉H₁₀O₂NCl 2-Chloro-4-aldehyde-*m*-5-xylene oxime, 549.
C₉H₁₁ON₂S Bis- γ -ketobutyl sulphide semicarbazone, 406.

C₁₀ Group.

- C₁₀H₃Cl₅** Pentachloronaphthalenes, 246.
C₁₀H₄Cl₄ Tetrachloronaphthalenes, 250.
C₁₀H₆O₂ 1:4-Naphthaquinone, absorption spectrum of, 159.
C₁₀H₆Cl₆ Dichloronaphthalene tetrachloride, 245.
C₁₀H₁₀O₆ 2-Acetoxy-3:6-dimethoxy-1:4-benzoquinone, 668.
C₁₀H₁₂O Anethole, condensation of, after heating, 672.
C₁₀H₁₂O₅ 2:5-Dihydroxy-3:4-dimethoxyacetophenone, 667.
C₁₀H₁₂O₆ 2-Acetoxy-3:6-dimethoxyquinol, 668.
 Tetramethoxy-*p*-benzoquinone, 662.
C₁₀H₁₄O₃ 3- β -Carboxyethyl-4-methyl- Δ^2 -cyclohexen-1-one, 586.
C₁₀H₁₄O₄ *cyclo*Hexylidenesuccinic acid, 585.
C₁₀H₁₄O₅ β -(β -Carbethoxypropionyl)butyrolactone, 584.
C₁₀H₁₄N₂ Nicotine, distribution of, between trichloroethylene and water, 275.
C₁₀H₁₅O₃ *p*-Carboxyphenyltrimethylammonium hydroxide, salts of, 563.
C₁₀H₁₆O₂ Ethyl 1-methylcyclopentan-2-one-1-acetate, 468.
C₁₀H₁₆O₅ 1:2-Acetone 5-methyl 3:6-anhydroglucofuranose, 94.
C₁₀H₁₈O₇ 2:3:5-Trimethyl β -methylglucuronoside, 343.

10 III

- C₁₀H₉ON₃** 4-Acetamidophthalonitrile, 640.
C₁₀H₇N₂Cl₃ 5-Chloro-1-(2':5'-dichlorophenyl)-3-methylpyrazole, 286.
C₁₀H₇N₃Cl₂ 5-Amino-1-(2':5'-dichlorophenyl)-3-methylpyrazole, 286.
 Cyanoacetone 2:5-dichlorophenylhydrazone, 286.
C₁₀H₁₀N₃Cl 5-Amino-1-(2'-chlorophenyl)-3-methylpyrazole hydrochloride, 286.
 Cyanoacetone *o*-chlorophenylhydrazone, 286.
C₁₀H₁₁ON Acetylindoline, 288.
C₁₀H₁₁O₂N 5-Methoxy-*N*-methyloxindole, 624.
C₁₀H₁₁O₂I Ethyl *o*-iodophenylacetate, 489.
C₁₀H₁₂OCl₂ 2:4-Dichloro-3:5-dimethylphenyl ethyl ether, 275.
C₁₀H₁₃OBr 5-Bromo-*o*-tolyl isopropyl ether, 274.
C₁₀H₁₃O₂N *N*-Acetyl-*p*-amino- β -phenylethyl alcohol, 656.
C₁₀H₁₄O₂N *p*-Aldehydophenyltrimethylammonium hydroxide, salts of, 350.
C₁₀H₁₄O₂N₂ 3-Nitro-4-carboxyphenyltrimethylammonium hydroxide, salts of, 563.
C₁₀H₁₇O₃N Ethyl 1-acetylpiperidine-4-carboxylate, 45.
C₁₀H₁₈O₄S Bis- γ -acetoxypropyl sulphide, 406.
C₁₀H₁₈O₅S Bis- γ -acetoxypropylsulphone, 406.
C₁₀H₁₉O₂N Dimethyl-1-acetyl-4-piperidylcarbinol, 45.
C₁₀H₁₉O₂N *N*-Acetyl 3-methyl α -methylglucosaminide, 51.
C₁₀H₂₀O₄Au₂ Tetraethylxalatodigold, 107.
C₁₀H₂₄O₂N₂ Trimethylglycylcholine, and its salts, 191.

10 IV

- C₁₀H₃O₂NCl₄** Tetrachloronitronaphthalene, 257.
C₁₀H₃O₂Cl₅S Tetrachloronaphthalenesulphonyl chlorides, 246.
C₁₀H₃O₄Cl₃S₂ 1:2:3-Trichloronaphthalenedisulphonyl chloride, 250.
C₁₀H₃O₂Cl₄S Trichloronaphthalenesulphonyl chlorides, 251.
C₁₀H₃O₃Cl₃S Tetrachloronaphthalenesulphonic acids, and their salts, 246.
C₁₀H₃O₂Cl₂S Dichloronaphthalenesulphonyl chlorides, 253.
C₁₀H₃O₃Cl₂S Trichloronaphthalenesulphonic acids, and their salts, 249.
C₁₀H₃O₆Cl₃S₂ 1:2:3-Trichloronaphthalenedisulphonic acid, and its salts, 250.
C₁₀H₃O₃Cl₂S Dichloronaphthalenesulphonic acids, sodium salts, 253.
C₁₀H₃O₂ClS 5-Chloro-3-acetoxy-1-thionaphthen, 189.
 5-Chloro-3-hydroxy-2-acetyl-1-thionaphthen, 189.

- $C_{10}H_7O_4ClS$ 5-Chloro-3-acetoxy-1-thionaphthen 1:1-dioxide, 190.
 5-Chloro-3-hydroxy-2-acetyl-1-thionaphthen 1:1-dioxide, 189.
 $C_{10}H_{12}ONCl$ *o*-Acetamido- β -phenylethyl chloride, 659.
 $C_{10}H_{13}O_5NS$ *N*-Carbobenzyloxytaurine, sodium salt, 76.
 $C_{10}H_{11}O_4N_2S$ *N*-Carboxybenzyloxytaurine amide, 77.
 $C_{10}H_{28}N_2Br_2Au_2$ Ethylenediaminetetraethyl dibromogold, 107.

10 V

- $C_{10}H_7O_2NCl_4S$ Tetrachloronaphthalenesulphonamide, 250.
 $C_{10}H_6O_2NCl_3S$ Trichloronaphthalenesulphonamides, 249.
 $C_{10}H_{28}O_4N_2SAu_2$ Ethylenediaminetetraethylsulphatodigold, 107.

C₁₁ Group.

- $C_{11}H_{18}$ 1-Methyloctalin, 569.

11 II

- $C_{11}H_9I$ 1-Iodo-4-methylnaphthalene, 311.
 $C_{11}H_{10}O_3$ Methyl benzylidenepyruvate, 722.
 $C_{11}H_{14}O_3$ δ :2-Diketo- δ -cyclohexylvalerolactone, 585.
 $C_{11}H_{14}O_4$ 3-Hydroxy-4:5-dimethoxy-2-acetylto luene, 671.
 $C_{11}H_{14}O_5$ 2-Hydroxy-3:4:5-trimethoxyacetophenone, 667.
 2-Hydroxy-4:5:6-trimethoxyacetophenone, 668.
 $C_{11}H_{14}O_6$ 2:5-Dihydroxy-3:4:6-trimethoxyacetophenone, 669.
 $C_{11}H_{16}O_2$ 6-Methoxy- $\Delta^{1:9}$ -2-octalone, 392.
 $C_{11}H_{16}O_4$ Methyl pentamethyleneparaconate, 585.
 $C_{11}H_{16}O_5$ Pentamethoxybenzene, 666.
 $C_{11}H_{16}O_6$ 6-Methoxy- $\Delta^{1:9}$ -octalin, 392.
 $C_{11}H_{18}O_2$ 6-Methoxy-2-decalone, 392.
 $C_{11}H_{20}O$ 1-Methyl-2-decalol, 388.
trans-1-Methyl- α -decalol, 569.
 $C_{11}H_{20}O_6$ 3:4-Dimethyl mannose 1:2-acetone, 842.
 $C_{11}H_{20}O_7$ Methyl 2:3:4-trimethyl methylglucopyruuronoside, 343.
 $C_{11}H_{22}O_6$ 2:4:5-Trimethyl 3:6-anhydroglucose dimethylacetal, 101.

11 III

- $C_{11}H_{11}ON$ 6-Methoxyquinaldine, 144.
 $C_{11}H_{11}O_2N_2$ Tryptophan, tests for, 153.
 $C_{11}H_{13}OBr$ 2:4:5-Trimethylphenacyl bromide, 799.
 $C_{11}H_{11}OCl_2$ 2:4-Dichloro-3:5-dimethylphenyl *n*-propyl ether, 275.
 $C_{11}H_{11}O_5N_3$ β -(β -Carbomethoxypropionyl)butyrolactone semicarbazone, 584.

11 IV

- $C_{11}H_9O_5N_3S$ *p*-(5'-Nitro-2'-pyridylamino)benzenesulphonic acid, sodium salt, 13.
 $C_{11}H_{11}O_4N_4S$ 5-Nitro-2-(*p*-aminobenzenesulphonamido)pyridine, 14.
p-(5'-Nitro-2'-pyridylamino)benzenesulphonamide, 13.
 $C_{11}H_{11}O_2N_3S$ *p*-(2'-Pyridylamino)benzenesulphonamide, 11.
 $C_{11}H_{11}O_2N_3S$ 6-Amino-2-pyridyl *p*-aminobenzenesulphonate, 292.
 6-Hydroxy-2-(*p*-aminobenzenesulphonamido)pyridine, 293.
 $C_{11}H_{12}O_2N_4S$ 5-Amino-2-(*p*-aminobenzenesulphonamido)pyridine, 14.
p-(5'-Amino-2'-pyridylamino)benzenesulphonamide, 13.

C₁₂ Group.

- $C_{12}H_{10}N_2$ *cis*-Azobenzene, bond lengths and resonance in, 409.
 $C_{12}H_{12}O$ 2-Methyl-1-naphthylcarbinol, 505.
 3-Phenyl-2-methyl- Δ^2 -cyclopenten-1-one, 570.
 $C_{12}H_{14}O$ 3-Phenyl-2-methylcyclopentan-1-one, 570.
 $C_{12}H_{14}O_2$ 2:6-Dimethoxydihydronaphthalene, 389.
 1-Piperonyl- Δ^1 -pentene, 720.
 $C_{12}H_{16}O_6$ 2:3-Diacetoxy-4:5-dimethoxytoluene, 672.
 2-Hydroxy-3:4:5:6-tetramethoxyacetophenone, 670.
 $C_{12}H_{16}O_4$ Methyl δ :2-diketo- δ -cyclohexylvalerate, 584.
 $C_{12}H_{16}O_6$ Hexamethoxybenzene, 662.
 $C_{12}H_{20}O_2$ 6-Methoxy-1-methyl-2-decalone, 392.
 1-Methyldecalin-6-carboxylic acid, 390.
 9-Methyldecalin-1-carboxylic acid, 470.

12 III

- $C_{12}H_9O_2Br$ 6-Bromo-2-methoxy-1-naphthoic acid, 687.
 $C_{12}H_{10}O_3S$ 3-Acetoxy-2-acetyl-1-thionaphthen, 189.
 $C_{12}H_{11}OCl$ 2-Methoxy-1-chloromethylnaphthalene, 504.
 $C_{12}H_{12}O_2N_2$ α -Hydroxymethylamino- β -3-indolylpropionic acid, 157.
 $C_{12}H_{13}O_2N$ Tetrahydrofurfuryl *p*-nitrobenzoates, 316.
 $C_{12}H_{17}OBr$ 5-Bromo-*o*-tolyl *n*-amyl ether, 274.
 $C_{12}H_{21}ON_3$ 1-Methyl-2-decalone semicarbazone, 388.
 $C_{12}H_{24}O_4Au_2$ Tetraethylmethylmalonatodigold, 108.

