FORMULA INDEX.

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

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

The compounds are arranged—

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

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

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

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

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

C_1 Group.

C_2 Group.

2 III

2 IV

C_3 Group.

3 II

3 III

3 IV

3 V

C_4 Group.

4 III

C_5 Group.

5 VI

C_6 Group.

6 II

6 III

6 IV

6 V

C_7 Group.

7 III

7 IV

C_8 Group.

8 III

8 IV

8 V

$C_8H_8O_3NIS$ Nitrophenyl β-iodoethyl sulphides (BENNETT and BERRY), 1673.
$C_8H_8O_3NClS$ Nitrophenyl β-chloroethyl sulphoxides (BENNETT and BERRY), 1672.
$C_8H_8O_3NBrS$ Nitrophenyl β-bromoethyl sulphoxides (BENNETT and BERRY), 1672.

C_9 Group.

$C_9H_6O_4$ 4:5-Methylenedioxyphthalide (STEVENS and ROBERTSON), 2792.
$C_9H_6O_6$ Hydrastic acid, synthesis of (STEVENS and ROBERTSON), 2790.
$C_9H_8O_2$ Cinnamic acid, condensation of, with pyrogallol and resorcinol (ELLISON), 1720.
$C_9H_8O_3$ Acetophenone-*o*-carboxylic acid (DAVIES and POOLE), 2662.
$C_9H_8O_4$ 5-Carboxy-2-hydroxyacetophenone (CHATTAWAY and PRATS), 692.
$C_9H_8O_5$ 6-Hydroxymethylpiperonylic acid, and its silver salt (STEVENS and ROBERTSON), 2792.
$C_9H_{10}O_2$ 1:2-Dihydroxyallylbenzenes (PERKIN and TRIKOJUS), 1665.
$C_9H_{10}O_3$ *m*-Xylorcylaldehyde (ROBERTSON and ROBINSON), 2202.
$C_9H_{10}O_5$ 3:6-Dihydroxy-2:4-dimethoxybenzaldehyde (CHAPMAN, PERKIN, and ROBINSON), 3029.
$C_9H_{11}Br$ β-Tolylethyl bromides, isomeric, preparation and hydrolysis of (SHOESMITH and CONNOR), 1768.
$C_9H_{12}O_2$ β-Methoxyphenylethyl alcohols (SHOESMITH and CONNOR), 2233.
$C_9H_{12}O_4$ *cyclo*Pentane*spiro*paraconic acid, and its silver salt (SIRCAR), 1258.
$C_9H_{12}O_6$ β-Hydroxy-β-ethylbutane-γδδ-tricarboxylic γ-lactone (SIRCAR), 1258.
$C_9H_{13}N$ Trimethylbenzylamine, picrate of (GOSS, HANHART, and INGOLD), 257.
$C_9H_{14}O_2$ ββ-Dipropylacrylic acid, and its silver salt (KON and MAY), 1552.
α-Ethyl-Δ^1-*cyclo*pentenylacetic acid, and its silver salt (KON and NARAYANAN), 1543.
α-Ethyl*cyclo*pentylideneacetic acid (KON and NARAYANAN), 1543.
*cyclo*Heptylideneacetic acid (KON and MAY), 1554.
$C_9H_{14}O_3$ Methyl 2:2-dimethyl*cyclo*pentan-3-one-1-carboxylate (GIBSON, HARIHARAN, and SIMONSEN), 3012.
$C_9H_{14}O_4$ *apo*Fenchocamphoric acid, synthesis of (SHORT), 961.
$C_9H_{14}O_5$ γ-Acetyl-γ-methylbutane-αβ-dicarboxylic acid (BHAGVAT and SIMONSEN), 87.
α-Keto-ββγγ-tetramethylglutaric hydroxylactone (ROTHSTEIN and SHOPPEE), 533.
$C_9H_{14}O_6$ γ-Mannonolactone-acetone (GOODYEAR and HAWORTH), 3143.
$C_9H_{14}N_2$ Aminobenzyldimethylamines, and their hydrochlorides (STEDMAN), 1905.
$C_9H_{16}O_2$ β-Propylhexoic acid (KON and MAY), 1554.
$C_9H_{16}O_3$ 1-Hydroxy-α-ethyl*cyclo*pentaneacetic acid, and its silver salt (KON and NARAYANAN), 1543.

9 III

$C_9H_3N_3S$ 2:5-Dicyanophenylthiocarbimide (DYSON, GEORGE, and HUNTER), 443.
$C_9H_6O_4Cl_2$ ωω-Dichloro-5-carboxy-2-hydroxyacetophenone (CHATTAWAY and PRATS), 691.
$C_9H_7O_2N$ Homophthalimide (SIRCAR), 1255.
$C_9H_8O_5N_2$ β-*O*-Methyl-6-nitro-3:4-methylenedioxybenzaldoxime (BRADY and KLEIN), 894.
$C_9H_8O_7N_2$ Methyl 2:3-dinitro-4-methoxybenzoate (DADSWELL and KENNER), 587.
$C_9H_9O_3Cl$ Chlorotropic acids (KERR), 1947.
$C_9H_9O_6N$ 3-Nitro-2:4-dimethoxybenzoic acid (DADSWELL and KENNER), 587.

9 IV

9 V

9 VI

C_{10} Group.

10 II

10 III

10 IV

C_{11} Group.

11 IV

11 V

C_{12} Group.

12 II

12 III

12 IV

12 V

C_{13} Group.

13 III

13 IV

13 V

13 VII

C_{14} Group.

14 II

14 III

C_{15} Group.

15 III

$C_{15}H_9O_3Cl$ Chlorohydroxymethylanthraquinone (HAYASHI), 2524.

$C_{15}H_9O_3Br$ Bromohydroxymethylanthraquinone (HAYASHI), 2526.

$C_{15}H_9O_5N_3$ 2:5-Dinitrophenyloxazoles (INGHAM), 698.

$C_{15}H_9O_6N_7$ 3:5-Diketo-2-*o*-nitrophenyl-6-*o*-nitrobenzeneazotetrahydro-1:2:4-triazine (WHITELEY and YAPP), 527.

$C_{15}H_{10}ON_2$ *iso*Quinazindol-2-one (ASAHINA, MANSKE, and ROBINSON), 1709.

$C_{15}H_{10}O_3N_2$ 2-Phenyl-5-*m*-nitrophenyloxazole (INGHAM), 698.

$C_{15}H_{10}O_6N_2$ 2:4-Dinitro-3′:4′-methylenedioxystilbene (NISBET), 2082.

$C_{15}H_{10}N_4S$ *s*-Dicyanophenylthiocarbamides (DYSON, GEORGE, and HUNTER), 443.

$C_{15}H_{11}O_2N$ 3-Phenylindole-2-carboxylic acid (MANSKE, PERKIN, and ROBINSON), 7.

$C_{15}H_{11}O_2N_5$ 3:5-Diketo-6-benzeneazo-2-phenyltetrahydro-1:2:4-triazine (WHITELEY and YAPP), 527.

$C_{15}H_{11}O_2Cl$ 4′-Hydroxyflavylium chloride (IRVINE and ROBINSON), 2090.

$C_{15}H_{11}O_2I_3$ 4′-Hydroxyflavylium periodide (IRVINE and ROBINSON), 2090.

$C_{15}H_{11}O_3Cl$ Chrysinidin chloride (PRATT, ROBERTSON, and ROBINSON), 1977.

Dihydroxyflavylium chlorides (ROBERTSON and ROBINSON), 245, 2203.

$C_{15}H_{11}O_4Cl$ Apigenidin chloride ($+H_2O$) (PRATT, ROBERTSON, and ROBINSON), 1979.

Chlorohydroxybenzoyltoluic acids, and their salts (HAYASHI), 2520.

5:6:7-Trihydroxyflavylium chloride (CHAPMAN, PERKIN, and ROBINSON), 3040.

$C_{15}H_{11}O_4Br$ Bromohydroxybenzoyltoluic acids, and their salts (HAYASHI), 2525.

$C_{15}H_{11}O_5Cl$ Resomorinidin chloride (PRATT, ROBERTSON, and ROBINSON), 1982.

5:6:7:4′-Tetrahydroxyflavylium chloride (CHAPMAN, PERKIN, and ROBINSON), 3038.

$C_{11}H_{11}O_7N$ 2-Nitro-4:5-dimethoxyphenylpyruvic acid (OXFORD and RAPER), 418.

$C_{15}H_{11}O_7N_3$ 2:4:6-Trinitro-4′-methoxystilbene (NISBET), 2083.

$C_{15}H_{11}O_7Cl$ Chrysinidin perchlorate (PRATT, ROBERTSON, and ROBINSON), 1978.

$C_{15}H_{11}NS$ 1-Styrylbenzthiazole (MILLS and WHITWORTH), 2748.

$C_{15}H_{12}O_5N_2$ 2:4-Dinitro-2′-methoxystilbene (ROBINSON and ZAKI), 2489.

Nitrobenzyl-3:4-methylenedioxybenzaldoximes (BRADY and KLEIN), 880.

$C_{15}H_{13}O_2N$ Benzylidenepiperonylmethylamine, and its picrate (MALAN and ROBINSON), 2655.

$C_{15}H_{13}O_4N$ α-Phenylethyl *p*-nitrobenzoate (WARD), 453.

