

3 Index

B=O

Cl-B=O	Boron chloride oxide	2,9
F-B=O	Boron fluoride oxide	2,11
H-B=O	Boron hydride oxide	2,13
HS-B=O	Mercapto(oxo)boron	2,14
HO-B=O	Hydroxyoxoboron	2,16
H ₂ N-B=O	Amino(oxo)boron	2,19
H ₂ P-B=O	Phosphino(oxo)boron	2,21
H ₃ Si-B=O	Silyloxoboron	2,26
Li-B=O	Lithio(oxo)boron	2,31
Na-B=O	Sodio(oxo)boron	2,34
H ₃ C-B=O	Methyloxoboron	2,125

B=S

Cl-B=S	Boron chloride sulfide	2,10
F-B=S	Boron fluoride sulfide	2,12
HO-B=S	Hydroxythioboron	2,15
H-B=S	Boron hydride sulfide	2,17
HS-B=S	Mercaptothioboron	2,18
H ₂ N-B=S	Aminothioboron	2,20
PH ₂ -B=S	Phosphinothioboron	2,22
H ₃ Si-B=S	Silylthioboron	2,28
Li-B=S	Lithiothioboron	2,32
Na-B=S	Sodiothioboron	2,35
H ₃ C-B=S	Methylthioboron	2,128

C=Al

Cl-HC=AlH	C-Chloroalanaethene	2,65
F-HC=AlH	C-Fluoroalanaethene	2,66

Li-HC=AlH	C-Lithioalanaethene	2,67
H ₂ C=AlH	Alanaethene	2,119
HO-HC=AlH	C-Hydroxyalanaethene	2,121
HS-HC=AlH	C-Mercaptoalanaethene	2,123
H ₂ N-HC=AlH	C-Aminoalanaethene	2,167
H ₂ P-HC=AlH	C-Phosphinoalanaethene	2,171
H ₃ C-HC=AlH	C-Methylalanaethene	2,284

C=B

Cl-HC=BH	C-Chloroboraethene	2,72
F-HC=BH	C-Fluoroboraethene	2,73
Li-HC=BH	C-Lithioboraethene	2,74
H ₂ C=BH	Boraethene	2,124
HO-HC=BH	C-Hydroxyboraethene	2,127
HS-HC=BH	C-Mercaptoboraethene	2,130
H ₂ Al-HC=BH	C-Alanyl boraethene	2,163
H ₂ N-HC=BH	C-Aminoboraethene	2,172
H ₂ P-HC=BH	C-Phosphinoboraethene	2,176
H ₂ B-HC=BH	C-Borylboraethene	2,180
H ₃ Si-HC=BH	C-Silylboraethene	2,208
H ₃ C-HC=BH	C-Methylboraethene	2,286

C=C

Cl-HC=CH ₂	Chloroethylene	2,257
F-HC=CH ₂	Fluoroethylene	2,258
Li-HC=CH ₂	Vinyl lithium	2,259
Na-HC=CH ₂	Vinyl sodium	2,264
O ₂ N-HC=CH ₂	Nitroethene	2,265
H ₂ C=CH ₂	Ethylene	2,270
HBe-HC=CH ₂	Vinyl beryllium hydride	2,273
HMg-HC=CH ₂	Vinyl magnesium hydride	2,274
HO-HC=CH ₂	Vinyl alcohol	2,276
HS-HC=CH ₂	Vinyl mercaptan	2,279

$\text{H}_2\text{Al}-\text{HC}=\text{CH}_2$	Vinyl alane	2,285
$\text{H}_2\text{B}-\text{HC}=\text{CH}_2$	Vinyl borane	2,287
$\text{H}_2\text{N}-\text{HC}=\text{CH}_2$	Vinyl amine	2,288
$\text{H}_2\text{P}-\text{HC}=\text{CH}_2$	Vinyl phosphane	2,292
$\text{H}_3\text{Si}-\text{HC}=\text{CH}_2$	Vinyl silane	2,296
$\text{H}(\text{O})\text{C}-\text{HC}=\text{CH}_2$	Propenal	2,310
$\text{H}_3\text{C}-\text{HC}=\text{CH}_2$	Propene	2,311

