

## Formula Index

# Formula Index

Br <sub>3</sub> Y	Yttrium tribromide	Girichev
CCl <sub>4</sub>	Tetrachloromethane	Mitzel
CF <sub>2</sub> NOPS	Difluorophosphoryl isocyanate	Mitzel
CH <sub>2</sub> FNO <sub>3</sub>	Fluoromethyl nitrate	Mitzel
CH <sub>2</sub> OS	Sulfine	Vogt
CH <sub>3</sub> NO <sub>3</sub>	Methyl nitrate	Mitzel
CH <sub>5</sub> As	Methylarsine	Vogt
CO <sub>2</sub>	Carbon dioxide	Mitzel
C <sub>2</sub> F <sub>6</sub> O <sub>2</sub> S <sub>2</sub>	Trifluoromethanesulfonylthioic acid trifluoromethyl ester	Masters
C <sub>2</sub> F <sub>6</sub> O <sub>2</sub> S <sub>2</sub>	Trifluoromethanesulfonylthioic acid trifluoromethyl ester	Rankin
C <sub>2</sub> F <sub>6</sub> O <sub>2</sub> S <sub>2</sub>	Trifluoromethanesulfonylthioic acid trifluoromethyl ester	Wann
C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>	Acetic acid	Mitzel
C <sub>2</sub> H <sub>5</sub> NO	Acetaldehyde oxime	Kuze
C <sub>2</sub> H <sub>5</sub> NO <sub>3</sub>	2-Nitroethanol	Tarasov
C <sub>2</sub> H <sub>8</sub> BN	Aziridine-borane	Wann
C <sub>2</sub> H <sub>11</sub> B <sub>10</sub> Br	9-Bromo-closo-1,2-dicarbododecaborane	Hnyk
C <sub>2</sub> H <sub>12</sub> B <sub>10</sub> S <sub>2</sub>	1,2-Dithiolato-1,2-dicarba-closo-dodecaborane	Mitzel
C <sub>2</sub> H <sub>12</sub> B <sub>10</sub> S <sub>2</sub>	closo-1,2-Dicarbododecaborane(12)-1,2-dithiol	Hnyk
C <sub>2</sub> H <sub>12</sub> B <sub>10</sub> S <sub>2</sub>	closo-1,2-Dicarbododecaborane(12)-1,2-dithiol	Wann
C <sub>2</sub> H <sub>12</sub> B <sub>10</sub> Se <sub>2</sub>	1,2-Diselenolato-1,2-dicarba-closo-dodecaborane	Mitzel
C <sub>2</sub> H <sub>12</sub> B <sub>10</sub> Se <sub>2</sub>	closo-1,2-Dicarbododecaborane(12)-1,2-diselenol	Hnyk
C <sub>2</sub> H <sub>12</sub> B <sub>10</sub> Se <sub>2</sub>	closo-1,2-Dicarbododecaborane(12)-1,2-diselenol	Wann
C <sub>3</sub> H <sub>2</sub> F <sub>4</sub>	2,3,3,3-Tetrafluoropropene	Mitzel
C <sub>3</sub> H <sub>2</sub> F <sub>4</sub>	trans-1,3,3,3-Tetrafluoropropene	Mitzel
C <sub>3</sub> H <sub>3</sub> N <sub>3</sub> O <sub>4</sub>	3-Methyl-4-nitro-furoxan	Belyakov
C <sub>3</sub> H <sub>3</sub> N <sub>3</sub> O <sub>4</sub>	4-Methyl-3-nitro-furoxan	Belyakov
C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub>	α-Alanine (2-aminopropanoic acid)	Shishkov
C <sub>3</sub> H <sub>10</sub> BN	Azetidine-borane	Wann
C <sub>3</sub> H <sub>10</sub> BN	Azetidine-borane	Masters
C <sub>3</sub> O <sub>2</sub>	Carbon suboxide	Tarasov
C <sub>4</sub> F <sub>6</sub> O <sub>4</sub> Sn	Tin(II) bis(trifluoroacetate)	Wann
C <sub>4</sub> F <sub>6</sub> O <sub>5</sub> Sn <sub>2</sub>	Ditin(II)-μ-oxybis-μ-trifluoroacetate	Wann
C <sub>4</sub> H <sub>3</sub> FN <sub>2</sub> O <sub>2</sub>	5-Fluorouracil	Vogt
C <sub>4</sub> H <sub>3</sub> NO <sub>2</sub>	Maleimide	Belyakov
C <sub>4</sub> H <sub>4</sub> O <sub>3</sub>	Succinic anhydride	Vogt
C <sub>4</sub> H <sub>5</sub> N	Pyrrole	Shishkov
C <sub>4</sub> H <sub>8</sub> O <sub>4</sub>	Acetic acid dimer	Mitzel
C <sub>4</sub> H <sub>8</sub> S <sub>2</sub>	1,2-Dithiane	Wann
C <sub>4</sub> H <sub>9</sub> NO	n-Butyraldehyde oxime	Kuze
C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub>	Threonine (2-amino-3-hydroxybutanoic acid)	Shishkov
C <sub>4</sub> H <sub>10</sub> N <sub>2</sub>	1,2,3-Trimethyldiaziridine	Shishkov
C <sub>4</sub> H <sub>12</sub> BN	Pyrrolidine-borane	Masters
C <sub>4</sub> H <sub>12</sub> BN	Pyrrolidine-borane	Wann
C <sub>4</sub> H <sub>12</sub> BNO	Morpholine-borane	Masters