$C_{15}H_{13}O_5N_3$ *m*-Nitrobenzonitro-*m*-xylidides (DADSWELL and KENNER), 1107.

$C_{15}H_{13}O_5N_5$ 3-Nitro-4-acetamidobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 23.

$C_{15}H_{13}O_6N_3$ Dinitrobenzamidophenetoles (FAWCETT and ROBINSON), 2420.

Nitrobenzylnitromethoxybenzaldoximes (BRADY and KLEIN), 881.

$C_{15}H_{13}NS$ 1-β-Phenylethylbenzthiazole (MILLS and WHITWORTH), 2749.

$C_{15}H_{14}O_2N_4$ Benzil δ-aminosemicarbazone (BROWN, PICKERING, and WILSON), 110.

$C_{15}H_{14}O_3N_2$ 5-Carboxy-2-hydroxyacetophenone, and its phenylhydrazone (CHATTAWAY and PRATS), 692.

3-Nitro-4-acetmethylamidodiphenyl (BELL and ROBINSON), 1130.

m-Nitrobenzo-*m*-xylidides (DADSWELL and KENNER), 1107.

$C_{15}H_{14}O_3N_4$ *p*-Acetamidobenzaldehyde *p*-nitrophenylhydrazone (HODGSON and BEARD), 22.

$C_{15}H_{14}O_4N_2$ Dinitrobenz-*p*-phenetidides (FAWCETT and ROBINSON), 2420.

Nitro-4-benzamidophenetoles (FAWCETT and ROBINSON), 2418.

Nitrobenzylmethoxybenzaldoximes (BRADY and KLEIN), 880.

15 IV

C_{16} Group.

16 III

16 IV

16 V

C_{17} Group.

$C_{17}H_{22}O_7$ Methyl ethyl hydrogen 4-methyl-5-*cyclo*hexane*spiro*-Δ^1-*cyclo*penten-3-one-1:2:4-tricarboxylate (INGOLD and SEELEY), 1688.

$C_{17}H_{22}N_2$ Benzyl-*n*-butyl-*p*-phenylenediamine, and its salts (REILLY and DRUMM), 1396.

$C_{17}H_{26}O_9$ Ethyl $\beta\delta$-dicarbethoxy-γ-ketopimelate (ROBINSON and ZAKI), 2413.

$C_{17}H_{30}O_4$ Tetrahydrongaiol acetate (MCDOWALL), 734.

17 III

$C_{17}H_{10}OS_2$ 1:3-Benzdithiole-2-β-naphthaquinone, and its hydrochloride (HURTLEY and SMILES), 536.

$C_{17}H_{11}O_4N_3$ 3-Nitrobenzaldehyde-4-azo-β-naphthol (HODGSON and BEARD), 23.

$C_{17}H_{12}O_2N_4$ 2:6-Dibenzeneazopyrone (MULLEN and CROWE), 1752.

$C_{17}H_{12}O_5Br$ Dibromocarajurin (CHAPMAN, PERKIN, and ROBINSON), 3024.

$C_{17}H_{13}ON$ Oxyprotoberberine (CHAKRAVARTI, HAWORTH, and PERKIN), 2279.

$C_{17}H_{13}O_2Cl$ Chlorohydroxydistyryl ketones (HEILBRON and HILL), 921.

$C_{17}H_{14}O_3N_4$ Methyl 1-phenyl-4:5-diketopyrazoline-3-carboxylate 4-phenylhydrazone (CHATTAWAY and HUMPHREY), 2139.

$C_{17}H_{14}O_5Br_4$ Carajurin tetrabromide (CHAPMAN, PERKIN, and ROBINSON), 3023.

$C_{17}H_{14}NCl$ Protoberberinium chloride (CHAKRAVARTI, HAWORTH, and PERKIN), 2279.

$C_{17}H_{14}NI$ Protoberberinium iodide (CHAKRAVARTI, HAWORTH, and PERKIN), 2279.

$C_{17}H_{15}O_2Cl$ 7-Methoxy-2-phenyl-5-methylbenzopyrylium chloride (HIRST), 2494.

$C_{17}H_{15}O_2N$ Ethyl 3-phenylindole-2-carboxylate (MANSKE, PERKIN, and ROBINSON), 7.

$C_{17}H_{15}O_2N_5$ 3:5-Diketo-6-*p*-toluneazo-2-*p*-tolyltetrahydro-1:2:4-triazine (WHITELEY and YAPP), 527.

$C_{17}H_{15}O_3Cl$ 3:4′-Dimethoxyflavylium chloride (ROBERTSON and ROBINSON), 2203.

7-Hydroxy-4′-methoxy-2-phenyl-5-methylbenzopyrylium chloride (HIRST), 2494.

$C_{17}H_{15}O_4Cl$ 3:5:4′-Trihydroxy-6:8-dimethylflavylium chloride (ROBERTSON and ROBINSON), 2204.

$C_{17}H_{15}O_5Cl$ 5:7-Dihydroxy-3′:4′-dimethoxyflavylium chloride (PRATT, ROBERTSON, and ROBINSON), 1981.

5:7-Dihydroxy-6:4′-dimethoxyflavylium chloride (CHAPMAN, PERKIN, and ROBINSON), 3039.

3:5:3′:4′-Tetrahydroxy-6:8-dimethylflavylium chloride (ROBERTSON and ROBINSON), 2205.

$C_{17}H_{15}O_7N_7$ Di-*o*-nitroformazylcarboxylic acid urethane (WHITELEY and YAPP), 526.

$C_{17}H_{17}O_3N_3$ *meso*-1-*p*-Nitrobenzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 344.

$C_{17}H_{17}O_3N_5$ Formazylcarboxylic acid urethane (WHITELEY and YAPP), 526.

$C_{17}H_{17}O_4N$ Piperonylmethyl-β-piperonylethylamine (MALAN and ROBINSON), 2656.

$C_{17}H_{17}O_6N_3$ 2-Nitro-4:5-dimethoxyphenylpyruvic acid phenylhydrazone (OXFORD and RAPER), 419.

$C_{17}H_{18}ON_2$ 1-Benzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxalines (GIBSON), 344.

$C_{17}H_{18}ON_4$ Diacetophenonecarbohydrazone (BROWN, PICKERING, and WILSON), 109.

$C_{17}H_{18}O_3N_2$ 5-Piperidino-2-nitrodiphenyl ether (LE FÈVRE, SAUNDERS, and TURNER), 1171.

$C_{17}H_{18}O_4N_4$ 4:6-Dinitro-3-anilino-1-piperidinobenzene (LE FÈVRE and TURNER), 1118.

$C_{17}H_{19}O_2N_3$ 4-Nitro-2-benzylideneaminodiethylaniline (BURTON and GIBSON), 2388.

$C_{17}H_{19}O_3N$ 2:6-Dimethoxy-4-methylbenz-*p*-toluidide (ROBERTSON and ROBINSON), 2200.

$C_{17}H_{19}O_3N_3$ Phenyl *β*-2-hydroxy-5-methoxyphenylethyl ketone semicarbazone (IRVINE and ROBINSON), 2093.

$C_{17}H_{19}O_5N$ Ethyl *δ*-phthalimido-*α*-acetylvalerate (MANSKE, PERKIN, and ROBINSON), 8.

$C_{17}H_{20}ON_2$ *p*-Nitrosobenzyl-*n*-butylaniline, and its hydrochloride (REILLY and DRUMM), 1396.

$C_{17}H_{20}N_2S$ *s*-Di-*m*-xylyl-2-thiocarbamide (DYSON, GEORGE, and HUNTER), 440.

$C_{17}H_{23}ON$ *α*-Ethyl-Δ^1-*cyclo*hexenylacet-*p*-toluidide (KON and NARAYANAN), 1540.

$C_{17}H_{28}NI$ 4-Phenyl-1:1-di-*n*-propylpiperidinium iodide (MILLS, PARKIN, and WARD), 2622.

17 IV

$C_{17}H_{10}O_3N_4Br_4$ Methyl 1-2′:4′-dibromophenyl-4:5-diketopyrazoline-3-carboxylate dibromophenyl hydrazone (CHATTAWAY and HUMPHREY), 1326.

$C_{17}H_{12}O_3N_4Br_2$ Methyl 1-*p*-bromophenyl-4:5-diketopyrazoline-3-carboxylate bromophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.

$C_{17}H_{13}O_9N_3S_2$ Nitrobenzoylnaphthylaminedisulphonic acids, and their sodium salts (BALABAN and KING), 3078.

$C_{17}H_{13}O_{10}N_3S_2$ Nitrobenzoylamino-8-naphthol-3:6-disulphonic acids, salts (BALABAN and KING), 3090.

$C_{17}H_{13}O_{12}N_3S_3$ *m*-Nitrobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, salts (BALABAN and KING), 3095.

$C_{17}H_{14}O_4NBr$ Piperonylidene-6-bromo-*β*-piperonylethylamine (STEVENS), 184.

$C_{17}H_{14}O_7N_2S_2$ Aminobenzoylnaphthylaminedisulphonic acids, and their salts (BALABAN and KING), 3079.

$C_{17}H_{14}O_8N_2S_2$ *m*-Aminobenzoylamino-8-naphthol-3:6-disulphonic acids, and their salts (BALABAN and KING), 3090.