12 IV

- $C_{12}H_9O_3N_3F$ 3-Fluoro-3'-nitro-4-benzeneazophenol, 646.
 $C_{12}H_9ON_3F$ 3-Fluoro-4-benzeneazophenol, 646.
 $C_{12}H_{12}O_2N_4S$ Δ^3 -Dihydrothiopyran-3-aldehyde 2:4-dinitrophenylhydrazone, 407.
 $C_{12}H_{14}ONI$ 6-Methoxyquinaldine methiodide, 144.
 $C_{12}H_{14}O_2N_2Cl_2$ Ethyl acetoacetate 2:5-dichlorophenylhydrazone, 286.
 $C_{12}H_{28}O_4SAu_2$ Tetra-*n*-propylsulphatodigold, 107.

12 V

- $C_{12}H_4O_4NCIS$ 3-Chloro-2-nitrodiphenylsulphone, 726.
 $C_{12}H_{14}O_6NS_2As$ Biscarboxymethyl 4-acetamido-2-hydroxyphenylthioarsinite, 192.

C₁₃ Group.

- $C_{13}H_{12}$ 5:6-Benzhydrindene, 588.
 $C_{13}H_{16}$ 5:6:7:8-Tetrahydro-1:2-cyclopentenonaphthalene, 400.

13 II

- $C_{13}H_6O_3$ 2:3-Methylenedioxybenzocoumarones, 349.
 $C_{13}H_{11}N$ 2-Methyl-1-naphthylacetonitrile, 505.
 $C_{13}H_{11}N_3$ Proflavine, synthesis of, 121, 484.
 $C_{13}H_{12}O_2$ 6-Hydroxy-5-methyl-2-acetonaphthone, 390.
 $C_{13}H_{12}O_3$ 5-Hydroxy-7-methyl-3:4-cyclopentenocoumarin, 172.
 6-Methoxy-5-methyl-2-naphthoic acid, 390.
 $C_{13}H_{14}O$ 8-Keto-5:6:7:8-tetrahydro-2:3-cyclopentenonaphthalene, 588.
 $C_{13}H_{14}O_3$ γ -Keto- γ -5-hydrindylbutyric acid, 587.
 $C_{13}H_{14}O_5$ Methyl 2:3-dimethoxybenzylidenepyruvate, 722.
 Tetrahydrofurfuryl hydrogen phthalates, 311.
 $C_{13}H_{14}O_7$ 2:3:5-Triacetoxyanisole, 661.
 $C_{13}H_{16}O_2$ γ -5-Hydrindylbutyric acid, 588.
 5-Hydroxy-2:2:4:7-tetramethyl- Δ^3 -chromen, 171.
 $C_{13}H_{16}O_7$ 1:2-Diacetoxy-3:4:6-trimethoxybenzene, 666.
 1:2-Diacetyl-3:4:5-trimethoxybenzene, 668.
 $C_{13}H_{18}O$ 3-Keto-octahydro-1:2-cyclopentenonaphthalene, 380.
 $C_{13}H_{18}O_5$ 3- β -Carbomethoxyethyl-4-carbomethoxy-4-methyl- Δ^2 -cyclohexen-1-one, 585.
 $C_{13}H_{18}O_6$ 2:3:4:5-Pentamethoxyacetophenone, 669.
 $C_{13}H_{20}O_4$ Ethyl 2- γ -ketobutylcyclohexanone-2-carboxylate, 589.
 $C_{13}H_{20}O_5$ Ethyl 3-carbomethoxy-1-methylcyclopentan-2-one-1-acetate, 468.

13 III

- $C_{13}H_9OCl_3$ 2:4-Dichlorophenyl chlorobenzyl ethers, 275.
 $C_{13}H_9O_5N_3$ 3:3'-Dinitro-*N*-formyldiphenylamine, 486.
 $C_{13}H_9O_5N_5$ Indazole picrate, 116.
 $C_{13}H_{10}O_2Br_2$ 5-Bromo-6-methoxy-2-naphthacyl bromide 570.
 $C_{13}H_{10}O_3N_2$ 3-Nitro-*N*-formyldiphenylamine, 486.
 $C_{13}H_{11}ON$ 2-Methoxy-1-naphthylacetonitrile, 504.
 $C_{13}H_{11}O_2Cl$ 5-Chloro-6-methoxy-2-acetonaphthone, 395.
 $C_{13}H_{11}O_3Br$ Methyl 6-bromo-2-methoxy-1-naphthoate, 687.
 $C_{13}H_{11}N_2Cl$ α -Cyanobenzylpyridinium chloride, 506.
 $C_{13}H_{12}ON_2$ 3-Amino-*N*-formyldiphenylamine, 486.
 $C_{13}H_{12}O_4N_2$ 2:3:4:5-Tetrahydro- β -carboline-2:4-dicarboxylic acid, 158.
 $C_{13}H_{13}ON_3$ 3:3'-Diamino-*N*-formyldiphenylamine, 486.
 $C_{13}H_{13}ON$ Ethyl *N*-methyloxindole-3-oxalate, 622.
 $C_{13}H_{14}O_2N_2$ 3-Methyl-2:3:4:5-tetrahydro- β -carboline-4-carboxylic acid, 158.
 $C_{13}H_{14}O_3N_2$ 2-Hydroxymethyl-2:3:4:5-tetrahydro- β -carboline-4-carboxylic acid, 158.
 $C_{13}H_{14}O_4N_4$ 2-Methylcyclopentene-1-aldehyde 2:4-dinitrophenylhydrazone, 467.
 $C_{13}H_{16}ON_4$ *N*-2':4'-Diamino- α -hydroxybenzyl-*m*-phenylenediamine, 486.
 2:4:2':4'-Tetra-aminobenzhydrol, 487.

13 IV

- $C_{13}H_6O_2N_5Cl$ 2-Chloro-5-nitrobenzaldehyde 2:4-dinitrophenylhydrazone, 117
 $C_{13}H_{10}ONCl$ 2-Methoxy-1-naphthylchloroacetonitrile, 505.
 $C_{13}H_{10}ONBr$ Bromo-2-methoxy-1-naphthylacetonitrile, 505.
 $C_{13}H_{10}ONI$ 2'-Iodobenzanilide, 488.
 $C_{13}H_{10}O_2ClBr$ 5-Chloro-6-methoxy-2-naphthacyl bromide, 572.
 $C_{13}H_{12}O_5N_4S$ 5-Nitro-2-(*p*-acetamidobenzenesulphonamido)pyridine, 13.
 $C_{13}H_{12}O_4N_3S$ 6-Amino-2-pyridyl *p*-acetamidobenzenesulphonate, 292.

13 V

- $C_{13}H_7ONCl_3Br$ 2:4:5-Trichlorophenacylpyridinium bromide, 801.
 $C_{13}H_{10}O_2NCIS$ 2-Chloro-6-nitro-4'-methylidiphenyl sulphide, 725.
 $C_{13}H_{10}O_2NCIS$ 2-Chloro-6-nitro-4'-methylidiphenylsulphone, 725.
 $C_{13}H_{12}O_2NCIS$ Chloroamino-4'-methylidiphenylsulphones, 726.

C₁₄ Group.**C₁₄H₁₄** 3'-Methyl-5:6-benzhydrindene, 588.**14 II**

C₁₄H₈O₂ Anthraquinone, absorption spectrum of, 159.
C₁₄H₆O₃ Diphenic anhydride, reactions of, 282.
C₁₄H₆O₅ 6:7-Methylenedioxy-3-methylnaphthalene-1:2-dicarboxylic anhydride, 719.
C₁₄H₁₀O₃ 6'-Hydroxy-4-methyl-7:8-benzocoumarin, 390.
C₁₄H₁₀O₄ Diphenic acid, salts of, with optically active bases, 257.
C₁₄H₁₀O₅ 6:7-Methylenedioxy-3-methyl-3:4-dihydronaphthalene-1:2-dicarboxylic anhydride, 719.
C₁₄H₁₂O₃ 4-Hydroxy-3'-keto-6-methoxy-1:2-cyclopentenonaphthalene, 399.
C₁₄H₁₂O₅ 6:7-Methylenedioxytetrahydronaphthalene-1:2-dicarboxylic anhydride, 718.
C₁₄H₁₄O 2-Methyl-5:6-benzchroman, 589.
C₁₄H₁₄O₂ 6-Methoxy-5-methyl-2-acetonaphthone, 389.
C₁₄H₁₄O₄ 3-*p*-Methoxyphenyl- Δ^2 -cyclopenten-1-one-2-acetic acid, 399.
C₁₄H₁₄O₆ 6:7-Methylenedioxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic acid, 718.
C₁₄H₁₆O₂ 1- γ -Hydroxybutyl-2-naphthol, 589.
 2-Methoxy-1-naphthylcarbinyl ethyl ether, 504.
C₁₄H₁₆O₈ 2-Acetoxy-3:6-dimethoxyquinol diacetate, 669.
C₁₄H₁₆O₂ β -Tetraaryl- α -methylpropionic acid, 684.
C₁₄H₁₆O₆ 1:2:4:5-Tetramethoxy-3:6-diacetoxybenzene, 662.
C₁₄H₂₀O 6-Keto-5-methyl-7:8-dihydrocyclopentenonaphthalene, 588.
C₁₄H₂₀O₃ Ethyl 3-keto-4-methyl- $\Delta^{4:10}$ -octalin-9-carboxylate, 589.
C₁₄H₂₂O₃ Ethyl 1-methyl-2-decalone-6-carboxylate, 393.
C₁₄H₂₄O 3-Hydroxy-3-methyldecahydro-1:2-cyclopentenonaphthalene, 381.

14 III

C₁₄H₆O₂N₂ Dinitrocyanobenzophenone, 281.
C₁₄H₆O₂N₃ 4:4'-Dinitrodiphenamic acid, 284.
C₁₄H₁₀ON₂ Phenyliminophthalimide, 621.
 Phthalimidephenylimine, 634.
C₁₄H₁₀N₂S Thiophthalimidephenylimine, 634.
C₁₄H₁₁O₂N₃ Benzeneazopiperonaldoxime, 824.
C₁₄H₁₂OCl₂ 2:4-Dichlorophenyl *p*-methylbenzyl ether, 275.
C₁₄H₁₂OBr₂ Bromotolyl *p*-bromobenzyl ethers, 274.
C₁₄H₁₃ON₃ Benzeneazo-*p*-tolualdoxime, 824.
C₁₄H₁₃OBr 5-Bromo-*o*-tolyl benzyl ether, 274.
C₁₄H₁₅ON 1- γ -Ketobutyl-2-naphthol oxime, 589.
C₁₄H₁₅O₂N 6-Methoxy-5-methylacetanaphthone oxime, 390.
C₁₄H₁₆O₂N₂ 2:3-Dimethyl-2:3:4:5-tetrahydro- β -carboline-4-carboxylic acid, 158.
 Methyl 2-methyl-2:3:4:5-tetrahydro- β -carboline-4-carboxylate, hydrochloride, 158.
C₁₄H₁₇ON₃ 8-Keto-5:6:7:8-tetrahydro-2:3-cyclopentenonaphthalene semicarbazone, 588.
C₁₄H₁₈O₈N₄ Bellardine methopicate, 336.
C₁₄H₁₉O₂N 2:5-Dimethyl 3:6-anhydroglucose anilide, 95.
C₁₄H₁₉O₆N *N*-Benzoyl α -methylglucosaminide, 49.
C₁₄H₂₀O₆Au₂ Tetraethylsaccharatodigold, 108.
C₁₄H₃₀O₄S Bis- $\gamma\gamma$ -diethoxypropyl sulphide, 407.