$\text{C}\equiv\text{C}$
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$\text{Cl}-\text{C}\equiv\text{C}-\text{Cl}$	Dichloroacetylene	2,235
$\text{F}-\text{C}\equiv\text{C}-\text{F}$	Difluoroacetylene	2,236
$\text{Cl}-\text{C}\equiv\text{CH}$	Chloroacetylene	2,237
$\text{F}-\text{C}\equiv\text{CH}$	Fluoroacetylene	2,238
$\text{Li}-\text{C}\equiv\text{CH}$	Lithioacetylene	2,239
$\text{Na}-\text{C}\equiv\text{CH}$	Sodioacetylene	2,240
$\text{O}_2\text{N}-\text{C}\equiv\text{CH}$	Nitroacetylene	2,241
$\text{HC}\equiv\text{CH}$	Acetylene	2,242
$\text{HBe}-\text{C}\equiv\text{CH}$	Ethynyl beryllium hydride	2,243
$\text{HBe}-\text{C}\equiv\text{C}-\text{BeH}$	Ethynyl-1,2-di(beryllium hydride)	2,244
$\text{HMg}-\text{C}\equiv\text{CH}$	Ethynyl magnesium hydride	2,245
$\text{HMg}-\text{C}\equiv\text{C}-\text{MgH}$	Ethynyl-1,2-di(magnesium hydride)	2,246
$\text{HMg}-\text{C}\equiv\text{C}-\text{MgH}$	Ethynyl-1,2-di(magnesium hydride) bridged	2,247
$\text{HO}-\text{C}\equiv\text{CH}$	Ethynol	2,248
$\text{HO}-\text{C}\equiv\text{C}-\text{OH}$	Ethyne-1,2-diol	2,250
$\text{HS}-\text{C}\equiv\text{CH}$	Ethynethiol	2,251
$\text{HS}-\text{C}\equiv\text{C}-\text{SH}$	Ethyne-1,2-dithiol	2,253
$\text{H}_2\text{Al}-\text{C}\equiv\text{CH}$	Alanylethyne	2,254
$\text{H}_2\text{B}-\text{C}\equiv\text{CH}$	Borylethyne	2,255
$\text{H}_2\text{N}-\text{C}\equiv\text{CH}$	Etynylamine	2,260
$\text{H}_2\text{P}-\text{C}\equiv\text{CH}$	Ethynylphosphine	2,266
$\text{H}_2\text{Al}-\text{C}\equiv\text{C}-\text{AlH}_2$	1,2-Dialanylethyne	2,271
$\text{H}_2\text{B}-\text{C}\equiv\text{C}-\text{BH}_2$	1,2-Diborylethyne	2,272
$\text{H}_2\text{N}-\text{C}\equiv\text{C}-\text{NH}_2$	1,2-Diaminoethyne	2,275
$\text{H}_2\text{P}-\text{C}\equiv\text{C}-\text{PH}_2$	1,2-Diphosphinoethyne	2,278

$\text{H}_3\text{Si}-\text{C}\equiv\text{CH}$	Silylacetylene	2,281
$\text{H}_3\text{Si}-\text{C}\equiv\text{C}-\text{SiH}_3$	1,2-Disilylethyne	2,299
$\text{Li}-\text{C}\equiv\text{C}-\text{Li}$	Dilithioacetylene	2,300
$\text{Li}-\text{C}\equiv\text{C}-\text{Li}$	Dilithioacetylene (bridged)	2,301
$\text{Na}-\text{C}\equiv\text{C}-\text{Na}$	Disodioacetylene	2,304
$\text{NC}-\text{C}\equiv\text{CH}$	Cyanoacetylene	2,305
$\text{H}(\text{O})\text{C}\equiv\text{C}-\text{CH}$	Propiolaldehyde	2,306
$\text{HO}(\text{O})\text{C}\equiv\text{C}-\text{CH}$	Prop-2-ynoic acid	2,307
$\text{H}_3\text{C}-\text{C}\equiv\text{CH}$	Methylacetylene	2,308
$\text{H}_3\text{C}-\text{C}\equiv\text{C}-\text{CH}_3$	2-Butyne	2,312