$C_{17}H_{15}O_2NS$ Acetyl-4-keto-2-phenyltetrahydro-1:5-heptabenzthiazine (MILLS and WHITWORTH), 2745.

$C_{17}H_{15}O_3N_3Br_2$ *o*-Acetamidobenzoyl-*α*-acetyl-2:4-dibromophenylhydrazine (CHATTAWAY and WALKER), 331.

$C_{17}H_{15}O_6N_4Br$ 4-Bromo-2:3′:5′-trinitro-4′-piperidinodiphenyl (LE FÈVRE, MOIR, and TURNER), 2338.

$C_{17}H_{16}O_3N_2Br_2$ Glutaro-*p*-bromoanilide (BARNICOAT), 2928.

$C_{17}H_{16}O_2N_2S$ *s*-Di-*p*-acetylphenylthiocarbamide (DYSON, GEORGE, and HUNTER), 442.

$C_{17}H_{16}O_3NBr$ Benzoylmethylbromopiperonylethylamine (STEVENS), 185.

$C_{17}H_{18}O_2N_4S$ *s*-Di-*p*-acetamidophenylthiocarbamide (DYSON, GEORGE, and HUNTER), 444.

$C_{17}H_{20}O_2N_2S$ *s*-Diethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 441.

1-*p*-Toluenesulphonyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxalines (GIBSON), 345.

$C_{17}H_{20}O_4N_2S$ *s*-Bisdimethoxyphenylthiocarbamides (DYSON, GEORGE, and HUNTER), 441.

C_{18} Group.

$C_{18}H_{12}As_2$ Tri-*o*-phenylenediarsine (MCCLELAND and WHITWORTH), 2753.

$C_{18}H_{14}O_4$ Diacetoxyanthracenes (GREEN), 556.

ββ′-Diphenylmuconic acid (FARMER and DUFFIN), 411.

$C_{18}H_{14}O_6$ Diacetylflavopurpurin-anthranol (CROSS and PERKIN), 1304.

$C_{18}H_{16}O_2$ 4-Phenacyl-2-methyl-1:4-benzopyran (HEILBRON and HILL), 924.

$C_{18}H_{16}O_4$ *ββ′*-Diphenyl-*Δβ*-dihydromuconic acids (FARMER and DUFFIN), 412.

$C_{18}H_{16}Br_2$ Dibromo-*αζ*-diphenylhexadiene (FARMER, LAROIA, SWITZ, and THORPE), 2955.

18 III

$C_{18}H_{20}O_3N_2$ α-Phenylbutane-βγ-dione β-2:5-dimethoxyphenylhydrazone (MANSKE, PERKIN, and ROBINSON), 7.

$C_{18}H_{20}O_4N_2$ 4-Methoxy-*m*-oxalotoluidide (DADSWELL and KENNER), 585.

$C_{18}H_{20}NI$ Tetrahydroprotoberberine methiodides (CHAKRAVARTI, HAWORTH, and PERKIN), 2280.

$C_{18}H_{21}O_2N$ 6-Methoxy-1-(3′-methoxybenzyl)-1:2:3:4-tetrahydro*iso*quinoline, and its salts (CHAKRAVARTI, HAWORTH, and PERKIN), 2270.

$C_{18}H_{21}O_4N_3$ Diacetyl derivative of substance $C_{14}H_{18}ON_2$ (KRISHNAMURTI and DEY), 1351.

$C_{18}H_{23}ON$ β-Thujylideneacetanilide (HUGH and KON), 2598.

$C_{18}H_{31}ON_3$ Methyl*cyclo*hexanone δ-*d*-bornylsemicarbazones (GOODSON), 1999.

18 IV

$C_{18}H_{12}O_3N_4Cl_4$ Ethyl dichlorophenyldiketopyrazoline-3-carboxylate dichlorophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.

$C_{18}H_{12}O_3N_4Br_4$ Ethyl dibromophenyl-4:5-diketopyrazoline-3-carboxylate dibromophenylhydrazone (CHATTAWAY and HUMPHREY), 1326.

$C_{18}H_{15}OClSi$ Phenoxydiphenylsilicyl chloride, and its action with sodium (KIPPING), 2728.

$C_{18}H_{14}O_3N_4Cl_2$ Ethyl chlorophenyl-4:5-diketopyrazoline-3-carboxylate chlorophenylhydrazone (CHATTAWAY and HUMPHREY), 1328.

$C_{18}H_{14}O_3N_4Br_2$ Ethyl 1-*p*-bromophenyl-4:5-diketopyrazoline-3-carboxylate bromophenylhydrazone (CHATTAWAY and HUMPHREY), 1327.

$C_{18}H_{16}O_4NBr$ 6:7-Methylenedioxy-2-piperonylmethyl-3:4-dihydro*iso*quinolinium bromide (MALAN and ROBINSON), 2656.

$C_{18}H_{18}O_2N_2Br_2$ Adipo-*p*-bromoanilide (BARNICOAT), 2928.

$C_{18}H_{19}O_2N_3S$ Benzaldehyde *S*-*o*-carbethoxybenzylthiosemicarbazone, and its hydrochloride (BAIRD, BURNS, and WILSON), 2530.

$C_{18}H_{20}O_2N_2S$ Thiodipropiondianilide (BENNETT and SCORAH), 196.

$C_{18}H_{20}O_6N_3As$ 3-*m*-Nitrobenzamido-4-piperidinophenylarsinic acid, and its salts (KING), 1054.

$C_{18}H_{22}O_4N_3As$ 3-*m*-Aminobenzamido-4-piperidinophenylarsinic acid, and its salts (KING), 1054.

$C_{18}H_{26}O_{16}N_{11}Co$ Aquopentamminocobaltic dinitrophenoxides (DUFF and BILLS), 2370.

$C_{18}H_{27}O_9N_8Co$ *p*-Nitrophenoxopentamminocobaltic *p*-nitrophenoxide (DUFF and BILLS), 2370.

18 V

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

C_{19} Group.

$C_{19}H_{14}O_3$ 2-Phenyl-5-methyl-3:4-coumalo-6-benzopyran (HEILBRON and HILL), 924.

$C_{19}H_{14}O_4$ *iso*Benzanthragallol dimethyl ether (CROSS and PERKIN), 1303.
*iso*Benzflavopurpurin dimethyl ether (CROSS and BEVAN), 1306.

$C_{19}H_{16}O$ Benzhydryl phenyl ether (HEILBRON and HILL), 2011.

$C_{19}H_{18}O_5$ 9-Acetyl-3:4:6-trimethoxyanthranol (MACMASTER and PERKIN), 1309.

$C_{19}H_{18}O_7$ Quercetin tetramethyl ether (ATTREE and PERKIN), 239.

$C_{19}H_{20}O_5$ 3-Homoveratryl-7-methoxychromanone (PERKIN, RÂY, and ROBINSON), 2098.

$C_{19}H_{26}O_2$ Benzoyl-5-acetyl-1:3:3:4:4-pentamethyl*cyclo*pentan-1-ol (VOGEL), 599.

$C_{19}H_{30}O_{14}$ Tetracarbethoxymethylfructosides (ALLPRESS, HAWORTH, and INKSTER), 1235.

19 III

$C_{19}H_{14}O_3N_2$ Benzoyl-*o*-nitrodiphenylamine (CHAPMAN), 1748.
p-Nitrobenzoyldiphenylamine (CHAPMAN), 1749.
N-Phenylbenzimino-*p*-nitrophenyl ether (CHAPMAN), 1745.

$C_{19}H_{15}O_2N_3$ Benzenyl-*p*-nitrodiphenylamidine (CHEW and PYMAN), 2320.

$C_{19}H_{16}OS$ Dibenzylidenepenthianone (BENNETT and SCORAH), 199.

$C_{19}H_{16}O_2N_4$ 3:5-Dibenzeneazo-2:6-dimethylpyrone (MULLEN and CROWE), 1753.

$C_{19}H_{16}O_4N_2$ 6:7-Methylenedioxy-1-cyano-2-piperonylmethyl-1:2:3:4-tetrahydro*iso*quinoline (MALAN and ROBINSON), 2657.

$C_{19}H_{17}O_3N$ 3:11-Dimethoxyoxyprotoberberine (CHAKRAVARTI, HAWORTH, and PERKIN), 2273.

$C_{19}H_{17}O_4N_3$ Ethyl 1-phenyl-4-benzamido-5-ketopyrazoline-3-carboxylate (CHATTAWAY and HUMPHREY), 2136.

$C_{19}H_{18}O_3N_2$ 6-Nitro-9-benzoylhexahydrocarbazole (GURNEY and PLANT), 1321.

$C_{19}H_{18}O_3N_4$ *n*-Propyl 1-phenyl-4:5-diketopyrazoline-3-carboxylate 4-phenylhydrazone (CHATTAWAY and HUMPHREY), 2139.

$C_{19}H_{18}O_5Br_2$ Veratrylidene-7-methoxychromanone dibromide (PERKIN, RÂY, and ROBINSON), 2097.

$C_{19}H_{18}O_6N_2$ 6:7-Methylenedioxy-1-nitromethyl-2-piperonylmethyl-1:2:3:4-tetrahydro*iso*quinoline (MALAN and ROBINSON), 2657.