## Formula Index

C <sub>4</sub> H <sub>12</sub> BNO	Morpholine-borane	Wann
C <sub>4</sub> H <sub>14</sub> OSi <sub>3</sub>	1-Methoxy-1,3,5-trisilacyclohexane	Girichev
C <sub>4</sub> H <sub>14</sub> Si <sub>3</sub>	1-Methyl-1,3,5-trisilacyclohexane	Girichev
C <sub>4</sub> H <sub>16</sub> B <sub>2</sub> N	Piperazine-diborane	Masters
C <sub>4</sub> H <sub>16</sub> B <sub>2</sub> N <sub>2</sub>	Piparazine-diborane	Wann
C <sub>5</sub> BrF <sub>4</sub> N	p-Bromotetrafluoropyridine	Mitzel
C <sub>5</sub> ClF <sub>4</sub> N	p-Chlorotetrafluoropyridine	Mitzel
C <sub>5</sub> F <sub>4</sub> IN	p-Iodotetrafluoropyridine	Mitzel
C <sub>5</sub> F <sub>5</sub> N	Pentafluoropyridine	Mitzel
C <sub>5</sub> H <sub>4</sub> N <sub>2</sub> O <sub>3</sub>	4-Nitropyridine-N-oxide	Girichev
C <sub>5</sub> H <sub>4</sub> N <sub>2</sub> O <sub>4</sub>	Orotic acid (1,2,3,6-tetrahydro-2,6-dioxo-4-pyrimidinecarboxylic acid)	Vogt
C <sub>5</sub> H <sub>4</sub> N <sub>2</sub> O <sub>4</sub>	Orotic acid (1,2,3,6-tetrahydro-2,6-dioxo-4-pyrimidinecarboxylic acid)	Shishkov
C <sub>5</sub> H <sub>5</sub> N <sub>3</sub> O	Pyrazinamide	Mitzel
C <sub>5</sub> H <sub>14</sub> BN	Piperidine-borane	Masters
C <sub>5</sub> H <sub>14</sub> BN	Piperidine-borane	Wann
C <sub>5</sub> H <sub>17</sub> NSi <sub>3</sub>	N,N-Dimethylamino-1,3,5-trisilacyclohexane	Girichev
C <sub>6</sub> HCl <sub>5</sub>	Pentachlorobenzene	Rankin
C <sub>6</sub> H <sub>2</sub> Cl <sub>4</sub>	1,2,3,4-Tetrachlorobenzene	Rankin
C <sub>6</sub> H <sub>4</sub> N <sub>2</sub>	2-Cyanopyridine	Shishkov
C <sub>6</sub> H <sub>4</sub> N <sub>2</sub>	2-Pyridinecarbonitrile	Vogt
C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub>	Pyridine-3-carboxylic acid (nicotinic acid)	Vogt
C <sub>6</sub> H <sub>8</sub> O <sub>4</sub>	2,2-Dimethyl-1,3-dioxane-4,6-dione (Meldrum's Acid)	Masters
C <sub>6</sub> H <sub>10</sub> S <sub>2</sub>	Diallyl disulfide	Vogt