C=N

$\text{Cl}-\text{N}=\text{CH}_2$	N-Chloromethyleneimine	2,79
$\text{Cl}-\text{HC}=\text{NH}$	trans-C-Chloromethyleneimine	2,80
$\text{Cl}-\text{HC}=\text{NH}$	cis-C-Chloromethyleneimine	2,81
$\text{F}-\text{HC}=\text{NH}$	trans-C-Fluoromethyleneimine	2,85
$\text{F}-\text{HC}=\text{NH}$	cis-C-Fluoromethyleneimine	2,86
$\text{F}-\text{N}=\text{CH}_2$	N-Fluoromethyleneimine	2,87
$\text{Li}-\text{HC}=\text{NH}$	trans-C-Lithiomethyleneimine	2,91
$\text{Li}-\text{HC}=\text{NH}$	cis-C-Lithiomethyleneimine	2,92
$\text{Li}-\text{N}=\text{CH}_2$	N-Lithiomethyleneimine	2,93
$\text{Na}-\text{N}=\text{CH}_2$	N-Sodiummethyleneimine	2,97
$\text{H}_2\text{C}=\text{NH}$	Methanimine	2,137
$\text{HO}-\text{N}=\text{CH}_2$	N-Hydroxymethyleneimine	2,139
$\text{HO}-\text{HC}=\text{NH}$	cis-Iminomethanol	2,140
$\text{HO}-\text{HC}=\text{NH}$	trans-Iminomethanol	2,141
$\text{HS}-\text{N}=\text{CH}_2$	N-Mercaptomethyleneimine	2,143
$\text{HS}-\text{HC}=\text{NH}$	cis-Iminomethanethiol	2,144
$\text{HS}-\text{HC}=\text{NH}$	trans-Iminomethanethiol	2,145
$\text{H}_2\text{Al}-\text{HC}=\text{NH}$	cis-C-Alanylmethyleneimine	2,164
$\text{H}_2\text{Al}-\text{HC}=\text{NH}$	trans-C-Alanylmethyleneimine	2,165
$\text{H}_2\text{Al}-\text{N}=\text{CH}_2$	N-Alanylmethyleneimine	2,166
$\text{H}_2\text{B}-\text{N}=\text{CH}_2$	N-Borylmethyleneimine	2,173
$\text{H}_2\text{B}-\text{HC}=\text{NH}$	cis-C-Borylmethyleneimine	2,174

H ₂ B-HC=NH	trans-C-Borylmethyleneimine	2,175
H ₂ P-N=CH ₂	N-Phosphinomethyleneimine	2,181
H ₂ P-HC=NH	cis-C-Phosphinomethyleneimine	2,182
H ₂ P-HC=NH	trans-C-Phosphinomethyleneimine	2,183
H ₂ N-N=CH ₂	Methylenehydrazine	2,189
H ₂ N-HC=NH	cis-Iminomethylamine	2,190
H ₂ N-HC=NH	trans-Iminomethylamine	2,191
H ₃ Si-N=CH ₂	N-Silylmethyleneimine	2,213
H ₃ Si-HC=NH	cis-C-Silylmethyleneimine	2,214
H ₃ Si-HC=NH	trans-C-Silylmethyleneimine	2,215
H ₃ C-HC=NH	trans-C-Methylmethyleneimine	2,289
H ₃ C-HC=NH	cis-C-Methylmethyleneimine	2,290
H ₃ C-N=CH ₂	N-Methylmethyleneimine	2,291

C≡N

Cl-C≡N	Chlorine cyanide	2,36
Cl-N≡C	Chlorine isocyanide	2,37
F-C≡N	Fluorine cyanide	2,40
F-N≡C	Fluorine isocyanide	2,41
H-C≡N	Hydrogen cyanide	2,50
H-N≡C	Hydrogen isocyanide	2,51
HO-C≡N	Hydroxy cyanide	2,52
HO-N≡C	Hydroxy isocyanide	2,53
HS-C≡N	Mercapto cyanide	2,56
HS-N≡C	Mercapto isocyanide	2,57
H ₂ Al-C≡N	Alanyl cyanide	2,68
H ₂ Al-N≡C	Alanyl isocyanide	2,69
H ₂ B-C≡N	Boryl cyanide	2,75
H ₂ B-N≡C	Boryl isocyanide	2,76
H ₂ P-C≡N	Phosphino cyanide	2,98
H ₂ P-N≡C	Phosphino isocyanide	2,99
H ₂ N-C≡N	Cyanamide	2,103
H ₂ N-N≡C	Isocyanamide	2,104
H ₃ Si-C≡N	Silyl cyanide	2,146