$C_{19}H_{18}O_8N_2$ Methyl di-*m*-nitrobenzylmalonate (BAKER and ECCLES), 2127.

$C_{19}H_{19}ON$ 9-Benzoyl-*trans*-hexahydrocarbazole (GURNEY, PERKIN, and PLANT), 2679.

$C_{19}H_{19}O_2N$ 3:11-Dimethoxydihydroprotoberberine, and its salts (CHAKRAVARTI, HAWORTH, and PERKIN), 2271.

$C_{19}H_{19}O_4Cl$ 5-Hydroxy-3:4′-dimethoxy-6:8-dimethylflavylium chloride (ROBERTSON and ROBINSON), 2204.

$C_{19}H_{19}O_5Cl$ 6-Hydroxy-5:7:4′-trimethoxy-4-methylflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3034.
5:6:7:4′-Tetramethoxyflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3037.

$C_{19}H_{19}O_6N$ 2-Carbomethoxyveratrylidenepiperonylmethylamine (MALAN and ROBINSON), 2655.

$C_{19}H_{21}O_2N$ 3:11-Dimethoxytetrahydroprotoberberine, and its salts (CHAKRAVARTI, HAWORTH, and PERKIN), 2271.

$C_{19}H_{21}O_3N_3$ 3-Methoxy-4-benzyloxystyryl methyl ketone semicarbazone (DICKINSON, HEILBRON, and IRVING), 1896.

$C_{19}H_{21}O_3N_5$ Di-*p*-tolylformazylcarboxylic acid urethane (WHITELEY and YAPP), 526.

$C_{19}H_{22}O_2N_2$ Glutarotoluidides (BARNICOAT), 2928.

$C_{19}H_{22}O_6N_2$ Veratrylidenemethoxychromanone oxamino-oxime (PERKIN, RÂY, and ROBINSON), 2097.

19 IV

$C_{19}H_8O_2NCl_7$ Heptachloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2859.

$C_{19}H_9ONCl_6$ *N*-2:4:6-Trichlorophenylbenzimino-2:4:6-trichlorophenyl ether (CHAPMAN), 1747.

$C_{19}H_9O_2NCl_6$ Hexachloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2858.

$C_{19}H_{10}O_2NCl_5$ 2:6:2′:4′:6′-Pentachloro-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.

$C_{19}H_{10}O_2NBr_5$ Pentabromo-4-benzoyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2861.

$C_{19}H_{11}O_2NCl_4$ 2:6:2′:4-Tetrachloro-4-hydroxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.

19 V

$C_{19}H_{13}O_3NCl_4S$ 2:6:2′:4′-Tetrachloro-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.

$C_{19}H_{14}O_3NCl_3S$ 2:2′:4′-Trichloro-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2857.

$C_{19}H_{14}O_3NBr_3S$ Tribromo-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2860.

$C_{19}H_{16}O_2NBrS$ 4′-Bromo-4-*p*-toluenesulphonamidodiphenyl (BELL and ROBINSON), 1131.

19 VI

$C_{19}H_{12}O_3NCl_2Br_2S$ Dichlorotribromo-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.

$C_{19}H_{12}O_3NCl_3Br_2S$ Trichlorodibromo-4-*p*-toluenesulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2862.

$C_{19}H_{13}O_3NCl_3BrS$ Trichlorobromosulphonyloxydiphenylamine (BRADFIELD, COOPER, and ORTON), 2863.

C_{20} Group.

$C_{20}H_{16}O_4$ Benzanthrapurpurin trimethyl ether (CROSS and PERKIN), 1302.

$C_{20}H_{18}O$ Benzhydryl *p*-tolyl ether (HEILBRON and HILL), 2011.

$C_{20}H_{26}S$ Di-α-phenylbutyl sulphide (EVANS, MABBOTT, and TURNER), 1167.

$C_{20}H_{32}O_{14}$ Tetracarbethoxy γ-ethylfructoside (ALLPRESS, HAWORTH, and INKSTER), 1236.

$C_{20}H_{38}O_{13}$ 2:3:4:5-Tetramethylgluconic acid (HAWORTH, LOACH, and LONG), 3154.

$C_{20}H_{40}O_2$ Acid, from oxidation of *n*-triacontane (FRANCIS and WOOD), 1900.

20 III

$C_{20}H_{10}O_8N_6$ 2:3-Di(3′:5′-dinitrophenyl)quinoxaline (CHATTAWAY and COULSON), 579.

$C_{20}H_{12}O_4N_4$ 2:3-Di(3′-nitrophenyl)quinoxaline (CHATTAWAY and COULSON), 578.

$C_{20}H_{12}O_9N_6$ 3:5:3′:5′-Tetranitrobenzil phenylhydrazone (CHATTAWAY and COULSON), 579.

$C_{20}H_{13}O_2N$ 4-Phthalimidodiphenyl (SCARBOROUGH and WATERS), 1140.

$C_{20}H_{14}O_5N_4$ 3:3′-Dinitrobenzil phenylhydrazone (CHATTAWAY and COULSON), 578.

$C_{20}H_{16}O_3N_2$ 2-Acetyl-3-β-phthalimidoethylindole (MANSKE, PERKIN, and ROBINSON), 11.

$C_{20}H_{16}O_4N_2$ αγ-Diphthalimido-β-methylpropane (MANN), 2915.

$C_{20}H_{17}O_2N$ *N*-Phenylbenziminoanisyl ethers (CHAPMAN), 1745.

Benzoylmethoxydiphenylamines (CHAPMAN), 1748.

$C_{20}H_{17}O_3N_3$ Benzenylmethyl-*p*-nitrophenylamidophenylimidine, and its salts (CHEW and PYMAN), 2321.

$C_{20}H_{17}O_2Cl$ 3-*o*-Hydroxyphenyl-5-chlorostyryl-Δ^5-*cyclo*hexen-1-ones (HEILBRON and HILL), 922.

$C_{20}H_{19}O_2N$ Anhydromethyl-3:11-dimethoxytetrahydroprotoberberine, and its hydrochloride (CHAKRAVARTI, HAWORTH, and PERKIN), 2274.

$C_{20}H_{19}O_3N_3$ ζ-Phthalimidohexane-βγ-dione γ-phenylhydrazone (MANSKE, PERKIN, and ROBINSON), 9.

$C_{20}H_{20}O_3N_4$ *n*-Butyl 1-phenyl-4:5-diketopyrazoline-3-carboxylate 4-phenylhydrazone (CHATTAWAY and HUMPHREY), 2139.

Ethyl 4:5-diketo-1-tolylpyrazolinecarboxylate tolylhydrazones (CHATTAWAY and HUMPHREY), 2796.

$C_{20}H_{20}O_4N_2$ *N*-Methyl-*N*-β-piperonylethyl-6-aminomethylhomopiperonylonitrile (STEVENS), 182.

$C_{20}H_{20}O_7N_2$ Ethyl bis-*p*-nitrobenzylacetoacetate (BURGESS), 2019.

$C_{20}H_{21}O_4N_3$ ζ-*o*-Carboxybenzamidohexane-βγ-dione γ-phenylhydrazone (MANSKE, PERKIN, and ROBINSON), 8.

$C_{20}H_{21}O_5Cl$ 5:6:7:4′-Tetramethoxy-4-methylflavylium chloride, and its ferrichloride (CHAPMAN, PERKIN, and ROBINSON), 3035.

$C_{20}H_{21}O_6N$ *N*-Methyl-*N*-β-piperonylethyl-6-aminomethylhomopiperonylic acid (STEVENS), 187.

$C_{20}H_{22}O_5N_2$ *N*-Methyl-*N*-β-piperonylethyl-6-aminomethylhomopiperonylam ide (STEVENS), 183.

$C_{20}H_{24}O_2N_2$ Adipotoluidides (BARNICOAT), 2928.

$C_{20}H_{26}O_2S$ γγ′-Dibenzyloxydipropyl sulphide (BENNETT and HOCK), 480.

$C_{20}H_{26}O_3S$ Menthyl naphthalenesulphonates, rotation and decomposition of (PATTERSON and MCALPINE), 353.

$C_{20}H_{26}NI$ 4-Phenyl-1-benzyl-1-ethylpiperidinium iodides (MILLS, PARKIN, and WARD), 2621.

20 IV

$C_{20}H_{15}O_2N_2Bi$ Triphenylbismuthine dicyanate (CHALLENGER and WILSON), 211.

$C_{20}H_{15}O_2N_2Sb$ Triphenylstibine dicyanate (CHALLENGER and WILSON), 211.

$C_{20}H_{16}O_3N_4Br_4$ *n*-Butyl dibromophenyl-4:5-diketopyrazoline-3-carboxylate dibromophenylhydrazone (CHATTAWAY and HUMPHREY), 1326.

$C_{20}H_{16}O_8N_2Be$ Beryllium nitrobenzoylacetones (BURGESS), 2018.

$C_{20}H_{18}O_4N_2S$ 3-Nitro-4-*p*-toluenesulphonmethylamidodiphenyl (BELL and ROBINSON), 1129.

$C_{20}H_{18}O_4N_4Br_4$ Ethyl diketosuccinate 2:4-dibromophenylosazone (CHATTAWAY and HUMPHREY), 1326.