C <sub>7</sub> H <sub>3</sub> F <sub>5</sub> Te	Pentafluorophenyl methyl telluride	Mitzel
C <sub>7</sub> H <sub>3</sub> NF <sub>6</sub>	2,5-Bis(trifluoromethyl)pyridine	Wann
C <sub>7</sub> H <sub>7</sub> NOS	Thiosalicylamide	Shishkov
C <sub>7</sub> H <sub>16</sub> Cl <sub>3</sub> PSi	(tert-Butyl)(iso-propyl)(trichlorosilyl)phosphine	Rankin
C <sub>7</sub> H <sub>16</sub> Cl <sub>3</sub> PSi	(Tert-butyl)(iso-propyl)(trichlorosilyl)phosphine	Masters
C <sub>7</sub> H <sub>17</sub> NSi	1-Dimethylamino-1-silacyclohexane	Girichev
C <sub>8</sub> F <sub>12</sub> O <sub>8</sub> Sn	Tin(IV) tetrakis(trifluoroacetate)	Wann
C <sub>8</sub> H <sub>4</sub> FNO <sub>2</sub>	5-Fluoroisatin	Belyakov
C <sub>8</sub> H <sub>4</sub> FNO <sub>2</sub>	5-Fluoroisatin	Vogt
C <sub>8</sub> H <sub>4</sub> O <sub>3</sub>	Phthalic anhydride	Belyakov
C <sub>8</sub> H <sub>4</sub> O <sub>3</sub>	Phthalic anhydride	Vogt
C <sub>8</sub> H <sub>5</sub> NO <sub>2</sub>	Isatin	Belyakov
C <sub>8</sub> H <sub>5</sub> NO <sub>2</sub>	Isatin	Vogt
C <sub>8</sub> H <sub>5</sub> NO <sub>2</sub>	Phthalimide	Belyakov
C <sub>8</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>	3-Aminophthalimide	Girichev
C <sub>8</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>	3-Aminophthalimide	Vogt
C <sub>8</sub> H <sub>7</sub> N	Indole	Shishkov
C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub>	Noradrenaline	Shishkov
C <sub>8</sub> H <sub>18</sub> N <sub>4</sub>	Tetramezine	Shishkov
C <sub>9</sub> H <sub>7</sub> NO <sub>2</sub>	1-Methylisatin	Belyakov
C <sub>9</sub> H <sub>7</sub> NO <sub>2</sub>	1-Methylisatin	Vogt
C <sub>9</sub> H <sub>9</sub> F <sub>5</sub> SeSi	Pentafluorophenyl trimethylsilyl selenide	Mitzel
C <sub>9</sub> H <sub>12</sub> CIN <sub>5</sub> O	Moxonidine	Shishkov
C <sub>9</sub> H <sub>20</sub> F <sub>3</sub> PSi	Di-tert-butylphosphanyl-methyltrifluorosilane	Mitzel