$\text{H}_3\text{Si}-\text{N}\equiv\text{C}$	Silyl isocyanide	2,147
$\text{Li}-\text{C}\equiv\text{N}$	Lithium cyanide	2,224
$\text{Li}-\text{N}\equiv\text{C}$	Lithium isocyanide	2,225
$\text{Li}-\text{C}\equiv\text{N}$	Lithium cyanide (bridged)	2,226
$\text{Na}-\text{C}\equiv\text{N}$	Sodium cyanide	2,228
$\text{Na}-\text{N}\equiv\text{C}$	Sodium isocyanide	2,229
$\text{Na}-\text{C}\equiv\text{N}$	Sodium cyanide (bridged)	2,230
$\text{H}_3\text{C}-\text{C}\equiv\text{N}$	Methyl cyanide	2,262
$\text{H}_3\text{C}-\text{N}\equiv\text{C}$	Methyl isocyanide	2,263
$\text{N}\equiv\text{C}-\text{C}\equiv\text{N}$	Dicyanogen	2,302

C=O

$\text{Cl}-\text{HC}=\text{O}$	Formyl chloride	2,44
$\text{F}-\text{HC}=\text{O}$	Formyl fluoride	2,46
$\text{Li}-\text{HC}=\text{O}$	Formyl lithium	2,48
$\text{H}_2\text{C}=\text{O}$	Formaldehyde	2,108
$\text{HS}-\text{HC}=\text{O}$	Thioformic acid	2,110
$\text{HO}-\text{HC}=\text{O}$	Formic acid	2,112
$\text{H}_2\text{Al}-\text{HC}=\text{O}$	Formyl alane	2,120
$\text{H}_2\text{B}-\text{HC}=\text{O}$	Formyl borane	2,126
$\text{H}_2\text{N}-\text{HC}=\text{O}$	Formamide	2,138
$\text{H}_2\text{P}-\text{HC}=\text{O}$	Formyl phosphane	2,152
$\text{H}_3\text{Si}-\text{HC}=\text{O}$	Formyl silane	2,193
$\text{H}_3\text{C}-\text{HC}=\text{O}$	Acetaldehyde	2,277

C=P

$\text{Cl}-\text{P}=\text{CH}_2$	P-Chloromethylenephosphine	2,82
$\text{Cl}-\text{HC}=\text{PH}$	trans-C-Chloromethylenephosphine	2,83
$\text{Cl}-\text{HC}=\text{PH}$	cis-C-Chloromethylenephosphine	2,84
$\text{F}-\text{P}=\text{CH}_2$	P-Fluoromethylenephosphine	2,88
$\text{F}-\text{HC}=\text{PH}$	cis-C-Fluoromethylenephosphine	2,89
$\text{F}-\text{HC}=\text{PH}$	trans-C-Fluoromethylenephosphine	2,90
$\text{Li}-\text{HC}=\text{PH}$	trans-C-Lithiomethylenephosphine	2,94

Li-HC=PH	cis-C-Lithiomethylenephosphine	2,95
Li-P=CH ₂	P-Lithiomethylenephosphine	2,96
Na-P=CH ₂	P-Sodiummethylenephosphine	2,107
HO-P=CH ₂	P-Hydroxymethylenephosphine	2,153
HO-HC=PH	cis-C-Hydroxymethylenephosphine	2,154
HO-HC=PH	trans-C-Hydroxymethylenephosphine	2,155
H ₂ C=PH	Phosphaethylene	2,156
HS-P=CH ₂	P-Mercaptomethylenephosphine	2,157
HS-HC=PH	cis-C-Mercaptomethylenephosphine	2,158
HS-HC=PH	trans-C-Mercaptomethylenephosphine	2,159
H ₂ Al-P=CH ₂	P-Alanylmethylenephosphine	2,168
H ₂ Al-HC=PH	cis-C-Alanylmethylenephosphine	2,169
H ₂ Al-HC=PH	trans-C-Alanylmethylenephosphine	2,170
H ₂ B-P=CH ₂	P-Borylmethylenephosphine	2,177
H ₂ B-HC=PH	cis-C-Borylmethylenephosphine	2,178
H ₂ B-HC=PH	trans-C-Borylmethylenephosphine	2,179
H ₂ N-P=CH ₂	P-Aminomethylenephosphine	2,184
H ₂ N-HC=PH	cis-C-Aminomethylenephosphine	2,185
H ₂ N-HC=PH	trans-C-Aminomethylenephosphine	2,186
H ₂ P-P=CH ₂	P-Phosphinomethylenephosphine	2,197
H ₂ P-HC=PH	cis-C-Phosphinomethylenephosphine	2,198
H ₂ P-HC=PH	trans-C-Phosphinomethylenephosphine	2,199
H ₃ Si-P=CH ₂	P-Silylmethylenephosphine	2,216
H ₃ Si-HC=PH	cis-C-Silylmethylenephosphine	2,217
H ₃ Si-HC=PH	trans-C-Silylmethylenephosphine	2,218
H ₃ C-HC=PH	trans-C-Methylmethylenephosphine	2,293
H ₃ C-HC=PH	cis-C-Methylmethylenephosphine	2,294
H ₃ C-P=CH ₂	P-Methylmethylenephosphine	2,295