14 IV

C₁₄H₆NCIS 10-Chlorothionaphthindole, 190.
C₁₄H₆O₂NS Nitro-2-methylthioxanthenes, 749.
C₁₄H₆O₃NS Nitro-2-methylthioxanthenes dioxides, 750.
C₁₄H₁₁O₂NS Nitro-2-methylthioxanthenes, 749.
C₁₄H₁₁O₂NS Nitro-2-(*p*-tolylthio)benzaldehydes, 748.
C₁₄H₁₁O₄NS 5-Nitro-2-(*p*-tolylthio)benzoic acid, 749.
C₁₄H₁₁O₆NS Nitro-(*p*-toluenesulphonyl)benzoic acids, 749.
C₁₄H₁₂OClBr Bromotolyl chlorobenzyl ethers, 273.
C₁₄H₁₂OBrF Bromotolyl *m*-fluorobenzyl ethers, 274.
C₁₄H₁₂O₂NBr Bromotolyl nitrobenzyl ethers, 274.
C₁₄H₁₂O₃N₂S Nitro-2-(*p*-tolylthio)benzaldoximes, 749.
C₁₄H₁₅O₂ClS 2-Chloro-6-methoxy-4'-methylidiphenylsulphone, 726.
C₁₄H₁₅O₃NS 2-Amino-6-methoxy-4'-methylidiphenylsulphone, 726.
 Benzenesulphonamido- β -phenylethyl alcohols, 656.

14 V**C₁₄H₁₁O₂N₂ClS** 5-Chloro-3-hydroxy-1-thionaphthen 1:1-dioxide phenylhydrazone, 190.**C₁₅ Group.**

C₁₅H₁₂O₅ 6:7-Dimethoxy-3-methylnaphthalene-1:2-dicarboxylic anhydride, 719.
C₁₅H₁₄O₂ γ -Hydroxy- γ -2-naphthylvalerolactone, 381.
 γ -2-Naphthyl- Δ^{β} -pentenoic acid, 382.
C₁₅H₁₄O₃ 4-Methoxy-3'-keto-6-methoxy-1:2-cyclopentenonaphthalene, 400.

- C₁₅H₁₄O₄** 5-Acetoxy-7-methyl-3:4-*cyclopentenocoumarin*, 172.
C₁₅H₁₆O₅ 5:6-Dimethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic anhydride, 720.
 6:7-Dimethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic anhydride, 719.
C₁₅H₁₆N₂ *NN'*-Diphenyl-*N*-methylacetamide, 785.
C₁₅H₁₆O₂ 5-Hydroxy-2:2:7-trimethyl-3:4-*cyclopenteno-Δ*³-chromen, 172.
 2-Keto-4-furyl-10-methyl-*Δ*^{1:9}-octalin, 469.
C₁₅H₁₈O₃ 5-Hydroxy-4-methyl-7-*n*-amylcoumarin, 171.
C₁₅H₁₈O₄ *αγ*-Diethylallyl hydrogen phthalates, 318.
C₁₅H₂₂O 1-Furyl-9-methyldecalin, 469.
C₁₅H₂₄O Eremophilol, 67.

15 III

- C₁₅H₁₁O₂N₃** 2:8-Diformamidoacridine, 124.
C₁₅H₁₁O₂Cl 3:7:8:3':4'-Pentahydroxyflavylium chloride, 661.
C₁₅H₁₂O₃N₄ *p*-Nitrobenzeneazo-*N*-methyloxindole, 622.
C₁₅H₁₂O₂N₂ *p*-Nitrobenzyl nitrotoluates, 117.
C₁₅H₁₃OCl₃ 2:4-Dichloro-3:5-dimethylphenyl chlorobenzyl ethers, 275.
C₁₅H₁₃O₂Br *β*-5-Bromo-6-methoxy-2-naphthoylpropionic acid, 571.
C₁₅H₁₄OCl₂ 2:4-Dichloro-3:5-dimethylphenyl benzyl ether, 275.
C₁₅H₁₅OBr 3-Bromo-*p*-tolyl *p*-methylbenzyl ether, 273.
C₁₅H₁₅O₂N *o*-Benzamido-*β*-phenylethyl alcohol, 288.
N-Benzoyl-*p*-amino-*β*-phenylethyl alcohol, 656.
C₁₅H₁₅O₂N 4-Methoxy-3'-keto-6-methoxy-1:2-*cyclopentenonaphthalene* oxime, 400.
 3-Nitro-*p*-tolyl *p*-methylbenzyl ether, 274.
C₁₅H₁₇O₂N₃ 1-*γ*-Ketobutyl-2-naphthol semicarbazone, 588.
C₁₅H₁₉O₂N Ethyl 1-benzoylpiperidine-4-carboxylate, 45.
C₁₅H₁₉O₂N₃ 4:7-Diketo-7-*p*-methoxyphenylheptonic acid semicarbazone, 399.
C₁₅H₂₁O₂N Ethyl *N*-benzoyl glucosamate, 49.
C₁₅H₂₂OBr₄ Tetrabromoeremophilone, 66.
C₁₅H₂₃O₂N₃ Ethyl 3-keto-4-methyl-*Δ*^{4:10}-octalin-9-carboxylate semicarbazone, 589.
C₁₅H₂₃O₅N 3:4:6-Trimethyl mannose anilide, 841.

15 IV

- C₁₅H₁₃OClF** 2:4-Dichloro-3:5-dimethylphenyl *m*-fluorobenzyl ether, 275.
C₁₅H₁₃OCl₂Br 2:4-Dichloro-3:5-dimethylphenyl *p*-bromobenzyl ether, 275.
C₁₅H₁₃O₂N₃S 2-(*p*-Aminobenzenesulphonamido)quinoline, and its sodium salt, 11.
 1-(*p*-Aminobenzenesulphonamido)*iso*quinoline, 12.
p-Quinolylaminobenzenesulphonamides, 12.
C₁₅H₁₃O₂NCl₂ 2:4-Dichloro-3:5-dimethylphenyl nitrobenzyl ethers, 275.
C₁₅H₁₄ONCl *o*-Benzamido-*β*-phenylethyl chloride, 659.
C₁₅H₁₄OClBr 3-Bromo-*p*-ethylphenyl *p*-chlorobenzyl ether, 362.
C₁₅H₁₄O₂NBr 3-Bromo-*p*-ethylphenyl nitrobenzyl ethers, 362.
C₁₅H₁₅O₂NS *p*-Toluenesulphonylindoline, 288.

C₁₆ Group.

- C₁₆H₁₆** 9:10-Dimethyl-9:10-dihydroanthracene, 20.

16 II

- C₁₆H₁₂O₃** *αβ*-Methylenedioxy-*β*-benzoyl-*a*-phenylethylene, 349.
C₁₆H₁₂I₂ 1:4-Bis-*o*-iodophenyl-*Δ*^{1:3}-butadiene, 489.
C₁₆H₁₄O₂ 3-(6'-Hydroxy-2'-naphthyl)-2-methyl-*Δ*²-*cyclopenten*-1-one, 571.
C₁₆H₁₄O₄ 4-Acetoxy-3'-keto-6-methoxy-1:2-*cyclopentenonaphthalene*, 400.
C₁₆H₁₄N₆ *β*-*iso*Indigodihydrazone, 630.
C₁₆H₁₆O₂ 3-(6'-Hydroxy-2'-naphthyl)-2-methyl-*cyclopentan*-1-one, 571.
C₁₆H₁₆O₃ 1-*γ*-Ketobutyl-2-naphthyl acetate, 589.
C₁₆H₁₆O₅ 6:7-Methylenedioxy-3-propyltetrahydronaphthalene-1:2-dicarboxylic anhydride, 720.
C₁₆H₁₈O₂ 1:3-Di-*p*-hydroxyphenyl-2-methylpropane, 674.
C₁₆H₁₈O₃ 5-Hydroxy-5'-methyl-7-ethyl-3:4-*cyclohexenocoumarin*, 828.
C₁₆H₁₈O₅ 6-Methoxy-7-ethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic anhydride, 720.
C₁₆H₁₈N₂ *N*-Tolyl-*N'*-*p*-tolylacetamides, 785.
C₁₆H₂₀O₂ 1-Keto-7-methoxy-2-methyloctahydrophenanthrene, 469.
C₁₆H₂₀O₃ 2:6-Di-*a*-furyl-*cyclohexanol*, 569.
 4':6''-Dihydroxy-2:2:5'-trimethyl-3':4':5':6'-tetrahydrodibenzopyran, 829.
 Methoxy-3'-(carboxymethyl)tetrahydro-*cyclopentenonaphthalene*, 403.
C₁₆H₂₀O₆ 6-Methoxy-7-ethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic acid, 720.
C₁₆H₂₄O₃ Tetrahydro-2:6-di-*a*-furyl-*cyclohexanol*, 569.
C₁₆H₂₆O₃ 2-Keto-7-methoxy-12-methyl-*Δ*^{1:11}-dodecahydrophenanthrene, 392.

16 III

- C₁₆H₁₀O₂N₂** *β*-*iso*Indigo, 629.
C₁₆H₁₀N₂S₂ Dithio-*β*-*iso*indigo, 625, 630, 637.
C₁₆H₁₁N₂Cl 6-Chloro-2:4-diphenylpyrimidine, 328.
C₁₆H₁₂N₄S₂ Diaminodithio-*β*-*iso*indigo, 640.
C₁₆H₁₃O₂N 4-Cyano-4'-methoxydioxybenzoin, 746.

- C₁₆H₁₃O₄Cl** 7:8-Dihydroxy-4'-methoxyflavylium chloride, 661.
C₁₆H₁₆OCl₂ 2:4-Dichloro-3:5-dimethylphenyl *p*-methylbenzyl ether, 275.
C₁₆H₁₇OBr 3-Bromo-*p*-ethylphenyl *p*-methylbenzyl ether, 362.
 Bromotolyl *p*-ethylbenzyl ethers, 273.
C₁₆H₁₉O₃N₄ β -(β -Carbomethoxypropionyl)butyrolactone 2:4-dinitrophenylhydrazone, 584.
C₁₆H₁₉O₃N₃ Methyl benzylidene-pyruvate semicarbazone, 722.
C₁₆H₂₀NCl Dibenzyl dimethylammonium chloride, 40.
C₁₆H₂₀O₂N *N*-Acetyl 4:6-benzylidene α -methylglucosaminide, 51.
C₁₆H₂₁OCl₂ 2:4-Dichloro-3:5-dimethylphenyl octyl ether, 275.
C₁₆H₂₄O₄Au₂ Tetraethyl-*n*- and -*iso*-phthalatodigold, 108.
 Tetraethylterephthalatodigold, 108.
C₁₆H₂₅ON 2-Keto-12-methyl- $\Delta^{1:11}$ -dodecahydrophenanthrene semicarbazone, 388.
C₁₆H₂₅O₅N 2:3:4:6-Tetramethyl *dl*-galactose anilide, 130.