## Formula Index

C <sub>10</sub> H <sub>7</sub> ClO <sub>2</sub> S	β-Naphthalene sulfonylchloride	Oberhammer
C <sub>10</sub> H <sub>7</sub> ClO <sub>2</sub> S	α-Naphthalene sulfonylchloride	Oberhammer
C <sub>10</sub> H <sub>9</sub> NO <sub>2</sub> S	α-Naphthalenesulfonamide	Oberhammer
C <sub>10</sub> H <sub>9</sub> NO <sub>2</sub> S	β-Naphthalenesulfonamide	Oberhammer
C <sub>10</sub> H <sub>10</sub> Fe	Ferrocene	Wann
C <sub>10</sub> H <sub>11</sub> F <sub>3</sub> Se	3-Phenylpropyl trifluoromethyl selenide	Mitzel
C <sub>10</sub> H <sub>14</sub> MnO <sub>4</sub>	Manganese bisacetylacetonate	Berger
C <sub>10</sub> H <sub>18</sub> Si <sub>2</sub>	1,4-Bis(trimethylsilyl)-1,3-butadiyne	Girichev
C <sub>10</sub> H <sub>20</sub> N <sub>2</sub>	N,N'-Di-tert-butyl-1,4-diaza-1,3-butadiene	Rankin
C <sub>11</sub> H <sub>12</sub> F <sub>5</sub> NTe	N,N,-Dimethylaminopropyl pentafluorophenyl telluride	Mitzel
C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>	L-Tryptophan	Girichev
C <sub>11</sub> H <sub>16</sub> OSi	1-Hydroxy-1-phenyl-1-silacyclohexane	Girichev
C <sub>12</sub> F <sub>8</sub> Te <sub>2</sub>	1,2,3,4,1',2',3',4'-Octafluorotelluranthrene	Mitzel
C <sub>12</sub> F <sub>10</sub> Se <sub>2</sub>	1,2-Bis(pentafluorophenyl) diselenide	Mitzel
C <sub>12</sub> Fe <sub>3</sub> O <sub>12</sub>	Dodecacarbonyltriiron	Rankin
C <sub>12</sub> H <sub>10</sub>	Acenaphthene	Girichev
C <sub>12</sub> H <sub>10</sub> S <sub>2</sub>	Diphenyl disulfide	Vogt
C <sub>12</sub> H <sub>18</sub> OSi	1-Methoxy-1-phenyl-1-silacyclohexanes	Girichev
C <sub>12</sub> H <sub>18</sub> SSi	1-Methylthio-1-phenyl-1-silacyclohexane	Girichev
C <sub>12</sub> H <sub>36</sub> P <sub>2</sub> Si <sub>4</sub>	1,1,2,2-Tetrakis(trimethylsilyl)diphosphane	Masters
C <sub>14</sub> H <sub>9</sub> F <sub>5</sub> O <sub>2</sub>	1-Phenoxy-2-pentafluorophenylethane	Girichev
C <sub>14</sub> H <sub>10</sub>	Anthracene	Girichev
C <sub>14</sub> H <sub>14</sub> O <sub>2</sub> S	Dibenzyl sulfone	Masters
C <sub>14</sub> H <sub>14</sub> O <sub>2</sub>	1,2-Diphenoxyethane	Girichev
C <sub>14</sub> H <sub>39</sub> AlSi <sub>4</sub>	Bis(di(trimethylsilyl)methyl)alane	Mitzel
C <sub>15</sub> H <sub>11</sub> F <sub>5</sub> Se	3-Phenylpropyl pentafluorophenyl selenide	Mitzel
C <sub>15</sub> H <sub>24</sub> Si	1-Phenyl-1-tert-butyl-1-silacyclohexane	Girichev
C <sub>16</sub> H <sub>12</sub> Cl <sub>5</sub> F <sub>5</sub> Si <sub>2</sub>	1-(Pentafluorophenyl)-2-(pentachlorophenyl)-1,1,2,2-tetramethyldisilan	Berger
C <sub>16</sub> H <sub>12</sub> Cl <sub>5</sub> F <sub>5</sub> Si <sub>2</sub>	1-(Pentafluorophenyl)-2-(pentachlorophenyl)-1,1,2,2-tetramethyldisilan	Mitzel