C≡P

Cl-C≡P	C-Chlorophosphaethyne	2,38
Cl-P≡C	P-Chlorophosphaethyne	2,39
F-C≡P	C-Fluorophosphaethyne	2,42
F-P≡C	P-Fluorophosphaethyne	2,43

HO-C \equiv P	C-Hydroxyphosphaethyne	2,58
HO-P \equiv C	P-Hydroxyphosphaethyne	2,59
H-C \equiv P	Methinophosphide	2,61
H-P \equiv C	Isomethinophosphide	2,62
H ₂ Al-C \equiv P	Alanylphosphaethyne	2,70
H ₂ B-C \equiv P	Borylphosphaethyne	2,77
H ₂ N-C \equiv P	C-Aminophosphaethyne	2,100
H ₂ N-P \equiv C	P-Aminophosphaethyne	2,101
H ₂ P-C \equiv P	Phosphinophosphaethyne	2,113
H ₂ P-P \equiv C	P-Phosphinophosphaethyne	2,114
H ₃ Si-C \equiv P	Silylphosphaethyne	2,161
Li-C \equiv P	Lithiophosphaethyne	2,227
Na-C \equiv P	Sodiophosphaethyne	2,231
H ₃ C-C \equiv P	Ethylidynephosphine	2,268
H ₃ C-P \equiv C	P-Methylphosphaethyne	2,269

C=S

Cl-HC=S	Thioformyl chloride	2,45
F-HC=S	Thioformyl fluoride	2,47
Li-HC=S	Thioformyl lithium	2,49
HO-HC=S	Thioformic acid	2,109
H ₂ C=S	Thioformaldehyde	2,116
HS-HC=S	Dithioformic acid	2,118
H ₂ Al-HC=S	Thioformyl alane	2,122
H ₂ B-HC=S	Thioformyl borane	2,129
H ₂ N-HC=S	Thioformamide	2,142
H ₂ P-HC=S	Thioformyl phosphane	2,160
H ₃ Si-HC=S	Thioformyl silane	2,202
H ₃ C-HC=S	Thioacetaldehyde	2,280

C=Si

Cl-HC=SiH ₂	C-Chlorosilaethene	2,131
Cl-HSi=CH ₂	Si-Chlorosilaethene	2,132

F-HC=SiH ₂	C-Fluorosilaethene	2,133
F-HSi=CH ₂	Si-Fluorosilaethene	2,134
Li-HC=SiH ₂	C-Lithiosilaethene	2,135
Li-HSi=CH ₂	Si-Lithiosilaethene	2,136
Na-HSi=CH ₂	Si-Sodiosilaethene	2,150
Na-HC=SiH ₂	C-Sodiosilaethene	2,151
HO-HC=SiH ₂	C-Hydroxysilaethene	2,194
HO-HSi=CH ₂	Si-Hydroxysilaethene	2,195
HS-HSi=CH ₂	Si-Mercaptosilaethene	2,200
HS-HC=SiH ₂	C-Mercaptosilaethene	2,201
H ₂ C=SiH ₂	Silaethene	2,203
H ₂ Al-HSi=CH ₂	Si-Alanylsilaethene	2,206
H ₂ Al-HC=SiH ₂	C-Alanylsilaethene	2,207
H ₂ B-HSi=CH ₂	Si-Borylsilaethene	2,209
H ₂ B-HC=SiH ₂	C-Borylsilaethene	2,210
H ₂ N-HSi=CH ₂	Si-Aminosilaethene	2,211
H ₂ N-HC=SiH ₂	C-Aminosilaethene	2,212
H ₂ P-HC=SiH ₂	C-Phosphinosilaethene	2,219
H ₂ P-HSi-CH ₂	Si-Phosphinosilaethene	2,220
H ₃ Si-HSi=CH ₂	Si-Silylsilaethene	2,222
H ₃ Si-HC=SiH ₂	C-Silylsilaethene	2,223
H ₃ C-HC=SiH ₂	C-Methylsilaethene	2,297
H ₃ C-HSi=CH ₂	Si-Methylsilaethene	2,298