16 IV

- C₁₆H₂O₂N₂Br₂** 6:6'-Dibromo- β -*iso*indigo, 636.
C₁₆H₂N₂S₂Cd Cadmium dithio- β -*iso*indigo, 628.
C₁₆H₂N₂S₂Cu Cupric dithio- β -*iso*indigo, 628.
C₁₆H₂N₂S₂Hg Mercuric dithio- β -*iso*indigo, 628.
C₁₆H₂ON₂Br 1-Bromo-3-phthalimidyl-*iso*indolenine, 635.
C₁₆H₁₁N₂ClS 8-Chloro-1-phenyl-3-methyl-4:5-thionaphthenopyrazole, 189.
C₁₆H₁₂O₂N₂S₂ 4:4'-Dinitrodiphenylthiourea, 284.
C₁₆H₁₄O₂N₂S *p*-(2'-Pyridylamino)benzenesulphon-2'-pyridylamide, 14.
C₁₆H₁₄O₂N₄S₂ Diphenylthiourea, 284.
C₁₆H₁₄O₂N₂S 3:5-Dinitrobenzoyl-*o*-methylthio- β -phenylethyl alcohol, 657.
C₁₆H₁₅O₂NS *p*-Nitrobenzoyl-*o*-methylthio- β -phenylethyl alcohol, 657.
C₁₆H₁₆ONCl β -Chloro- β -nitroso- $\alpha\beta$ -diphenylbutane, 603.
C₁₆H₁₆O₃NBr 3-Bromo-*p-n*-propylphenyl nitrobenzyl ethers, 363.
C₁₆H₂₃O₆NAu₂ Tetraethyl-3-nitrophthalatodigold, 108.

16 V

- C₁₆H₁₃ON₂ClS** 8-Chloro-1-phenyl-3-methyl-4:5-thionaphthenopyrazole hydrazone, 189.

C₁₇ Group.

- C₁₇H₁₂O₃** *apo*Dihydroxyketocyclopentenophenanthrene, 396.
C₁₇H₁₅N 1-*o*-Aminobenzyl naphthalene, 352.
C₁₇H₁₆O 3'-Keto-1:2:3:4-tetrahydro-1:2-cyclopentenophenanthrene, 573.
 2-Phenyl-7-methyltetral-1-one, 112.
C₁₇H₁₆O₂ 2-*p*-Anisyltetral-1-one, 112.
C₁₇H₁₆O₃ 3-Hydroxy-3-(6'-methoxy-2'-naphthyl)cyclopentane-1-carboxylactone, 382.
 3- β -Naphthylcyclopentan-1-one-2-acetic hydroxylactone, 568.
C₁₇H₁₆O₄ α -3:4-Methylenedioxyphenyl- γ -phenylbutyric acid, 112.
 4-Propionoxy-3'-keto-6-methoxy-1:2-cyclopentenonaphthalene, 400.
C₁₇H₁₆N₂ 4:5-Diphenyl-2-ethylglyoxaline, 281.
C₁₇H₁₆O α -*p*-Anisyl- γ -phenylbutyric acid, 112.
 3-(6'-Methoxy-2'-naphthyl)-2-methylcyclopentan-1-one, 571.
C₁₇H₁₆O₂ 6''-Hydroxy-2:2:5':4''-tetramethyldibenzopyran, 140.
 α -Phenyl- γ -*p*-tolylbutyric acid, 112.
C₁₇H₂₀O 3-Hydroxyhexahydro-1:2-cyclopentenophenanthrene, 379.
C₁₇H₂₀O₃ 5-Hydroxy-7-*n*-amyl-3:4-cyclopentenocoumarin, 172.
C₁₇H₂₀O₄ 5-Acetoxy-4-methyl-7-*n*-amylcoumarin, 171.
C₁₇H₂₂O₄ Dimethoxy(carboxymethyl)tetrahydrocyclopentenonaphthalene, 403
C₁₇H₂₄O₂ 5-Hydroxy-2:2:7-tetramethyl-3-*n*-butyl- Δ^2 -chromen, 829.
 6''-Hydroxy-2:2:5':4''-tetramethyl-1':2':3':4':5':6'-hexahydrodibenzopyran, 139.
 5-Hydroxy-2:2:4-trimethyl-7-*n*-amyl- Δ^2 -chromen, 171.

17 III

- C₁₇H₁₁O₂Cl** *apo*Chlorodihydroxyketocyclopentenophenanthrene, 396.
C₁₇H₁₂O₂N₂ Anhydrophthalimide-*N*-methyloxindole, 621.
 2:3-Methylenedioxy-10-methylquinindoline, 623.
C₁₇H₁₂N₂S₂ 8-Methyldithio- β -*iso*indigo, 634.
C₁₇H₁₃N₂Cl 6-Chloro-2:4-diphenyl-5-methylpyrimidine, 329.
C₁₇H₁₄ON₂ 6-Hydroxy-2:4-diphenyl-5-methylpyrimidine, 329.
C₁₇H₁₄O₃N₂ 3-6'-Aminopiperonylidene-*N*-methyloxindole, 622.
C₁₇H₁₅O₂Br 3-(5'-Bromo-6'-methoxy-2'-naphthyl)-2-methyl- Δ^2 -cyclopenten-1-one, 571.
C₁₇H₁₅O₂N 3-Vanillylidene-*N*-methyloxindole, 622.
C₁₇H₁₅O₂N 3-Methyl glucosamine, and its hydrochloride, 50.
C₁₇H₁₇O₂N 2-*p*-Anisyltetral-1-one oxime, 112.
C₁₇H₁₇O₂Cl 3-(5'-Chloro-6'-methoxy-2'-naphthyl)-2-methylcyclopentan-1-one, 572.
C₁₇H₁₈OCl₂ 6-Chlorothymyl *p*-chlorobenzyl ether, 364.
C₁₇H₁₈OBr₂ 3-Bromo-*p-tert*-butylphenyl *p*-bromobenzyl ether, 363.
C₁₇H₁₈O₂S 3-Keto-7-hydroxyoctahydrothiopyrano(4':3':1:2)phenanthrene, 407.

- C₁₇H₁₈O₂N₂** Hydratropaldehyde mandelohydrazones, 652.
C₁₇H₁₉OCl 6-Chlorothymyl benzyl ether, 364.
C₁₇H₁₉OBr 3-Bromo-*p-tert.*-butylphenyl benzyl ether, 363.
 6-Bromothymyl benzyl ether, 364.
C₁₇H₁₉O₂N 3-Nitro-*p-tert.*-butylphenyl benzyl ether, 363.
C₁₇H₂₂O₂N₄ 1-Methyl-2-decalone 2:4-dinitrophenylhydrazone, 388.
C₁₇H₂₃O₆N *N*-Acetyl 4:6-benzylidene 3-methyl α -methylglucosaminide, 51.

17 III

- C₁₇H₁₁O₂NS** Nitro-1:2-benzthioxanthens, 750.
C₁₇H₁₁O₃NS 4-Nitro-2-(β -naphthylthio)benzaldehyde, 749.
C₁₇H₁₂O₂N₂S *S*-Methylthio- β -isoindigo, 629.
C₁₇H₁₃O₃N₃S 2-(*p*-Acetamidobenzenesulphonamido)quinoline, 11.
C₁₇H₁₅O₂N₃S 1-(*p*-Acetamidobenzenesulphonamido)isoquinoline, 12.
C₁₇H₁₈OClBr 3-Bromo-*p-tert.*-butylphenyl *p*-chlorobenzyl ether, 363.
 6-Bromothymyl *p*-chlorobenzyl ether, 364.
 6-Chlorothymyl *p*-bromobenzyl ether, 364.
C₁₇H₁₈O₃NCl 6-Chlorothymyl *o*-nitrobenzyl ether, 364.
C₁₇H₁₈O₃NBr 3-Bromo-*p-tert.*-butylphenyl nitrobenzyl ethers, 363.
 6-Bromothymyl *o*-nitrobenzyl ether, 364.
 3-Nitro-*p-tert.*-butylphenyl *p*-bromobenzyl ether, 363.

C₁₈ Group.

- C₁₈H₁₄** 9-Methyl-1:2-benzfluorene, 538.
C₁₈H₁₈ 1-Methyl-6-*isopropyl*phenanthrene, 70.
C₁₈H₂₀ Octahydrotriphenylene, 17.
 1:2:9:10-Tetramethyl-9:10-dihydroanthracene, 19.

18 II

- C₁₈H₁₂O** 2-Hydroxytriphenylene, 18.
 2-Methyl-3:4-benzfluorenone, 311.
C₁₈H₁₂O₂ 4:4'-Dimethyl-7:8:8':7'-coumarinocoumarin, 390.
C₁₈H₁₄O 9-Methyl-1:2-benzfluoren-9-ol, 538.
C₁₈H₁₄O₂ 1-Phenylmethyl-naphthalene-2'-carboxylic acids, 311.
C₁₈H₁₆O₄ 5-Methoxy-2-piperonylidene- α -hydrindone, 574.
C₁₈H₁₆O₂ 1-Methyl-6-*isopropyl*phenanthraquinone, 70.
C₁₈H₁₆O₃ 4-Hydroxy-3'-keto-7-methoxy-9:10-dihydro-1:2-*cyclopenten*phenanthrene, 397.
C₁₈H₁₆N₂ *N*-Phenyl-*N'*- β -naphthylacetamide, 785.
C₁₈H₁₈O₂ 2-*p*-Anisyl-7-methyltetral-1-one, 112.
C₁₈H₁₈O₄ 4:6-Dimethoxy-1:2-*cyclopentadienonaphthalene*-3'- α -ethylcarboxylic acid, 402.
 α -3:4-Methylenedioxyphenyl- γ -*p*-tolylbutyric acid, 112.
 β -*p*-Toluoyl- α -*p*-anisylpropionic acid, 111.
 3:4:3'-Trimethoxychalkone, 581.
C₁₈H₁₈O₅ 4:4'-Dimethoxydesylacetic acid, 578.
C₁₈H₁₈N₂ 4:5-Diphenyl-2-*isopropylglyoxaline*, 281.
C₁₈H₂₀O 3'-Hydroxy-3'-methyl-1:2:3:4-tetrahydro-1:2-*cyclopenten*phenanthrene, 575.
C₁₈H₂₀O₂ 4:6-Dimethoxy-3'-*isopropylidene*-1:2-*cyclopentenonaphthalene*, 402.
C₁₈H₂₀O₃ α -*p*-Anisyl- γ -*p*-tolylbutyric acid, 112.
 1:3-Di-*p*-methoxyphenyl-2-methylpropan-1-one, 674.
C₁₈H₂₀O₅ Methyl 5-*o*-veratryl-3:6-methylene- Δ^1 -*cyclohexene*-4-oxalate, 722.
C₁₈H₂₂O₂ 1:3-Di-*p*-methoxyphenyl-2-methylpropane, 674.
 5-Hydroxy-7-*n*-amyl-3:4-*cyclohexenocoumarin*, 171.
 3-Hydroxy-7-methoxyhexahydro-1:2-*cyclopenten*phenanthrene, 380.
C₁₈H₂₂O₆ Ethyl 6:7-methylenedioxy-3-methyltetrahydronaphthalene-1:2-dicarboxylate, 718.
C₁₈H₂₄O 1-Phenyl-2-*cyclohexenylcyclohexanol*, 16.
C₁₈H₂₄O₂ 6''-Hydroxy-2:2:5'-trimethyl-4'-ethyl-3':4':5':6'-tetrahydrodibenzopyran, 828.
C₁₈H₂₄O₃ *l*-Menthyl benzoylformate, mutarotation of, in ethyl-alcoholic solution, 538.
C₁₈H₂₆O₃ Ethyl 2-keto-12-methyl- $\Delta^{1:11}$ -dodecahydrophenanthrene-7-carboxylate, 393.
C₁₈H₂₆O₇ Ethyl 4-carbethoxy-3-methyl- Δ^2 -*cyclohexen*-1-one-2:6-diacetate, 584.