C <sub>16</sub> H <sub>12</sub> Cl <sub>10</sub> Si <sub>2</sub>	1,2-Bis(pentachlorophenyl)-1,1,2,2-tetramethyldisilane	Berger
C <sub>16</sub> H <sub>12</sub> Cl <sub>10</sub> Si <sub>2</sub>	1,2-Bis(pentachlorophenyl)-1,1,2,2-tetramethyldisilane	Mitzel
C <sub>16</sub> H <sub>12</sub> F <sub>10</sub> Si <sub>2</sub>	1,2-Bis(pentafluorophenyl)-1,1,2,2-tetramethyldisilane	Berger
C <sub>16</sub> H <sub>12</sub> F <sub>10</sub> Si <sub>2</sub>	1,2-Bis(pentafluorophenyl)-1,1,2,2-tetramethyldisilane	Mitzel
C <sub>16</sub> H <sub>17</sub> Cl <sub>5</sub> Si <sub>2</sub>	1-(Phenyl)-2-(pentachlorophenyl)-1,1,2,2-tetramethyldisilane	Berger
C <sub>16</sub> H <sub>17</sub> Cl <sub>5</sub> Si <sub>2</sub>	1-(Phenyl)-2-(pentachlorophenyl)-1,1,2,2-tetramethyldisilane	Mitzel
C <sub>16</sub> H <sub>17</sub> F <sub>5</sub> Si <sub>2</sub>	1-(Phenyl)-2-(pentafluorophenyl)-1,1,2,2-tetramethyldisilane	Berger
C <sub>16</sub> H <sub>17</sub> F <sub>5</sub> Si <sub>2</sub>	1-(Phenyl)-2-(pentafluorophenyl)-1,1,2,2-tetramethyldisilane	Mitzel
C <sub>18</sub> H <sub>54</sub> Si <sub>8</sub>	Hexakis(trimethylsilyl)disilane	Masters
C <sub>20</sub> H <sub>4</sub> F <sub>24</sub> GdO <sub>8</sub>	Gadolinium tetrakis hexafluoroacetylacetonate	Girichev
C <sub>20</sub> H <sub>4</sub> F <sub>24</sub> LaO <sub>8</sub>	Lanthanum tetrakis hexafluoroacetylacetonate	Girichev
C <sub>20</sub> H <sub>4</sub> F <sub>24</sub> LuO <sub>8</sub>	Lutetium tetrakis hexafluoroacetylacetonate	Girichev
C <sub>26</sub> H <sub>16</sub> N <sub>8</sub>	Hemiporphyrzine	Girichev
C <sub>28</sub> H <sub>18</sub> N <sub>6</sub>	Dicarbahemiporphyrzine	Girichev
C <sub>28</sub> H <sub>28</sub> N <sub>4</sub> Ni	Nickel octamethylporphyrin	Girichev
C <sub>30</sub> H <sub>54</sub> Co <sub>4</sub> O <sub>13</sub>	Cobalt oxopivalate	Girichev
C <sub>32</sub> H <sub>36</sub> CoN <sub>4</sub>	Cobalt etioporphyrin-II	Girichev
C <sub>32</sub> H <sub>36</sub> N <sub>4</sub> Ni	Nickel etioporphyrin-II	Girichev

## Formula Index

$C_{44}H_{26}Br_4N_4$	5,10,15,20-Tetrakis(4'-bromophenyl)porphyrin	Girichev
$C_{44}H_{26}Cl_4N_4$	5,10,15,20-Tetrakis(4'-chlorophenyl)porphyrin	Girichev
$C_{44}H_{26}F_4N_4$	5,10,15,20-Tetrakis(4'-fluorophenyl)porphyrin	Girichev
$C_{44}H_{28}N_4Pd$	Palladium tetraphenylporphyrin	Girichev
$C_{44}H_{28}N_4Zn$	Zinc tetraphenylporphyrin	Girichev
$C_{60}F_{36}$	Hexatriacontafuorofullerene	Belyakov
$C_{60}F_{48}$	Octatetracontafuorofullerene	Belyakov
$Cl_2Ni$	Nickel dichloride	Hedberg
$Cl_4Nb$	Niobium tetrachloride	Girichev
$F_4V$	Vanadium tetrafluoride	Solomonik
$F_5Mo$	Molibdenum pentafluoride	Girichev
OY	Yttrium oxide	Solomonik