N=N

H ₂ Al-N=NH	Alanyldiimine	2,3
H ₂ B-N=NH	Boryldiimine	2,25
H ₃ C-N=NH	Methyldiimine	2,192
Cl-N=NH	Chlorodiimine	2,315
F-N=NH	Fluorodiimine	2,320
Li-N=NH	Lithiodiimine	2,325
Na-N=NH	Sodiodiimine	2,331
HN=NH	Diimide	2,340
HO-N=NH	Hydroxydiimine	2,341

HS-N=NH	Mercaptodiimine	2,342
H ₂ P-N=NH	Phosphinodiimine	2,357
H ₂ N-N=NH	Aminodiimine	2,358
H ₃ Si-N=NH	Silyldiimine	2,364

N=P

H ₂ Al-N=PH	N-Alanyliminophosphine	2,1
H ₂ Al-P=NH	P-Alanyliminophosphine	2,2
H ₂ B-N=PH	N-Boryliminophosphine	2,23
H ₂ B-P=NH	P-Boryliminophosphine	2,24
H ₃ C-P=NH	P-Methyliminophosphine	2,187
H ₃ C-N=PH	N-Methyliminophosphine	2,188
Cl-N=PH	N-Chloroiminophosphine	2,313
Cl-P=NH	P-Chloroiminophosphine	2,314
F-N=PH	N-Fluoroiminophosphine	2,318
F-P=NH	P-Fluoroiminophosphine	2,319
Li-N=PH	N-Lithioiminophosphine	2,323
Li-P=NH	P-Lithioiminophosphine	2,324
Na-N=PH	N-Sodioiminophosphine	2,327
Na-P=NH	P-Sodioiminophosphine	2,328
HO-N=PH	N-Hydroxyiminophosphine	2,335
HO-P=NH	P-Hydroxyiminophosphine	2,336
HN=PH	Iminophosphine	2,337
HS-N=PH	N-Mercaptoiminophosphine	2,338
HS-P=NH	P-Mercaptoiminophosphine	2,339
H ₂ P-N=PH	N-Phosphinoiminophosphine	2,351
H ₂ P-P=NH	P-Phosphinoiminophosphine	2,352
H ₂ N-N=PH	N-Aminoiminophosphine	2,355
H ₂ N-P=NH	P-Aminoiminophosphine	2,356
H ₃ Si-N=PH	N-Silyliminophosphine	2,362
H ₃ Si-P=NH	P-Silyliminophosphine	2,363

P=P

H ₂ Al-P=PH	Alanyldiphosphene	2,4
H ₂ B-P=PH	Boryldiphosphene	2,27
H ₃ C-P=PH	Methyldiphosphene	2,196
Cl-P=PH	Chlorodiphosphene	2,317
F-P=PH	Fluorodiphosphene	2,321
Li-P=PH	Lithiodiphosphene	2,326
Na-P=PH	Sodiodiphosphene	2,332
HO-P=Ph	Hydroxydiphosphene	2,344
HP=PH	Diphosphene	2,346
HS-P=PH	Mercaptodiphosphene	2,347
H ₂ N-P=Ph	Aminodiphosphene	2,353
H ₂ P-P=PH	Phosphinodiphosphene	2,361
H ₃ Si-P=PH	Silyldiphosphene	2,366

Si=Si

H ₂ Al-HSi=SiH ₂	Alanyldisilene	2,6
H ₂ B-HSi=SiH ₂	Boryldisilene	2,30
H ₃ C-HSi=SiH ₂	Methyldisilene	2,221
Cl-HSi=SiH ₂	Chlorodisilene	2,317
F-HSi=SiH ₂	Fluorodisilene	2,322
Li-HSi=SiH ₂	Lithiodisilene	2,350
Na-HSi=SiH ₂	Sodiodisilene	2,359
HO-HSi=SiH ₂	Hydroxydisilene	2,365
HS-HSi=SiH ₂	Mercaptodisilene	2,367
H ₂ Si=SiH ₂	Disilene	2,368
H ₂ N-HSi=SiH ₂	Aminodisilene	2,369
H ₂ P-HSi=SiH ₂	Phosphinodisilene	2,370