$C_{20}H_{19}O_4N_2Br$ *N*-Methyl-*N*-6′-bromo-β-piperonylethyl-6-aminomethylhomopiperonylonitrile, and its salts (STEVENS), 185.

$C_{20}H_{20}O_4N_2Cl$ ζ-*o*-Carboxybenzamidohexane-βγ-dione γ-*m*-chlorophenylhydrazone (MANSKE, PERKIN, and ROBINSON), 10.

$C_{20}H_{22}O_2N_2Br_2$ Subero-*p*-bromoanilide (BARNICOAT), 2928.

$C_{20}H_{23}O_5Cl_4Fe$ 5-Hydroxy-3:3′:4′-trimethoxy-6:8-dimethylflavylium ferrichloride (ROBERTSON and ROBINSON), 2204.

$C_{20}H_{24}O_4NCl$ 3:11-Dimethoxytetrahydroprotoberberine methochlorides (CHAKRAVARTI, HAWORTH, and PERKIN), 2274.

$C_{20}H_{24}O_4NI$ 3:11-Dimethoxytetrahydroprotoberberine methiodides (CHAKRAVARTI, HAWORTH, and PERKIN), 2273.

20 V

$C_{20}H_{12}O_6N_2S_2Na_2$ Sodium 4-sulpho-α-naphthaleneazo-β-naphthyl sulphite (KING), 2644.

$C_{20}H_{20}O_4N_4Br_6S_2$ 1-Amino-5-carbethoxybenzthiazole tribromide (DYSON, HUNTER, and MORRIS), 1190.

C_{21} Group.

$C_{21}H_{12}O_5$ Benzoylalizarin (GREEN), 2931.

$C_{21}H_{14}O_2$ Benzo-β-naphtha*spiro*pyran (DICKINSON and HEILBRON), 1702.

$C_{21}H_{14}O_5$ 2:5-Dihydroxybenzaldehyde dibenzoate (HODGSON and BEARD), 2340.

$C_{21}H_{14}O_6$ Diacetyl*iso*benzanthragallol (CROSS and PERKIN), 1302.

Diacetyl*iso*benzflavopurpurin (CROSS and PERKIN), 1305.

$C_{21}H_{14}Cl_2$ 1:5-Dichloro-9-phenyl-10-methylene-9:10-dihydroanthracene (BARNETT, COOK, and WILTSHIRE), 1731.

$C_{21}H_{16}O_2$ 4-Hydroxy-2:2-diphenyl-Δ^3-chromen (HEILBRON and HILL), 2010.

$C_{21}H_{16}N_2$ Amino-2:4-diphenylquinolines (FAWCETT and ROBINSON), 2258.

$C_{21}H_{18}O_2$ 2-Benzoyldi-*p*-tolyl ether (REILLY and DRUMM), 2818.

$C_{21}H_{20}O_8$ Acetylquercetin tetramethyl ether (ATTREE and PERKIN), 239.

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

21 III

$C_{21}H_{15}OCl$ 2-Styryl-β-naphthapyrylium chloride (DICKINSON and HEILBRON), 18.
$C_{21}H_{15}O_4Cl$ 3-*p*-Hydroxystyryl-β-naphthapyrylium chloride ($+ 2H_2O$) (DICKINSON and HEILBRON), 18.
$C_{21}H_{15}O_3Cl$ 2-Chlorostyryl-5-methyl-3:4-coumalo-6-benzopyrans (HEILBRON and HILL), 921.
$C_{21}H_{17}O_2N$ Benzoyl-*p*-acetyldiphenylamine (CHAPMAN), 1748.
N-Phenylbenziminoacetylphenyl ethers (CHAPMAN), 1746.
$C_{21}H_{17}N_2Br_3$ *o*-Bromobenzylidene di-*o*-bromobenzylhydrazine (KENNER and WILSON), 1111.
$C_{21}H_{18}O_3N_4$ $\omega\omega$-Dichloro-5-carboxy-2-hydroxyacetophenone osazone (CHATTAWAY and PRATS), 691.
$C_{21}H_{18}O_4N_2$ 6-Methoxy-2-acetyl-3-β-phthalimidoethylindole (MANSKE, PERKIN, and ROBINSON), 13.
$C_{21}H_{18}N_2Br_2$ Benzylidenedi-*o*-bromobenzylhydrazine (KENNER and WILSON), 1111.
$C_{21}H_{19}O_2N$ 3-Benzoylaminodi-*p*-tolyl ether (REILLY and BARRETT), 1400.
$C_{21}H_{21}O_4N_3$ ζ-Phthalimidohexane-$\beta\gamma$-dione γ-*m*-methoxyphenylhydrazone (MANSKE, PERKIN, and ROBINSON), 12.
$C_{21}H_{21}O_5N$ Oxypalmatine (HAWORTH, KOEPFLI, and PERKIN), 553.
$C_{21}H_{21}O_8Cl$ 3-β-Glucosidoxy-7-hydroxyflavylium chloride (ROBERTSON and ROBINSON), 244.
$C_{21}H_{22}O_2N_2$ Normethylstrychnine (CLEMO, PERKIN, and ROBINSON), 1624.
Strychnine (OXFORD, PERKIN, and ROBINSON), 2380.
$C_{21}H_{22}O_5Br_4$ 3:3′:4:4′-Tetramethoxydistyryl ketone tetrabromide (DICKINSON, HEILBRON, and IRVING), 1892.
$C_{21}H_{23}O_3N_3$ ζ-*o*-Carboxybenzamidohexane-$\beta\gamma$-dione β-*m*-methoxyphenylhydrazone (MANSKE, PERKIN, and ROBINSON), 12.
$C_{21}H_{24}ON_2$ *iso*Strychnidine (OXFORD, PERKIN, and ROBINSON), 2404.
$C_{21}H_{24}O_2N_2$ Dihydrostrychnines (OXFORD, PERKIN, and ROBINSON), 2393.
$C_{21}H_{24}O_3N_2$ Strychnidone (CLEMO, PERKIN, and ROBINSON), 1613.
*allo*Strychnidone (CLEMO, PERKIN, and ROBINSON), 1615.
$C_{21}H_{25}ON_3$ Aminostrychnidine (OXFORD, PERKIN, and ROBINSON), 2408.
$C_{21}H_{25}O_3N_3$ Strychnidone oxime (CLEMO, PERKIN, and ROBINSON), 1614.
$C_{21}H_{25}O_4N$ Tetrahydropalmatine (HAWORTH, KOEPFLI, and PERKIN), 553.
$C_{21}H_{25}O_5N$ 3:11-Dimethoxytetrahydroprotoberberine methocarbonate (CHAKRAVARTI, HAWORTH, and PERKIN), 2274.
$C_{21}H_{26}ON_2$ Dihydrostrychnidines (OXFORD, PERKIN, and ROBINSON), 2399.
$C_{21}H_{26}O_2N_2$ Pimelotoluidides (BARNICOAT), 2928.
Tetrahydrostrychnine (CLEMO, PERKIN, and ROBINSON), 1600.
$C_{21}H_{26}O_4N_2$ Anhydromethoxymethylstrychnidonic acid (CLEMO, PERKIN, and ROBINSON), 1616.
Dioxyhydroxydihydrostrychnidine (OXFORD, PERKIN, and ROBINSON), 2407.
$C_{21}H_{28}O_2N_2$ Hexahydrostrychnine (OXFORD, PERKIN, and ROBINSON), 2403.

$C_{21}H_{28}O_5N_2$ Dioxyhydroxyhexahydrostrychnine (OXFORD, PERKIN, and ROBINSON), 2407.

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

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

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

21 IV

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

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

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

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

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

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

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

C_{22} Group.

$C_{22}H_{16}O_2$ Methylbenzo-β-naphtha*spiro*pyrans (DICKINSON and HEILBRON), 1702.

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

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

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

$C_{22}H_{16}O_4$ 2-*o*-Carboxybenzoyldi-*p*-tolyl ether and its silver salt (REILLY and DRUMM), 2816.

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

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

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

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

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

$C_{22}H_{22}O_4$ Ethyl ββ′-diphenylmuconate (FARMER and DUFFIN), 411.

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

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

22 III

$C_{22}H_{15}O_3Cl$ 3-3′:4′-Methylenedioxystyryl-β-naphthapyrylium chloride (DICKINSON and HEILBRON), 19.

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

$C_{22}H_{17}O_3Cl$ 3-*p*-Methoxystyryl-β-naphthapyrylium chloride (DICKINSON and HEILBRON), 18.

$C_{22}H_{17}O_3Cl$ 3-3′-Methoxy-4′-hydroxystyryl-β-naphthapyrylium chloride (+ $2H_2O$) (DICKINSON and HEILBRON), 18.

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

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

$C_{22}H_{22}O_5Cu$ Copper hydroxymethyleneacetoveratrone (PRATT, ROBERTSON, and ROBINSON), 1981.

$C_{22}H_{23}O_{10}Cl$ 4′-β-Glucosidoxy-5:7-dihydroxy-3-methoxyflavylium chloride (ROBERTSON and ROBINSON), 1714.

22 IV

C_{23} Group.

$C_{23}H_{18}O_2$ 1:2-Dibenzoyloxy-3-allylbenzene (PERKIN and TRIKOJUS), 1665.