18 III

- C₁₈H₁₉ON₂** 4-Keto-1-(1'-naphthyl)-3:4-dihydrophthalazine, 351.
C₁₈H₁₉O₃Cl 8-Chloro-4-hydroxy-3'-keto-7-methoxy-1:2-*cyclopenten*phenanthrene, 396.
 Furfurylidene-5-chloro-6-methoxy-2-acetonaphthone, 395.
C₁₈H₁₄ON₂ 2-Methoxy-1-naphthylcyanomethylpyridinium enimine-betaine, 505.
C₁₈H₁₄O₂N₂ *pp'*-Dimethoxydiphenylmaleonitrile, 506.
C₁₈H₁₄N₂S₂ *SS'*-Dimethyldithio- β -isoindigo, 628.
C₁₈H₁₅O₃Cl 8-Chloro-4-hydroxy-3'-keto-7-methoxy-9:10-dihydro-1:2-*cyclopenten*phenanthrene, 397.
C₁₈H₁₅O₄Cl 3-(5'-Chloro-6'-methoxy-2'-naphthyl)- Δ^2 -*cyclopenten*-1-one-2-acetic acid, 395.
C₁₈H₁₅N₃Cl 6-Chloro-2:4-diphenyl-5-ethylpyrimidine, 329.
C₁₈H₁₆ON₂ 6-Hydroxy-2:4-diphenyl-5-ethylpyrimidine, 329.
 o -1-Naphthylmethylbenzhydrazide, 351.
C₁₈H₁₆O₄N₄ 3-Phenyl-2-methyl- Δ^2 -*cyclopenten*-1-one 2:4-dinitrophenylhydrazone, 570.

- C₁₈H₁₇O₂N** 4-Cyano-4'-methoxy- α -ethyldeoxybenzoin, 746.
C₁₈H₁₇O₂Cl 4:7-Diketo-7-(5'-chloro-6'-methoxy-2'-naphthyl)heptoic acid, 395.
C₁₈H₁₈ON₂ 3-*p*-Dimethylaminobenzylidene-*N*-methyloxindole, 622.
C₁₈H₁₈O₃N₂ 5-Nitro-2-piperidinobenzophenone, 749.
C₁₈H₁₈O₄N₄ 3-Phenyl-2-methylcyclopentan-1-one 2:4-dinitrophenylhydrazone, 570.
C₁₈H₁₉O₃H Tetrahydrofurfuryl *p*-xeny lurethane, 315.
C₁₈H₂₀O₂S 3-Keto-7-methoxyoctahydrothiopyrano(4':3':1:2)phenanthrene- α , 407.
C₁₈H₂₀O₂S 3-Keto-7-methoxyoctahydrothiopyrano(4':3':1:2)phenanthrene dioxide, 408.
C₁₈H₂₁OCl 6-Chlorothymyl *p*-methylbenzyl ether, 364.
C₁₈H₂₁OBr 3-Bromo-*p*-*tert*-amylphenyl benzyl ether, 363.
 3-Bromo-*p*-*tert*-butylphenyl *p*-methylbenzyl ether, 363.
 5-Bromo-*o*-tolyl *p*-*tert*-butylbenzyl ether, 274.
C₁₈H₂₂O₂S 3-Keto-7-methoxydecahydrothiopyrano(4':3':1:2)phenanthrene, 408.
C₁₈H₂₄O₂S 3-Hydroxy-7-methoxydecahydrothiopyrano(4':3':1:2)phenanthrene, 408.
C₁₈H₂₅ON 3-Amino-7-methoxyoctahydro-1:2-cyclopentenophenanthrene, and its hydrochloride, 379.
C₁₈H₃₆O₂N₂ Palmitoylglycineamide, 564.

18 IV

- C₁₈H₁₄ON₂S** *S*-Ethylthio- β -isoindigo, 629.
C₁₈H₁₄N₂Br₂S₂ *SS'*-Dimethyldithio- β -isoindigo dibromide, 636.
C₁₈H₁₅ON₂Cl 2-Methoxy-1-naphthylecanomethylpyridinium chloride, 505.
C₁₈H₁₅O₂NBr₂ 5'-Bromo-6'-methoxy-2'-naphthacetylpyridinium bromide, 570.
C₁₈H₂₀OClBr 3-Bromo-2-methyl-*p*-amylphenyl *p*-chlorobenzyl ether, 363.
C₁₈H₂₀O₂NBr 3-Bromo-*p*-*tert*-amylphenyl nitrobenzyl ethers, 363.
C₁₈H₂₀O₂N₂S Nitropiperidino-4'-methyldiphenylsulphones, 726.
C₁₈H₂₂Cl₂S₂Pt Dihydrothionaphthenemethylsulphonium chloroplatinate, 657.
C₁₈H₂₃O₂N₃S 3-Keto-7-methoxydecahydrothiopyrano(4':3':1:2)phenanthrene semicarbazone, 408.

18 V

- C₁₈H₂₆O₄N₂SAu₂** 2:2'-Dipyridyltetraethylsulphatodigold, 107.

C₁₉ Group.

- C₁₉H₂₂** 2-Methyloctahydrotriphenylene, 17.

19 II

- C₁₉H₁₂O₂** 4:5-Methylenedioxychrysene, 501.
C₁₉H₁₄O Methoxytriphenylenes, 15.
 3-Phenylbenzophenone, 481.
C₁₉H₁₆O Phenylbenzhydrol, 480.
 1-Phenylmethylacetylnaphthalene, 537.
C₁₉H₁₆O₄ 6-Methoxy-2-piperonylidene- α -tetralone, 573.
C₁₉H₁₈O₂ 4:7-Dimethoxy-1:2-cyclopentenophenanthrene, 574.
C₁₉H₁₈O₃ α -Norequilenin acetate, 572.
C₁₉H₁₈O₄ 3- β -Naphthylcyclopentan-1-one-2-acetic acid acetate, 569.
C₁₉H₂₀O₂ 4-Hydroxy-4'-acetyl- α -methyl- β -ethylstilbene, 747.
C₁₉H₂₀O₃ 6:7-Dimethoxy-2-amyl-3:4-dihydronaphthalene, 580.
C₁₉H₂₀O₄ 4:6-Dimethoxy-3'-(carbethoxymethylene)-1:2-cyclopentenonaphthalene, 402.
 1-Keto-6:7-dimethoxy-2-anisyl-1:2:3:4-tetrahydronaphthalene, 580.
 1-Keto-6:3':4'-trimethoxy-2-phenyl-1:2:3:4-tetrahydronaphthalene, 582.
 Methyl 3-(6'-methoxy-2'-naphthyl)cyclopentan-1-one-2-acetate, 575.
C₁₉H₂₀O₅ β -Veratroyl- α -anisylpropionic acid, 579.
C₁₉H₂₂O Methoxyoctahydrotriphenylenes, 17.
C₁₉H₂₂O₄ 5-Acetoxy-7-*n*-amyl-3:4-cyclopentenocoumarin, 172.
 6:7-Dimethoxy-2-anisyl- α -tetralol, 580.
C₁₉H₂₂O₅ α -Anisyl- β -veratrylpropionic acid, 579.
 γ -*m*-Methoxyphenyl- α -3:4-dimethoxyphenylbutyric acid, 581.
C₁₉H₂₄O₂ Octahydro-1:2-cyclopentenophenanthrene-3'-acetic acid, 383.
C₁₉H₂₄O₃ 6-Hydroxy-5'-methyl-7-*n*-amyl-3:4-cyclohexenocoumarin, 171.
 5-Hydroxy-5'-methyl-7-*iso*amyl-3:4-cyclohexenocoumarin, 828.
C₁₉H₂₆O₂ 5-Hydroxy-2:2-dimethyl-7-*n*-amyl-3:4-cyclopenteno-*A*³-chromen, 172.
C₁₉H₂₆O₄ 4:6-Dimethoxy-3'-(carbethoxymethyl)tetrahydro-1:2-cyclopentenonaphthalene, 403.
C₁₉H₂₆O₆ Ethyl 6:7-dimethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylate, 719.
C₁₉H₃₀O 2:6-Dimethyl-1- β -*p*-cuminylolethylcyclohexanol, 69.

19 III

- C₁₉H₁₅O₃Cl** *apo*Chloroketodimethoxycyclopentenophenanthrene, 396.
 8-Chloro-3'-keto-4:7-dimethoxy-1:2-cyclopentenophenanthrene, 396.
C₁₉H₁₅N₄Br Phenyl-*p*-bromophenylformazylbenzenes, isomeric, 823.
C₁₉H₁₇N₂Cl 6-Chloro-2:4-diphenyl-5-*n*-propylpyrimidine, 330.
C₁₉H₁₈ON₂ 6-Hydroxy-2:4-diphenyl-5-*n*-propylpyrimidine, 330.
C₁₉H₁₈O₂N₂ 2-Phenyl-3-methyl-2:3:4:5-tetrahydro- β -carboline-4-carboxylic acid, 159.
C₁₉H₁₉O₃N₃ Ethyl *N*-methyloxindole-3-oxalate phenylhydrazone, 622.

- C₁₉H₁₉O₄N** γ -Keto-*a*-cyano-*a*-anisyl- γ -3:4-dimethoxyphenylpropane, 579.
 β -*m*-Methoxybenzoyl-*a*-3:4-dimethoxyphenylpropionitrile, 581.
C₁₉H₁₉O₅Br Ethyl 5-bromo-6-methoxy-2-naphthacyl acetoacetate, 570.
C₁₉H₂₀ON₂ 5-Ethylruban-5-ol, 476.
C₁₉H₂₁O₅N β -*m*-Methoxybenzoyl-*a*-3:4-dimethoxyphenylpropionamide, 581.
 β -Veratroyl-*a*-anisylpropionamide, 579.
C₁₉H₂₂O₃N₄ Anhydrogalactose phenylmethylphenylosazone, 753.
 Glucose phenylphenylmethylsazone anhydride, 754.
C₁₉H₂₂O₄N₄ 3-Keto-octahydro-1:2-*cyclopentenonaphthalene* dinitrophenylhydrazone, 380.
C₁₉H₂₃OBr 3-Bromo-*p-tert.*-amylphenyl *p*-methylbenzyl ether, 363.
C₁₉H₂₃O₂N₃ 2-Keto-4-furyl-10-methyldecalin semicarbazone, 469.
C₁₉H₂₄O₂N₃ Niquine, and its salts, 79.
C₁₉H₂₄O₂S 3-Keto-7-methoxy-2-methyloctahydrothiopyrano(4':3':1:2)phenanthrene, 408.
C₁₉H₂₄O₄N₄ Galactose phenylmethylphenylosazone, 753.
C₁₉H₂₅O₃N₃ Nitrosodihydroniquine, 81.
C₁₉H₂₆O₂N₂ Dihydroniquidine, and its hydrochloride, 82.
 Dihydroniquine, and its salts, 81.

19 IV

- C₁₈H₁₅O₅N₄Cl** 5-Chloro-6-methoxy-2-acetonaphthone 2:4-dinitrophenylhydrazone, 395.

C₂₀ Group.

- C₂₀H₁₈** α -Phenyl- β -1-naphthyl- $\alpha\beta$ -dimethylethylene, 537.