$C_{23}H_{18}Cl_2$ 1:5-Dichloro-9-phenyl-10-propylanthracenes (BARNETT, COOK, and WILTSHIRE), 1731.

1:5-Dichloro-9-phenyl-10-propylidene-9:10-dihydroanthracene (BARNETT, COOK, and WILTSHIRE), 1731.

$C_{23}H_{20}O$ 2:2-Diphenyldimethyl-Δ^3-chromens (HEILBRON and HILL), 2011.

$C_{23}H_{22}O_2$ Diphenyl-2-hydroxy-β:4-dimethylstyrylcarbinol (HEILBRON and HILL), 2011.

$C_{23}H_{32}O_9$ *O*-Triacetyldihydrocarajurinol (CHAPMAN, PERKIN, and ROBINSON), 3024.

$C_{23}H_{28}O_5$ 3:3′-Dimethoxy-4:4′-diethoxydistyryl ketone (DICKINSON, HEILBRON, and IRVING), 1894.

$C_{23}H_{44}O_2$ Methyl *iso*erucate (MIRCHANDANI and SIMONSEN), 375.

23 III

$C_{23}H_{17}ON$ *N*-Phenylbenziminonaphthyl ethers (CHAPMAN), 1745.

$C_{23}H_{17}ON_3$ 9-Methylcarbazole-3-azo-β-naphthol (BURTON and GIBSON), 2386.

$C_{23}H_{17}O_5Cl$ *O*-Benzoylacacetinidin chloride (+ H_2O) (PRATT, ROBERTSON, and ROBINSON), 1978.

$C_{23}H_{19}O_2Cl$ 3-3′:4′-Dimethoxystyryl-β-naphthapyrylium chloride (DICKINSON and HEILBRON), 19.

$C_{23}H_{20}O_6N_4$ Ethyl dibenzeneazochelidonate (MULLEN and CROWE), 1752.

$C_{23}H_{21}O_4Cl$ Ethyl 3-*o*-hydroxyphenyl-5-chlorostyryl-Δ^5-*cyclo*hexen-1-one-2-carboxylates (HEILBRON and HILL), 921.

$C_{23}H_{21}N_2I$ 1:1′-Dimethyl-4:4′-carbocyanine iodide (HAMER), 2801.

$C_{23}H_{22}O_7N_2$ Ethyl dibenzeneazoacetonedioxalate (MULLEN and CROWE), 1752.

$C_{23}H_{24}O_3N_2$ *O*-Acetyl*iso*strychnine (OXFORD, PERKIN, and ROBINSON), 2396.

$C_{23}H_{26}O_3N_2$ *O*-Acetyldihydro*iso*strychnine (OXFORD, PERKIN, and ROBINSON), 2398.

$C_{23}H_{26}O_4N_2$ Brucine methohydrogencarbonate (GULLAND, PERKIN, and ROBINSON), 1635.

$C_{23}H_{28}O_3N_2$ Brucidine and its salts (GULLAND, PERKIN, and ROBINSON), 1636.

$C_{23}H_{28}O_4N_4$ 3:3′-Dinitro-4:4′-dipiperidinodiphenylmethane (LE FÈVRE and TURNER), 1120.

$C_{28}H_{29}O_5N_3$ Tetrahydrobrucine nitrosoamine, and its hydrochloride (GULLAND, PERKIN, and ROBINSON), 1639.

$C_{23}H_{30}O_2N_2$ Azelotoluidides (BARNICOAT), 2928.

Methoxymethyldihydrostrychnidine (CLEMO, PERKIN, and ROBINSON), 1602.

n-Nonanedicarboxyanilide (BARNICOAT), 2928.

$C_{23}H_{30}O_3N_2$ Oxymethoxymethyl dihydrostrychnidines (CLEMO, PERKIN, and ROBINSON), 1604.

$C_{23}H_{30}O_3N_8$ Strychnidone disemicarbazone (CLEMO, PERKIN, and ROBINSON), 1614.

$C_{23}H_{30}O_4N_2$ Tetrahydrobrucine, and its salts (GULLAND, PERKIN, and ROBINSON), 1638.

$C_{23}H_{32}O_2N_2$ Methoxymethyltetrahydrostrychnidine, and its salts (CLEMO, PERKIN, and ROBINSON), 1617.

23 IV

$C_{23}H_{31}N_2BrS_2$ 2:2′-Diallylthiocarbocyanine bromide (HAMER), 2802.

$C_{23}H_{35}O_3N_3S$ 4-*p*-Sulphobenzeneazobenzyl-*n*-butylaniline, and its sodium salt (REILLY and DRUMM), 1396.

$C_{23}H_{28}O_2N_2Br_2$ *n*-Nonanedicarboxy-*p*-bromoanilide (BARNICOAT), 2928.

$C_{23}H_{38}O_6N_2S$ Strychnine methosulphate (CLEMO, PERKIN, and ROBINSON), 1599.

$C_{23}H_{29}ON_2I$ Methyl-ψ-strychnidine methiodide (CLEMO, PERKIN, and ROBINSON), 1610.

$C_{23}H_{30}O_5N_2S$ Strychnidine methosulphate (CLEMO, PERKIN, and ROBINSON), 1600.

*iso*Strychnidine methosulphate (OXFORD, PERKIN, and ROBINSON), 2405.

$C_{23}H_{30}O_6N_2S$ Dihydrostrychnine methosulphates (OXFORD, PERKIN, and ROBINSON), 2394.

$C_{23}H_{32}ON_2I_2$ Dihydrostrychnidine dimethiodide (OXFORD, PERKIN, and ROBINSON), 2402.

$C_{23}H_{32}O_5N_2S$ Dihydrostrychnidine methosulphate (OXFORD, PERKIN, and ROBINSON), 2400.

$C_{23}H_{32}O_7N_4AS_2$ *s*-Carbamido-3-amino-4-piperidinophenylarsinic acid, and its magnesium salt (KING), 1054.

C_{24} Group.

$C_{24}H_{16}N_2$ Substance, from oxidation of carbazole (MCLINTOCK and TUCKER), 1221.

$C_{24}H_{18}N_3$ 6-Methoxyphenacylideneflavene (IRVINE and ROBINSON), 2093.

$C_{24}H_{22}O_4$ 2-Hydroxy-5-methoxybenzylidenediacetophenone (IRVINE and ROBINSON), 2088.

4-Methoxy-2:2-dianisyl-Δ^3-chromen (HEILBRON and HILL), 2010.

$C_{24}H_{26}N_5$ 3-*mp*-Dimethoxyphenyl-5-*mp*-dimethoxystyryl-Δ^5-*cyclo*hexen-1-one (DICKINSON, HEILBRON, and IRVING), 1892.

$C_{24}H_{26}N_2$ 6β-*pp'*-Tetramethyldiaminodiphenylstyrene and its dihydrochloride (RODD and LINCH), 2185.

$C_{24}H_{28}O_6$ 3:4-Dimethoxystyryl methyl ketone, dimeride (DICKINSON, HEILBRON, and IRVING), 1893.

$C_{24}H_{29}N_3$ *pp'*-Tetramethyldiaminodiphenyl-*o*-tolylmethylamine (RODD and LINCH), 2177.

24 III

$C_{24}H_{12}N_2Br_4$ 3:6:3':6'-Tetrabromo-9:9'-dicarbazyl (MCLINTOCK and TUCKER), 1216.

$C_{24}H_{12}N_2I_4$ 3:6:3':6'-Tetraiodo-9:9'-dicarbazyl (MCLINTOCK and TUCKER), 1218.

$C_{24}H_{12}O_{12}N_2$ 4:4'-Bis-*op*-dinitrophenyl-2:2'-dinitrodiphenylamine (LE FÈVRE, MOIR, and TURNER), 2337.

$C_{24}H_{17}O_5N_3$ Dibenzoyl-1-phenyl-4-amino-5-ketopyrazoline-3-carboxylic acid (CHATTAWAY and HUMPHREY), 2136.

$C_{24}H_{18}ON_2$ 2-Keto-1-methyl-5:6-(2':3'-diphenylpyrrole)(4':5')-1:2-dihydroquinoline (FAWCETT and ROBINSON), 2257.

Ketophenylethyldibenzodihydronaphthyridine (HAWORTH and PINK), 2347.

$C_{24}H_{18}O_2N_2$ 1:8-Naphthaldianilide (DAVIES and LEEPER), 1127.

$C_{24}H_{18}O_4N$ *o*-Nitrobenzylidene-*N*-β-phenylethylhomophthalimide (HAWORTH and PINK), 2347.

$C_{24}H_{18}O_4N_2$ *o*-Nitrobenzylidene-*N*-β-phenylethylhomophthalimide (HAWORTH and PINK), 2347.

$C_{24}H_{20}O_2Si$ Diphenoxydiphenylsilicane (KIPPING), 2731.

$C_{24}H_{20}O_6N_4$ *meso*-1:4-Di-*m*-nitrobenzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 344.

$C_{24}H_{22}ON_2$ Ketophenylethyldibenzohexahydronaphthyridine (HAWORTH and PINK), 2348.

$C_{24}H_{22}O_2N_2$ *meso*-1:4-Dibenzoyl-2:3-dimethyl-1:2:3:4-tetrahydroquinoxaline (GIBSON), 344.