20 II

- C₂₀H₁₄O₂** 2-Acetoxytriphenylene, 18.
C₂₀H₁₄N₂ 2:5-Diphenyldihydroterephthalonitrile, 506.
C₂₀H₁₆O 9:10-Dimethyl-9:10-dihydro-1:2-benzanthracene 9:10-oxide, 20.
C₂₀H₁₆O₃ β -(β -Naphthoyl)- α -phenylpropionic acid, 111.
C₂₀H₁₆O 4-Methoxy-3'-ethyl- $\Delta^{3'}$ -1:2-*cyclopentenophenanthrene*, 383.
C₂₀H₁₆O₃ 4-Methoxy-1:2-*cyclopentenophenanthrene*-3'-acetic acid, 383.
C₂₀H₂₀O γ -Phenyl- β -1-naphthylbutan- β -ol, 537.
C₂₀H₂₀O₆ β -Hydroxy- $\beta\gamma$ -dianisyladipolactone, 578.
C₂₀H₂₂O₂ 4-Hydroxy-4'-acetyl- $\alpha\beta$ -diethylstilbene, 747.
 4-Methoxy-4'-acetyl- α -methyl- β -ethylstilbene, 747.
C₂₀H₂₂O₃ 4-Methoxy-4'-carboxy- $\alpha\beta$ -diethylstilbene, 746.
C₂₀H₂₂O₄ 4:6-Dimethoxy-3'-(α -carbethoxyethyl)-1:2-*cyclopentadienonaphthalene*, 402.
C₂₀H₂₂O₅ Ethyl 4:4'-dimethoxydesylacetate, 577.
C₂₀H₂₂O₆ Pedicellin, 662.
C₂₀H₂₂O₇ 2:3:4:5:6-Pentamethoxydibenzoylmethane, 669.
C₂₀H₂₄O₄ 5-Acetoxy-7-*n*-amyl-3:4-*cyclohexenocoumarin*, 171.
 3-Anisyl-4-*p*-carboxyphenylhexan-3-ol, 746.
C₂₀H₂₄O₅ Methyl α -anisyl- β -veratrylpropionate, 579.
 Methyl γ -*m*-methoxyphenyl-*a*-3:4-dimethoxyphenylbutyrate, 581.
C₂₀H₂₆O₃ 5-Hydroxy-5'-methyl-7-*isohexyl*-3:4-*cyclohexenocoumarin*, 829.
C₂₀H₂₈O₂ 6''-Hydroxy-2:2-dimethyl-4''-*n*-amyl-3':4':5':6'-tetrahydrodibenzopyran, 171.
 5-Hydroxy-14-methoxy-3-methyldecahydrochrysenone, 469.
C₂₀H₂₈O₆ Ethyl 6-methoxy-7-ethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylate, 720.

20 III

- C₂₀H₁₃O₆N** 2-Nitro-4:5-methylenedioxy- α -1'-naphthylcinnamic acid, 501.
C₂₀H₁₅ON β -(β -Naphthoyl)- α -phenylpropionitrile, 111.
C₂₀H₁₅O₃N *N*-Phenyldiphenamic acid, 283.
C₂₀H₁₅O₄N 2-Amino-4:5-methylenedioxy- α -1'-naphthylcinnamic acid, 501.
C₂₀H₁₅O₅Cl 8-Chloro-3'-keto-4-acetoxy-7-methoxy-1:2-*cyclopentenophenanthrene*, 395.
C₂₀H₁₆O₂Br₂ β -Naphthyl $\alpha\beta$ -dibromo- β -*p*-anisylethyl ketone, 111.
C₂₀H₁₇O₄N 6:7-Methylenedioxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic phenylimide, 718.
C₂₀H₁₈N₂S₂ *SS'*-Diethylthio- β -*isoidigo*, 629.
C₂₀H₁₉O₂N ω -1-Naphthyl-*o*-tolylurethane, 352.
C₂₀H₁₉O₃N 3'-Keto-7-methoxy-4-ethoxy-1:2-*cyclopentenophenanthrene* oxime, 575.
C₂₀H₂₀O₈N₄ 4:7-Diketo-7-*p*-methoxyphenylheptonic acid 2:4-dinitrophenylhydrazone, 399.
C₂₀H₂₁O₅Cl Ethyl β -5-chloro-6-methoxy-2-naphthacylpropionylacetate, 572.
C₂₀H₂₁O₅Br Ethyl β -5-bromo-6-methoxy-2-naphthacylpropionylacetate, 571.
C₂₀H₂₃O₂N 3-Anisyl-4-*p*-cyanophenylhexan-3-ol, 746.
C₂₀H₂₄O₄N₄ 6-Keto-5-methyl-7:8-dihydro-*cyclopentanonaphthalene* 2:4-dinitrophenylhydrazone, 588.
C₂₀H₂₆O₂N₂ *N*-Methyldihydroniquine, 81.
C₂₀H₂₈O₄N₂ Palmitoylglycylglycine, 565.
C₂₀H₂₈O₄N₂ Palmitoylglycylglycinamide, 565.
C₂₀H₃₀O₃N₃ Stearoylglycinamide, 565.

20 IV

- $C_{20}H_{15}O_2NS$ 7-Nitro-9-phenyl-2-methylthioxanthen, 750.
 $C_{20}H_{15}O_2NS$ 7-Nitro-9-phenyl-2-methylthioxanthhydrol, 750.
 5-Nitro-2-(*p*-tolylthio)benzophenone, 749.
 $C_{20}H_{16}O_4NCl$ 8-Chloro-3'-keto-4-acetoxy-7-methoxy-1:2-*cyclopenten*phenanthrene oxime, 396.
 $C_{20}H_{17}O_2ClS_2$ 3-Chloro-2-*p*-tolylthio-4'-methyl-diphenylsulphone, 726.
 $C_{20}H_{17}O_2ClS_2$ 2:3-Di-*p*-toluenesulphonylchlorobenzene, 726.
 $C_{20}H_{20}N_2BrI$ 6-Bromo-2-*m*-dimethylaminostyrylquinoline methiodide, 144.
 $C_{20}N_2O_4N_2S$ Bis- γ -hydroxypropyl sulphide, 406.

 C_{21} Group.

- $C_{21}H_{14}$ Dibenzfluorenes, 682.
 $C_{21}H_{20}$ α -Phenyl- β -1-naphthylmethyleneethylenes, 537.

21 II

- $C_{21}H_{12}O$ 1:2:8:9-Dibenzanthrone, 683.
 Dibenzfluorenes, 674, 682.
 1:2:5:6-Dibenzfluorenone, 538.
 $C_{21}H_{14}O_2$ 1:1'-Dinaphthyl-2-carboxylic acid, 683.
 1:2'-Dinaphthylcarboxylic acids, 677.
 2:2'-Dinaphthylcarboxylic acids, 682.
 $C_{21}H_{14}N_2$ 2-Phenyl-4:5:9':10'-phenanthriminazole, 282.
 $C_{21}H_{16}N_4$ Aminokyaphenines, 281.
 $C_{21}H_{17}N_3$ Aminophenyldiphenylglyoxalines, 282.
 $C_{21}H_{18}O$ β -(β -Naphthoyl)- α -*p*-anisylpropionic acid, 112.
 $C_{21}H_{20}O_2$ α -*p*-Anisyl- γ -*n*-naphthylbutyric acid, 112.
 $C_{21}H_{20}N_2$ *NN*-Diphenyl-*N'*-*o*-tolylacetamide, 785.
 $C_{21}H_{22}O_3$ 4-Acetoxy-4'-acetyl- α -methyl- β -ethylstilbene, 747.
 $C_{21}H_{22}O_4$ 2-Keto-5:14:15-trimethoxyhexahydrochrysene, 580.
 $C_{21}H_{22}O_5$ 6:7-Dimethoxy-2-anisyl-3:4-dihydro-1-naphthylacetic acid, 580.
 $C_{21}H_{24}O_5$ 3-6'-Methoxy-2'-naphthyl-2:5:5'-trimethyl*cyclopentan*-1-one-2-acetic acid, 575.
 $C_{21}H_{24}O_5$ 6:7-Dimethoxy-2-anisyl-1:2:3:4-tetrahydro-1-naphthylacetic acid, 580.
 $C_{21}H_{26}O_1$ Cannabinol, synthesis of, 137.
 $C_{21}H_{26}O_4$ 6-Acetoxy-5'-methyl-7-*n*-amyl-3:4-*cyclohexenocoumarin*, 171.
 $C_{21}H_{30}O_3$ 6''-Hydroxy-5':4''-dimethyl-2:2-di-*n*-propyl-3':4':5':6'-tetrahydrodibenzopyran, 829.
 5''-Hydroxy-2:2:5'-trimethyl-4''-*n*-amyl-3':4':5':6'-tetrahydrodibenzopyran, 171.
 6''-Hydroxy-2:2:5'-trimethyl-4''-*iso*amyl-3':4':5':6'-tetrahydrodibenzopyran, 829.

21 III

- $C_{21}H_{13}ON$ 3:4:5-Dibenzfluorenone oxime, 683.
 $C_{21}H_{13}O_2N_3$ 2-*o*-Nitrophenyl-4:5:9':10'-phenanthriminazole, 282.
 $C_{21}H_{13}O_4N_5$ Dinitrokyaphenines, 281.
 $C_{21}H_{13}O_5N$ 6'-Hydroxy-4-methyl-7:8-benzocoumarin *p*-nitrobenzoate, 390.
 $C_{21}H_{13}N_3Cl_3$ Tri-*p*-chlorolophine, 281.
 $C_{21}H_{14}O_2N_4$ Nitrokyaphenines, 280.
 $C_{21}H_{14}O_4N_4$ 2-*m*-Nitrophenyl-4-*p*-nitrophenyl-5-phenylglyoxaline, 282.
 $C_{21}H_{15}O_2N_3$ Nitrophenyldiphenylglyoxalines, 282.
 $C_{21}H_{15}O_3N_3$ 2-*o*-Hydroxyphenyl-4-*p*-nitrophenyl-5-phenylglyoxaline, 282.
 $C_{21}H_{16}ON_2$ 2-*o*-Hydroxyphenyl-4:5-diphenylglyoxaline, 281.
 $C_{21}H_{17}O_2N$ β -(β -Naphthoyl)- α -*p*-anisylpropionitrile, 111.
 $C_{21}H_{17}O_2N$ *N*-Phenyl-*N*-methyl-diphenamic acid, 283.
 $C_{21}H_{19}ON$ 1:2:5:6-Dibenzfluorene oxime, 684.
 $C_{21}H_{22}O_4N_2$ Anhydrocotarnine-*N*-methyloxindole, 623.
 $C_{21}H_{22}O_5N_3$ 2:8-Dibutyramidoacridine, 124.
 $C_{21}H_{23}O_5N$ 6:7-Dimethoxy-3-methyltetrahydronaphthalene-1:2-dicarboxylic phenylimide, 719.
 $C_{21}H_{23}N_2I$ 2-*m*-Dimethylaminostyryl-6-methylquinoline methiodide, 144.
 $C_{21}H_{25}O_3N$ *ON*-Diacetyl-4-hydroxypentamethyl-diphenylmethane, 499.
 $C_{21}H_{26}O_2N_2$ Yohimbine, constitution of, 153.
 $C_{21}H_{40}O_4N_2$ Palmitoylglycylglycine methyl ester, 565.

21 IV

- $C_{21}H_{10}O_4N_5Cl_3$ Dinitrotri-*p*-chlorokyaphenine, 281.
 $C_{21}H_{14}ON_2Cl$ 4-Keto-1-cyano-2-*p*-chlorophenyl-3:3-diphenyldimethylene-1:2-di-imine, 187.
 $C_{21}H_{16}O_2N_3Cl$ α - β' -Cyano- α' -*p*-chlorophenylhydrazinodiphenylacetic acid, 187.
 $C_{21}H_{20}O_6N_4S_2$ 6-*p*-Acetamidobenzenesulphonamido-2-pyridyl *p*-acetamidobenzenesulphonate, 292.
 $C_{21}H_{23}ON_2I$ 6-Methoxy-2-*m*-dimethylaminostyrylquinoline methiodide, 145.

 C_{22} Group.

- $C_{22}H_{16}$ α -1-Naphthyl- β -2-naphthylethylene, 536.
 $C_{22}H_{22}$ α -Phenyl- β -2-naphthyl- $\alpha\beta$ -diethylethylene, 537.
 $C_{22}H_{26}$ 2:2:11:11-Tetramethylhexahydrochrysene-*a*, 578.

22 II

- $C_{22}H_{14}O_2$ 2:2'-Dinaphthyl-3:3'-dicarboxylic acid, 682.
 $C_{22}H_{16}O_2$ 2:2'-Dihydroxy-1:1'-dinaphthylethylene, 504.
 $C_{22}H_{19}N_3$ 2:4:6-Triphenyl-2-methyl-1:2-dihydro-1:3:5-triazine, and its salts, 328.
 $C_{22}H_{20}O_2$ 5:14-Dimethoxy-2:11-dimethylchrysene, and its picrate, 578.
 $C_{22}H_{20}O_3$ Ethyl 4-methoxy-1:2-*cyclopentenophenanthrylidene*-3'-acetate, 383.
 $C_{22}H_{22}O_2$ 4-Keto-6:7-dimethoxy-1-veratryl-2-methylene-1:2:3:4-tetrahydronaphthalene-2-carboxylic acid, 291.
 $C_{22}H_{24}O_3$ 6:7-Dimethoxy-2-anisyl-1-allyl-3:4-dihydronaphthalene, 580.
 $C_{22}H_{24}O_4$ 6:7-Dimethoxy-2-anisyl-1-acetylidene-1:2:3:4-tetrahydronaphthalene, 581.
 $C_{22}H_{26}O_4$ 6:7-Dimethoxy-2-anisyl-1-acetonyl-1:2:3:4-tetrahydronaphthalene, 581.
 $C_{22}H_{30}O_3$ 4:5-Diphenyl-2:7-dimethyloctane-2:7-diol-a, 578.
 $C_{22}H_{30}O_3$ Ethyl 7-methoxyoctahydro-1:2-*cyclopentenophenanthrene*-3'-acetate, 385.
 $C_{22}H_{32}O_2$ 6''-Hydroxy-2:2:5'-trimethyl-4''-isohexyl-3':4':5':6'-tetrahydrodibenzopyran, 829.

22 III

- $C_{22}H_{14}O_2N_2$ 6:7:6':7'-Dibenz- β -*isoindigo*, 639.
 $C_{22}H_{15}ON_3$ Phenylimino- β -*isoindigo*, 635.
 $C_{22}H_{15}N_2S$ Thio- β -*isoindigophenylimine*, 635.
 $C_{22}H_{16}ON_4$ β -*isoindigophenylhydrazone*, 639.
 $C_{22}H_{16}O_2N_2$ 4:4'-Dinitro-2-2''':4''-dimethylbenzoyldiphenyl-2'-carboxylic acid, 284.
 $C_{22}H_{16}N_2S$ Thio- β -*isoindigophenylhydrazone*, 635.
 $C_{22}H_{17}ON_5$ 4-Cyano-4'-methoxydeoxybenzoin 2:4-dinitrophenylhydrazone, 746.
 $C_{22}H_{18}ON_2$ 2-*p*-Methoxyphenyl-4:5-diphenylglyoxaline, 281.
 $C_{22}H_{20}O_2N_2$ Benzoin mandelohydrazones, 647.
 $C_{22}H_{23}ON$ 3'-Acetamido-7-methoxy-4-ethoxy-1:2-*cyclopentenophenanthrene*, 575.
 $C_{22}H_{25}O_2N_3$ 2-Keto-5:14:15-trimethoxyhexahydrochrysene semicarbazone, 581.
 $C_{22}H_{25}O_2N$ Ethyl *N*-benzoyl 4:6-benzylidene glucosamate, 49.
 $C_{22}H_{26}O_2N_4$ Acetone anhydroglucose phenylphenylmethylsazone, 754.
 $C_{22}H_{26}O_6N_2$ Eremophilol 3:5-dinitrobenzoate, 67.
 $C_{22}H_{28}O_2N_2$ *iso*Propylideneniquine, 80.
 $C_{22}H_{41}O_2N_3$ Palmitoyldiglycylglycine, 565.
 $C_{22}H_{42}O_2N_2$ Stearoylglycylglycine, 565.
 $C_{22}H_{43}O_3N_3$ Stearoylglycylglycinamide, 565.
 $C_{22}H_{44}O_3Au_4$ Tetraethylmalonatedigold, 108.

22 IV

- $C_{22}H_{19}O_6N_4Br$ 5-Bromo-6-methoxy-2-naphthacylacetone 2:4-dinitrophenylhydrazone, 571.

C₂₃ Group.

- $C_{23}H_{16}O_2$ $\alpha\beta$ -Dinaphthylacrylic acids, 536.
 $C_{23}H_{18}N_2$ 2:4:6-Triphenyl-5-methylpyrimidine, 329.
 $C_{23}H_{18}N_4$ Phenyl-naphthylformazylbenzenes, isomeric, 822.
 $C_{23}H_{20}O_4$ 1:1'-Methylenebis-2-hydroxy-6-methoxynaphthalene, 389.
 $C_{23}H_{21}N_3$ 2:4:6-Triphenyl-1:2-dimethyl-1:2-dihydro-1:3:5-triazine, 328.
 $C_{23}H_{21}N_3$ 2:4:6-Triphenyl-2-ethyl-1:2-dihydro-1:3:5-triazine, 328.
 $C_{23}H_{22}O_4$ Ethyl 4:7-dimethyl-1:2-*cyclopentenophenanthrylidene*-3'-acetate, 383.
 $C_{23}H_{24}O_4$ Ethyl 4:7-dimethoxy-1:2-*cyclopentenophenanthrene*-3'-acetate, 384.
 $C_{23}H_{24}O_6$ γ -(1-Hydroxy-6:7-dimethoxy-2-anisyl-1:2:3:4-tetrahydro-1-naphthyl)acetoacetic acid lactone, 581.
 $C_{23}H_{24}O_6$ 4-Keto-6:7-dimethoxy-1-veratryl-3:3-bishydroxymethyl-1:2:3:4-tetrahydronaphthalene-2-carboxylactone, 290.
 $C_{23}H_{32}O_3$ 5''-Acetoxy-2:2:5'-trimethyl-4''-*n*-amyl-3':4':5':6'-tetrahydrodibenzopyran, 171.
 $C_{23}H_{34}O_2$ 6''-Hydroxy-5':4''-dimethyl-2-di-*n*-butyl-3':4':5':6'-tetrahydrodibenzopyran, 829.

23 III

- $C_{23}H_{18}ON_4$ *p*-Acetamidokyaphenine, 281.
 $C_{23}H_{18}O_6Te$ Ethyl *n*-amyltelluroacetate dibenzoate, 71.
 $C_{23}H_{19}O_7N_2$ 4:4'-Dinitro-2-2''':4''-6'-trimethylbenzoyldiphenyl-2'-carboxylic acid, 284.
 $C_{23}H_{20}O_4N_4$ 3'-Keto-1:2:3:4-tetrahydro-1:2-*cyclopentenophenanthrene* 2:4-dinitrophenylhydrazone, 573.
 $C_{23}H_{26}O_5N_4$ Anhydrogalactose phenylmethylphenylsazone diacetate, 753.
 $C_{23}H_{26}O_5N_4$ Anhydroglucosephenylmethylphenylsazone diacetate, 754.
 $C_{23}H_{44}O_4N_2$ Stearoylglycylglycine methyl ester, 565.

23 IV

- $C_{23}H_{19}O_5N_4Br$ 3-(5'-Bromo-6'-methoxy-2'-naphthyl)-2-methyl-4²-*cyclopenten*-1-one 2:4-dinitrophenylhydrazone, 571.
 $C_{23}H_{27}ON_2I$ 6-Methoxy-2-*m*-diethylaminostyrylquinoline methiodide, 145.

C₂₄ Group.

- C₂₄H₁₆O** 9:10-Dimethyl-9:10-dihydro-1:2:5:6-dibenzanthracene 9:10-oxide, and its picrate, 20.
C₂₄H₁₆O₄ Methyl dinaphthylidicarboxylates, 682.
C₂₄H₂₀O₂ 2:2'-Dimethoxy-1:1'-dinaphthylethylene, 504.
C₂₄H₂₀N₂ 2:4:6-Triphenyl-5-ethylpyrimidine, 329.
C₂₄H₂₁N₃ Trimethylkyaphenines, 280.
C₂₄H₂₂N₄ *m*-Amino-tri-*p*-methylkyaphenine, 281.
C₂₄H₂₃N₃ 2:4:6-Triphenyl-2-*n*-propyl-1:2-dihydro-1:3:5-triazines, 329.
C₂₄H₂₆O₃ 6-Keto-14-methoxy-4-furyl-3-methyldecahydrochrysene, 470.
C₂₄H₃₀O₂ 5:14-Dimethoxy-2:2:11:11-tetramethylhexahydrochrysene-a, 578.
C₂₄H₃₀O₅ Piperonylbutylcarbiny ether, 720.
C₂₄H₃₄O₄ 4:5-Dianisyl-2:7-dimethyloctane-2:7-diol-b, 579.

24 III

- C₂₄H₁₃O₆N₃** Quino-4:4'-dinitrodiphenone, 284.
C₂₄H₁₄N₂S₂ 6:7:6':7'-Dibenzdithio-*β*-isoindigo, 639.
C₂₄H₁₅O₂N Quinodiphenone, 283.
C₂₄H₁₆O₂N₆ Tri-*m*-nitrotri-*p*-methylkyaphenine, 281.
C₂₄H₂₀O₂N₄ *m*-Nitrotri-*p*-methylkyaphenine, 281.
C₂₄H₂₀O₄N₆ Di-*m*-nitrotri-*m*-amino-*p*-methylkyaphenine, 281.
C₂₄H₂₁O₂N 6''-Hydroxy-2:2:5':4''-tetramethylidibenzopyran *p*-nitrobenzoate, 140.
C₂₄H₂₂O₄N₆ *β*-isoIndigotetra-acetyldihydrazone, 635.
C₂₄H₂₂O₈N₃ 4-Keto-6:7-dimethoxy-1-veratryl-3:3-bishydroxymethyl-1:2:3:4-tetrahydronaphthalene-2-carboxylactone semicarbazone, 290.
C₂₄H₂₆N₂I 6-Dimethylamino-2-*m*-diethylaminostyrylquinoline methiodide, 145.
C₂₄H₄₅O₆N₃ Stearoyldiglycylglycine, 565.

24 IV

- C₂₄H₂₄O₃N₅Co** Cobaltic benzeneazoacetaldoxime, 824.

C₂₅ Group.

- C₂₅H₂₀** 2-Phenyltriphenylmethane, 483.
C₂₅H₁₈O₂ 3'-Keto-7-methoxy-4'-benzylidene-1:2-*cyclopentenophenanthrene*, 574.