$C_{24}H_{23}O_4Cl$ Ethyl 3-*o*-methoxyphenyl-5-*p*-chlorostyryl-Δ^5-*cyclo*hexen-1-one-2-carboxylate (HEILBRON and HILL), 923.

24 IV

$C_{24}H_{31}O_3N_2I$ Brucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1638.
Methyl*neo*brucidinium iodide (GULLAND, PERKIN, and ROBINSON), 1649.

$C_{24}H_{33}O_3N_2I$ Methyl*neo*dihydrobrucidinium iodide (GULLAND, PERKIN, and ROBINSON), 1659.

$C_{24}H_{33}O_4N_2I$ Tetrahydrobrucine methiodide (GULLAND, PERKIN, and ROBINSON), 1639.

$C_{24}H_{35}O_3N_2I$ Methoxymethyltetrahydrostrychnidine methiodide (CLEMO, PERKIN, and ROBINSON), 1618.

C_{25} Group.

$C_{25}H_{16}O_2$ Di-β-naphtha*spiro*pyran (DICKINSON and HEILBRON), 20.

$C_{25}H_{32}O_{11}$ *O*-Penta-acetyldihydrocarajuretinol (CHAPMAN, PERKIN, and ROBINSON), 3026.

$C_{25}H_{26}O_6$ Triphenylmethyl glucose, methylation of (HAWORTH, HIRST, MILLER, and LEARNER), 2443.

25 III

$C_{25}H_{17}O_3Cl$ 3-(β-2′-Hydroxy-1′-naphthylvinyl)-β-naphthapyrylium chloride (DICKINSON and HEILBRON), 19.

$C_{25}H_{18}O_3N_2$ Ketopiperonylethyldibenzodihydronaphthyridine (HAWORTH and PINK), 2347.

$C_{25}H_{18}O_6N_2$ *o*-Nitrobenzylidene-*N*-β-piperonylethylhomophthalimide (HAWORTH and PINK), 2347.

$C_{25}H_{22}O_3N_2$ Ketopiperonylethyldibenzohexahydronaphthyridine (HAWORTH and PINK), 2348.

$C_{25}H_{25}N_2I$ 1:1′-Diethylcarbocyanine iodides (HAMER), 2800.

$C_{25}H_{29}O_5N_3$ 3-*mp*-Dimethoxyphenyl-5-*mp*-dimethoxystyryl-Δ^5-*cyclo*hexen-1-one semicarbazone (DICKINSON, HEILBRON, and IRVING), 1893.

$C_{25}H_{29}N_2I$ Hexamethylindocarbocyanine iodide (HAMER), 2804.

$C_{25}H_{32}O_4N_2$ *O*-Diacetylhexahydrostrychnine (OXFORD, PERKIN, and ROBINSON), 2404.

$C_{25}H_{32}O_6N_2$ Brucidine methohydrogencarbonate ($+ 2H_2O$) (GULLAND, PERKIN, and ROBINSON), 1641.

$C_{25}H_{33}O_6N_3$ Nitromethoxymethyldihydrobrucidine (GULLAND, PERKIN, and ROBINSON), 1647.

$C_{25}H_{34}O_2N_2$ *n*-Nonanedicarboxytoluidides (BARNICOAT), 2928.
n-Undecanedicarboxyaniline (BARNICOAT), 2928.

$C_{25}H_{34}O_4N_2$ Methoxymethyldihydrobrucidine, and its hydriodide (GULLAND, PERKIN, and ROBINSON), 1642.

$C_{25}H_{34}O_5N_2$ Oxymethoxymethyldihydrobrucidine (GULLAND, PERKIN, and ROBINSON), 1643.

$C_{25}H_{34}O_6N_2$ Dioxymethoxymethyldihydrobrucidine (GULLAND, PERKIN, and ROBINSON), 1643.

$C_{25}H_{36}O_4N_2$ Methoxymethyltetrahydrobrucidine, and its salts (GULLAND, PERKIN, and ROBINSON), 1654.

25 IV

$C_{25}H_{32}O_2N_2Br_2$ *n*-Undecanedicarboxy-*p*-bromoanilide (BARNICOAT), 2928.

$C_{25}H_{33}O_3N_2I$ Methyl-ψ-brucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1651.

$C_{25}H_{36}O_2N_2Cl_2$ Methoxymethyldihydrostrychnidine dimethochloride (CLEMO, PERKIN, and ROBINSON), 1607.

$C_{25}H_{36}O_2N_2I_2$ Methoxymethyldihydrostrychnidine dimethiodide (CLEMO, PERKIN, and ROBINSON), 1606.

$C_{25}H_{38}O_2N_2I_2$ Methoxymethyltetrahydrostrychnidine dimethiodide (CLEMO, PERKIN, and ROBINSON), 1620.

C_{26} Group.

$C_{26}H_{16}Cl_2$ 1:5-Dichloro-9:10-diphenylanthracene (BARNETT, COOK, and WILTSHIRE), 1732.

$C_{26}H_{16}Cl_4$ 1:5:9:10-Tetrachloro-9:10-diphenyl-9:10-dihydroanthracene (BARNETT, COOK, and WILTSHIRE), 1729.

$C_{26}H_{17}Cl$ 1-Chloro-9:10-diphenylanthracene (BARNETT, COOK, and WILTSHIRE), 1728.

$C_{26}H_{20}N_2$ 9:9′-Dimethyl-3:3′-dicarbazyl (MAITLAND and TUCKER), 1390.

$C_{26}H_{24}N_2$ *NN′*-Dimethyldiphenylbenzidine (MAITLAND and TUCKER), 1392.

$C_{26}H_{32}O_6$ 3-Methoxy-4-ethoxystyryl methyl ketone, dimeride (DICKINSON, HEILBRON, and IRVING), 1894.

26 III

$C_{26}H_{18}OCl_2$ 1:5-Dichloro-9:10-diphenyl-9:10-dihydroanthranol (BARNETT, COOK, and WILTSHIRE), 1732.

$C_{26}H_{18}O_2Cl_2$ 1:5-Dichloro-9:10-diphenyl-9:10-dihydroanthraquinol (BARNETT, COOK, and WILTSHIRE), 1728.

$C_{26}H_{20}O_4N_6$ 3:3′-Dinitrobenzil osazone (CHATTAWAY and COULSON), 578.

$C_{26}H_{22}O_2N_2$ 1:8-Naphthalbisdimethylanilide (DAVIES and LEEPER), 1127.

$C_{26}H_{16}OSi_2$ Diphenylmethylsilicyl oxide (KIPPING), 106.

$C_{26}H_{36}O_2N_2$ *n*-Decanedicarboxytoluidides (BARNICOAT), 2928.

26 IV

$C_{26}H_{18}O_4N_2As_2$ 10:10′-Bis-4-carboxy-5:10-dihydrophenarsazine (BURTON and GIBSON), 249.

$C_{26}H_{18}O_8N_8S_2$ Dinitrodibenzaldehyde disulphide di-*p*-nitrophenylhydrazones (HODGSON and BEARD), 2424.

$C_{26}H_{22}O_8N_4S_2$ 3:3′-Dinitro-4:4′-di-*p*-toluenesulphonamidodiphenyl (BELL and ROBINSON), 1130.

$C_{26}H_{27}O_4N_2Cl$ Methoxymethyl dihydrobrucidine methochloride (GULLAND, PERKIN, and ROBINSON), 1645.

$C_{26}H_{27}O_4N_2I$ Methoxymethyldihydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1643.

$C_{26}H_{27}O_6N_2I$ Dioxymethoxymethyldihydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1648.

$C_{26}H_{29}O_4N_2I$ Methoxymethyltetrahydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1655.

$C_{26}H_{40}O_8N_2S$ Methoxymethyldihydrobrucidine methosulphate (GULLAND, PERKIN, and ROBINSON), 1645.

26 VI

$C_{26}H_{56}O_2N_2Cl_8S_2Pt_2$ Tetrachloro(triaminopropane-camphor-β-sulphonate) platinum semihydrate (MANN), 1228.

C_{27} Group.

$C_{27}H_{18}Cl_2$ 1:5-Dichloro-9-phenyl-10-benzylanthracene (BARNETT, COOK, and WILTSHIRE), 1732.

$C_{27}H_{20}O_2$ 3:3′-Dimethyldi-β-naphtha*spiro*pyran (DICKINSON and HEILBRON), 1703.

$C_{27}H_{22}N_2$ 2:4-Diphenyl-5:6-(4′:5′:6′:7′-tetrahydroindole)(2′:3′)-quinoline (FAWCETT and ROBINSON), 2259.

$C_{27}H_{29}N_3$ *pp′*-Tetramethyldiaminodiphenyl-α-naphthylmethylamine (RODD and LINCH), 2178.

$C_{27}H_{30}O_7$ Ethyl 3-*mp*-dimethoxyphenyl-5-*mp*-dimethoxystyryl-Δ^5-*cyclo*hexen-1-one-2-carboxylate (DICKINSON, HEILBRON, and IRVING), 1892.

$C_{27}H_{30}O_{16}$ Rutin (ATTREE and PERKIN), 236.

27 III

$C_{27}H_{18}O_6N_4$ Triphthalimidotrimethylamine (KIPPING and MANN), 529.

$C_{27}H_{20}OCl_2$ 1:5-Dichloro-9-phenyl-10-benzyl-9:10-dihydroanthranol (BARNETT, COOK, and WILTSHIRE), 1732.

$C_{27}H_{22}O_2N_2$ Dioxydiphenyltetrahydroindoloquinoline (FAWCETT and ROBINSON), 2260.

$C_{27}H_{24}ON_2$ Phenyl α-tetrahydrocarbazylamino(6)-styryl ketone (FAWCETT and ROBINSON), 2259.

$C_{27}H_{24}O_3N_{10}$ Triphthalylhydrazidotriaminotrimethylamine (KIPPING and MANN), 529.

$C_{27}H_{25}N_2I$ 1:1′-Diallyl-4:4′-carbocyanine iodide (HAMER), 2802.

$C_{27}H_{27}ON_3$ *p*-Benzyl-*n*-butylaminobenzeneazo-β-naphthol (REILLY and DRUMM), 1396.

$C_{27}H_{28}N_2O$ *pp*′-Tetramethyldiaminodiphenylnaphthylcarbinols (RODD and LINCH), 2178.

$C_{27}H_{33}N_2I$ Tetramethyldiethylindocarbocyanine iodide (HAMER), 2804.

$C_{27}H_{38}O_2N_2$ *n*-Undecanedicarboxytoluidides (BARNICOAT), 2928.

27 IV

$C_{27}H_{39}O_4N_2I$ Ethoxymethyldihydrobrucidine methiodide (GULLAND, PERKIN, and ROBINSON), 1649.

$C_{27}H_{40}O_4N_2I_2$ Methoxymethyl dihydrobrucidine dimethiodide (GULLAND, PERKIN, and ROBINSON), 1645.

$C_{27}H_{42}O_4N_2Cl_2$ Methoxymethyltetrahydrobrucidine dimethochloride (GULLAND, PERKIN, and ROBINSON), 1657.

$C_{27}H_{42}O_4N_2I_2$ Methoxymethyltetrahydrobrucidine dimethiodide (GULLAND, PERKIN, and ROBINSON), 1656.

$C_{27}H_{42}O_{10}N_2S_2$ Methoxymethyldihydrostrychnidine dimethosulphate (CLEMO, PERKIN, and ROBINSON), 1605.

$C_{27}H_{44}O_{10}N_2S_2$ Methoxymethyltetrahydrostrychnidine dimethosulphates (CLEMO, PERKIN, and ROBINSON), 1619.

C_{28} Group.

$C_{28}H_{16}O_4$ Dibenzoylalizarin (GREEN), 2931.

$C_{28}H_{20}O_2$ 3:3′-Trimethylenedi-β-naphtha*spiro*pyran (DICKINSON and HEILBRON), 1704.

$C_{28}H_{24}N_2$ 9:9′-Diethyl-3:3′-dicarbazyl (MAITLAND and TUCKER), 1390.

$C_{28}H_{26}O_2$ Diphenyldi-o-tolylpinacol (BOYD and HATT), 905.

$C_{28}H_{34}O_5$ 3-*m*-Methoxy-*p*-propoxyphenyl-5-*m*-methoxy-*p*-propoxystyryl-Δ^5-*cyclo*hexen-1-one (DICKINSON, HEILBRON, and IRVING), 1895.

28 III

$C_{28}H_{18}O_9N_6$ *p*-Azoxydinitrostilbenes (NISBET), 2085.

$C_{28}H_{20}O_5N_4$ *p*-Azoxy-2-nitrostilbene (NISBET), 2085.

$C_{28}H_{21}O_2Cl$ 4-2′-Hydroxy-1′-naphthylidene-1:2:3:4-tetrahydro-8:9-benzoxanthylium chloride (DICKINSON and HEILBRON), 1704.

$C_{28}H_{32}O_3S_4$ 2-*p*-Methoxyphenyl-1:3-benzdithiole 2-oxide (HURTLEY and SMILES), 536.

$C_{28}H_{23}ON_3$ *p*-Azoxystilbene (NISBET), 2084.

$C_{28}H_{23}O_4Cl$ Ethyl 4-*o*-chlorostyracyl-2-phenyl-1:4-benzopyran-3-carboxylate (HEILBRON and HILL), 923.

$C_{28}H_{24}O_3N_2$ 2-*o*-Carboxybenzoyldi-*p*-tolyl ether phenylhydrazone (REILLY and DRUMM), 2817.

28 IV

C_{29} Group.

29 III

C_{30} Group.

30 II

30 III

30 IV

30 V

C_{31} Group.

$C_{31}H_{24}O_6$ Ethyl di-*p*-naphtha*spiro*pyran-3:3′-dicarboxylate (DICKINSON and HEILBRON), 1704.

31 III

$C_{31}H_{36}ON_2$ *pp*′-Tetraethyldiaminodiphenyl-β-naphthylcarbinol (RODD and LINCH), 2178.

31 IV

$C_{31}H_{42}O_4N_2I_2$ Emetamine dimethiodide (BRINDLEY and PYMAN), 1076.

C_{32} Group.

$C_{32}H_{23}Cl$ 10-Chloro-9:9:10-triphenyl-9:10-dihydroanthracene (BARNETT, COOK, and NIXON), 511.

$C_{32}H_{26}O_7$ 4′-Hydroxy-8-methoxyflavanhydrone (IRVINE and ROBINSON), 2091.

32 III

$C_{32}H_{35}O_4Sb$ Triphenylstibine dibenzoate (CHALLENGER and WILSON), 212.

$C_{32}H_{30}O_5N_6$ *p*-Azoxy-2-nitro-4′-dimethylaminostilbene (NISBET), 2086.

$C_{32}H_{35}O_4Bi$ Triphenylbismuthine dibenzoate (CHALLENGER and WILSON), 212.

C_{33} Group.

$C_{33}H_{30}O_5$ 3:3′-Dimethoxy-4:4′-dibenzyloxydistyryl ketone (DICKINSON, HEILBRON, and IRVING), 1896.

C_{34} Group.

$C_{34}H_{30}O_8$ 3:4:6:3′:4′:6′-Hexamethoxydianthrone (MACMASTER and PERKIN), 1309.

$C_{34}H_{40}N_4$ Octamethyltetra-aminotetraphenylethylene (RODD and LINCH), 2186.

$C_{34}H_{42}O_{20}$ Xanthorhamnin (ATTREE and PERKIN), 236.

$C_{34}H_{46}O_4$ Dimethyl diphenate (BELL and ROBINSON), 1698.

34 III

$C_{34}H_{42}ON_4$ Octamethyltetra-aminotetraphenylethanol (RODD and LINCH), 2186.

34 IV

$C_{34}H_{24}O_{15}N_4S_4$ Azoxy-derivative of *m*-aminobenzoyl-1-naphthylamine-3:6-disulphonic acid, sodium salt (BALABAN and KING), 3079.

C_{35} Group.

$C_{35}H_{26}O_{15}N_4S_4$ *s*-Carbamide of aminobenzoylnaphthylaminedisulphonic acid, sodium salt (BALABAN and KING), 3089.

$C_{35}H_{26}O_{17}N_2S_4$ *s*-Carbamide of 2-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acid, salts (BALABAN and KING), 3094.

$C_{35}H_{26}O_{17}N_4S_4$ *s*-Carbamide of 1-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acid, sodium salt (BALABAN and KING), 3092.

$C_{35}H_{26}O_{21}N_4S_6$ *s*-Carbamide of *m*-aminobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, sodium salt (BALABAN and KING), 3097.

C_{36} Group.

$C_{36}H_{22}N_2$ Substance, from oxidation of carbazole (MCLINTOCK and TUCKER), 1221.

C_{37} Group.

$C_{37}H_{30}O_6N_2$ Benzylidenebisbenzoylmandelamides (INGHAM), 696.

37 IV

$C_{27}H_{43}O_9N_6AsS_2$ *s*-Carbamido-3-*m*-aminobenzamido-4-piperidinophenylarsinic acid, and its salts (KING), 1055.

C_{38} Group.

$C_{38}H_{48}N_4$ *aa*-4:4′-Tetramethyldiaminodiphenyl-*ββ*-4:4′-tetramethyldiaminodiphenylethylene (RODD and LINCH), 2186.

38 III

$C_{38}H_{50}ON_4$ *aa*-4:4′-Tetraethyldiaminodiphenyl-*ββ*-4:4′-tetramethyldiaminodiphenylethan-*a*-ol (RODD and LINCH), 2186.

aa-4:4′-Tetramethyldiaminodiphenyl-*ββ*-4:4′-tetraethyldiaminodiphenylethan-*a*-ol (RODD and LINCH), 2186.

C_{39} Group.

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

C_{40} Group.

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

C_{49} Group.

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

$C_{49}H_{36}O_{19}N_6S_4$ *s*-Carbamides of *m′*-aminobenzoyl-*m*-aminobenzoylamino-8-naphthol-3:6-disulphonic acids, salts (BALABAN and KING), 3095.

$C_{49}H_{36}O_{23}N_6S_6$ *s*-Carbamide of diaminobenzoyl-1-naphthylamine-4:6:8-trisulphonic acid, salts (BALABAN and KING), 3097.

C_{52} Group.

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

C_{60} Group.

$C_{60}H_{50}O_2Si_4$ Diphenoxyoctaphenylsilicotetrane (KIPPING), 2732.