25 II

- C₂₅H₁₉N** 2-Phenylbenzophenoneanil, 480.
C₂₅H₂₀O₃ 3'-Keto-4'-piperonylidene-1:2:3:4-tetrahydro-1:2-*cyclopentenophenanthrene*, 573.
C₂₅H₂₂N₂ 2:4:6-Triphenyl-5-*n*-propylpyrimidine, 330.
C₂₅H₂₅N₃ 2:4:6-Triphenyl-2-*n*-butyl-1:2-dihydro-1:3:5-triazine, and its salts, 329.
C₂₅H₂₆O₉ Acetyl-4-keto-6:7-dimethoxy-1-veratryl-3:3-bishydroxymethyl-1:2:3:4-tetrahydronaphthalene-2-carboxylactone, 290.
C₂₅H₂₅O₇ Ethyl 7-benzoyloxy-6-methyltetrahydronaphthalene-1:2-dicarboxylate, 719.

25 III

- C₂₅H₂₅O₅N₃** 1-Keto-6:7-dimethoxy-2-anisyl-1:2:3:4-tetrahydronaphthalene *p*-nitrophenylhydrazone, 580.

25 IV

- C₂₅H₁₆ON₂S** 8-Methyl-6:7:6':7'-dibenzthio-*β*-isoindigo, 639.
C₂₅H₂₇O₄NS₂ 2:6-Di-*p*-toluenesulphonylpiperidinobenzene, 726.

C₂₆ Group.

- C₂₆H₂₂O₃** 3'-Keto-4'-piperonylidene-2-methyl-1:2:3:4-tetrahydro-1:2-*cyclopentenophenanthrene*, 573.
C₂₆H₂₂O₄ 3'-Keto-7-methoxy-4'-piperonylidene-1:2:3:4-tetrahydro-1:2-*cyclopentenophenanthrene*, 573.

26 III

- C₂₆H₁₉O₂N₂** 2:2'-Dimethoxy-1:1'-dinaphthylmaleonitrile, 505.
C₂₆H₁₈N₂S₂ *SS'*-Dimethyl-6:7:6':7'-dibenzdithio-*β*-isoindigo, 639.
C₂₆H₂₀ON₂ 4-Keto-1:2:3:3-tetraphenylidimethylene-1:2-di-imine, 186.
C₂₆H₂₀O₂N₃ Di-2-methoxy-1-naphthylcyanomethyl ether, 505.
C₂₆H₂₁ON₃ *p*-Diphenylacetamidoazobenzene, 187.
C₂₆H₂₅ON₆ 2:8:2':8'-Tetra-amino-5:10-dihydrodiacridyl 5:5'-ether, 124.
C₂₆H₃₀ON₈ Bis-2:4:2':4'-tetra-aminobenzhydryl ether, 487.

26 IV

- C₂₆H₂₅O₅N₄S** Ditosylanhydrogalactose phenylmethylphenylosazone, 753.

C₂₇ Group.

- C₂₇H₂₀N₂** 3:4:4:5-Tetraphenylpyrazole, 330.
C₂₇H₂₂N₂ Tetraphenylpyrazolines, 330.
C₂₇H₂₄O₄ 3'-Keto-7-methoxy-4'-piperonylidene-2-methyl-1:2:3:4-tetrahydro-1:2-*cyclopentenophenanthrene*, 573.
 16-Piperonylidene-equilenin methyl ether, 573.

27 III

- $C_{27}H_{24}O_4S_2$ 2:6-Di-*p*-toluenesulphonyl-4'-methylidiphenyl sulphide, 726.
 $C_{27}H_{22}O_8N_4$ Galactose phenylmethylphenylosazone tetra-acetate, 753.
 Glucose phenylphenylmethylosazone acetate, 754.
 $C_{27}H_{47}O_2N$ Eicosyl phenylurethane, 347.

 C_{28} Group.

- $C_{28}H_{46}$ Norhederabetulene-III, 559.

28 II

- $C_{28}H_{20}N_4$ β -*iso*Indigodiphenylimine, 635.

28 III

- $C_{28}H_{24}ON_2$ 4-Keto-3:3-diphenyl-1:2-ditolyldimethylene-1:2-di-imines, 186.
 $C_{28}H_{28}O_7N_4$ 6:7-Dimethoxy-2-anisyl-1-acetonylidene-1:2:3:4-tetrahydronaphthalene 2:4-dinitrophenyl-hydrazone, 581.

28 IV

- $C_{28}H_{16}N_4SCu$ Copper phthalocyanine, 622.

 C_{29} Group.

- $C_{29}H_{48}O$ α - and β -Norechinocystenols, 559.
 Norlupanone, 759.

- $C_{29}H_{50}O$ Norlupanol, 760.

29 IV

- $C_{29}H_{25}O_2N_3S$ *p*-Toluenesulphonyl-2:4:6-triphenyl-2-methyl-1:2-dihydro-1:3:5-triazine, 328.

 C_{30} Group.

- $C_{30}H_{22}N_6$ β -*iso*Indigodibenzylidenedihydrazone, 635.

- $C_{30}H_{46}O$ Dehydrolanostenone, 181.

- $C_{30}H_{46}O_2$ β -Amyradienonol, 39.

- $C_{30}H_{48}O$ Lanostenone-B, 175.

γ -Lanostenone, 180.

- $C_{30}H_{48}O_2$ Lanostenone oxide, 181.

Oleananic acids, 559.

- $C_{30}H_{48}O_4$ Echinocystic lactone, 559.

- $C_{30}H_{50}O$ Lanosterol, 172, 176.

γ -Lanosterol, 180.

ψ -Lupenol, 760.

- $C_{30}H_{50}O_2$ Lupenediol, 760.

- $C_{30}H_{50}O_3$ Lanostenetriol, 181.

- $C_{30}H_{52}O_2$ Lupenediol, 759.

ψ -Taraxastanediol, 183.

- $C_{30}H_{54}O_5$ Lanostenetriol diacetate, 181.

 C_{31} Group.

- $C_{31}H_{52}O_2$ Norlupanyl acetate, 760.

 C_{32} Group.

- $C_{32}H_{48}O_3$ β -Amyradienonyl acetate, 39.

- $C_{32}H_{50}O_3$ β -Amyrenonyl acetate, 38.

- $C_{32}H_{52}O_2$ Lanosterol-E acetate, 176.

γ -Lanosteryl acetate, 180.

ψ -Lupenyl acetate, 760.

- $C_{32}H_{52}O_3$ Lupenediol acetate, 760.

ψ -Taraxasteryl acetate oxide, 184.

- $C_{32}H_{54}O_3$ ψ -Taraxastanediol acetate, 183.

- $C_{32}H_{54}O_4$ Lupanetriol acetate, 761.

32 III

- $C_{32}H_{26}O_2N_6$ β -*iso*Indigodi-*p*-anisylidenedihydrazone, 635.

- $C_{32}H_{30}O_3N_2$ Estrone azobenzene-4-carboxylate, 795.

- $C_{32}H_{51}O_3Br$ Bromo- β -amyranonyl acetate, 319.

- $C_{32}H_{64}O_8Au_4$ Tetra-*n*-propylsuccinatodigold, 108.

C₃₃ Group.

- C₃₃H₃₄O₇N₄S₂** Anhydrogalactose phenylmethylphenylosazone di-*p*-toluenesulphonate, 753.
Ditosyl anhydroglucosephenylphenylmethylsazone, 754.

C₃₄ Group.

- C₃₄H₄₈O₂** $\Delta^{4,6}$ -Cholestadienyl benzoate, 322.
C₃₄H₅₂O₈ Echinocystic *isodiacetyl*-lactone, 559.
C₃₄H₅₄O₄ Lupenediol diacetate, 760.

34 III

- C₃₄H₂₄ON₂** 4-Keto-3:3-diphenyl-1:2-di- β -naphthylidimethylene-1:2-di-imine, 187.
C₃₄H₆₈O₈Au₄ Tetra-*n*-propylglutaratodigold, 108.

C₃₅ Group.

- C₃₅H₃₅O₇N₃** Echinocystic *isodiacetyl*-lactone semicarbazone, 559.

C₃₆ Group.

- C₃₆H₅₂O₄** *cis*-3:4-Dihydroxy- Δ^5 -cholestene benzoate-acetate, 88.
C₃₆H₅₄O₈ 3-Benzoyloxyacetoxy- Δ^5 -cholestenes, 87.

36 III

- C₃₆H₇₂O₈Au₄** Tetra-*n*-propyladipatodigold, 108.

C₃₇ Group.

- C₃₇H₅₀O₃** β -Amyradienonyl benzoate, 39.
C₃₇H₅₂O₃ *iso*- α -Amyrenonyl benzoate, 319.

37 III

- C₃₇H₅₈O₃Br** Bromo- α -amyranonyl benzoate, 319.

C₃₈ Group.

- C₃₈H₃₀O** *o*-Phenylbenzoyldiphenyl-*o*-diphenylmethane, 482.
C₃₈H₃₀O₂ *s*-Diphenylbenzopinacols, 481.

38 III

- C₃₈H₃₀N₈Co** Diphenylformazylbenzene, cobaltous complex, 825.
C₃₈H₃₀N₈Cu Diphenylformazylbenzene, cupric complex, 826.
C₃₈H₃₀N₈Ni Diphenylformazylbenzene, nickel complex, 825.
C₃₈H₇₀O₈Au₄ Tetra-*n*-propylpimelatodigold, 108.

38 IV

- C₃₈H₂₈N₈Br₂Co** Phenyl-*p*-bromophenylformazylbenzene, cobaltous complex, 825.
C₃₈H₂₈N₈Br₂Cu Phenyl-*p*-bromophenylformazylbenzene, cupric complex, 826.
C₃₈H₂₈N₈Br₂Ni Phenyl-*p*-bromophenylformazylbenzene, nickel complex, 825.

C₃₉ Group.

- C₃₉H₃₀O₃N₃Co** Benzeneazobenzaldoxime, cobaltic complex, 825.

C₄₀ Group.

- C₄₀H₃₄N₈Co** Phenyl-*p*-tolylformazylbenzene, cobaltous complex, 825.
C₄₀H₃₄N₈Cu Phenyl-*p*-tolylformazylbenzene, cupric complex, 826.
C₄₀H₃₄N₈Ni Phenyl-*p*-tolylformazylbenzene, nickel complex, 825.
C₄₀H₆₀O₈Au₄ Tetra-*n*-propylsuberatodigold, 108.

40 IV

- C₄₀H₃₄O₂N₈Co** Phenyl-*p*-methoxyphenylformazylbenzene, cobaltous complex, 825.
C₄₀H₃₄O₂N₈Cu Phenyl-*p*-methoxyphenylformazylbenzene, cupric complex, 826.
C₄₀H₃₄O₂N₈Ni Phenyl-*p*-methoxyphenylformazylbenzene, nickel complex, 825.

C₄₂ Group.

C₄₂H₄₆O₅N₆ 2:8:2':8'-Tetrabutylramido-5:10-dihydrodiacidyl 5:5'-ether, 124.

42 IV

C₄₂H₃₀O₃N₉Co Benzeneazopiperonaldoxime, cobaltic complex, 825.

C₄₂H₃₆O₃N₉Co Benzeneazo-*p*-tolualdoxime, cobaltic complex, 825.
p-Tolueneazobenzaldoxime, cobaltic complex, 825.

C₄₂H₃₆O₆N₉Co Benzeneazoanisaldoxime, cobaltic complex, 825.

C₄₆ Group.

C₄₆H₃₄N₈Co Phenyl-naphthylformazylbenzenes, cobaltous complexes, 825.

C₄₆H₃₄N₈Ni Phenyl-naphthylformazylbenzenes, nickel complexes, 825.

C₄₈ Group.

C₄₈H₇₂O₁₂Au₆ Tetraethylisophthalatodigold, 108.

48 IV

C₄₈H₆₉O₁₉N₃Au₆ Tetraethyl-4-nitroisophthalatodigold, 108.