Si=X

H ₂ Si=AlH	Alanasilaethene	2,5
H ₂ Si=BH	Borasilaethene	2,29

$\text{H}_2\text{Si}=\text{O}$	Silaformaldehyde	2,345
$\text{H}_2\text{Si}=\text{S}$	Silathioformaldehyde	2,349
$\text{H}_2\text{Si}=\text{NH}$	Azasilaethene	2,354
$\text{H}_2\text{Si}=\text{PH}$	Phosphasilaethene	2,360

X=Y

$\text{Al}\equiv\text{N}$	Aluminum nitride	2,7
$\text{Al}\equiv\text{P}$	Aluminum phosphide	2,8
$\text{B}\equiv\text{N}$	Boron nitride	2,33
$\text{H}-\text{N}=\text{O}$	Nitrosyl hydride	2,329
$\text{H}-\text{N}=\text{S}$	Thionitrosyl hydride	2,330
$\text{H}-\text{P}=\text{O}$	Phosphoryl hydride	2,333
$\text{H}-\text{P}=\text{S}$	Thiophosphoryl hydride	2,334

X=Y=Z

$\text{O}=\text{C}=\text{NH}$	Isocyanic acid	2,54
$\text{S}=\text{C}=\text{NH}$	Isothiocyanic acid	2,55
$\text{O}=\text{C}=\text{PH}$	Phosphaketene	2,60
$\text{S}=\text{C}=\text{PH}$	Phosphathioketene	2,64
$\text{HAl}=\text{C}=\text{AlH}$	1,3-Dialana(allene)	2,71
$\text{HB}=\text{C}=\text{BH}$	1,3-Dibora(allene)	2,78
$\text{HN}=\text{C}=\text{PH}$	1-Aza-3-phospha(allene)	2,102
$\text{H}_2\text{C}=\text{N}=\text{N}$	Diazomethane	2,105
$\text{HN}=\text{C}=\text{NH}$	1,3-Diaza(allene)	2,106
$\text{H}_2\text{C}=\text{Si}=\text{O}$	2-Silaketene	2,111
$\text{HP}=\text{C}=\text{PH}$	1,3-Diphospha(allene)	2,115
$\text{H}_2\text{C}=\text{Si}=\text{S}$	2-Silathioketene	2,117
$\text{HN}=\text{C}=\text{SiH}_2$	1-Aza-3-sila(allene)	2,148
$\text{HN}=\text{Si}=\text{CH}_2$	1-Aza-2-sila(allene)	2,149
$\text{HP}=\text{Si}=\text{CH}_2$	1-Phospha-2-sila(allene)	2,162
$\text{H}_2\text{Si}=\text{Si}=\text{CH}_2$	1,2-Disila(allene)	2,204
$\text{H}_2\text{Si}=\text{C}=\text{SiH}_2$	1,3-Disila(allene)	2,205
$\text{S}=\text{C}=\text{O}$	Carbonyl sulfide	2,232

$\text{O}=\text{C}=\text{O}$	Carbon dioxide	2,233
$\text{S}=\text{C}=\text{S}$	Carbon disulfide	2,234
$\text{H}_2\text{C}=\text{C}=\text{O}$	Ketene	2,249
$\text{H}_2\text{C}=\text{C}=\text{S}$	Thioketene	2,252
$\text{HB}=\text{C}=\text{CH}_2$	Bora(allene)	2,256
$\text{H}_2\text{C}=\text{C}=\text{NH}$	Keteneimine	2,261
$\text{H}_2\text{C}=\text{C}=\text{PH}$	Phospha(allene)	2,267
$\text{H}_2\text{C}=\text{C}=\text{SiH}_2$	Sila(allene)	2,282
$\text{H}_2\text{C}=\text{Si}=\text{CH}_2$	2-Sila(allene)	2,283
$\text{H}_2\text{C}=\text{C}=\text{CH}_2$	Allene	2,309
$\text{HN}=\text{Si}=\text{NH}$	1,3-Diaza-2-sila(allene)	2,343
$\text{HP}=\text{Si}=\text{PH}$	1,3-Diphospha-2-sila(allene)	2,348
$\text{O}=\text{Si}=\text{O}$	Silicium dioxide	2,371
$\text{S}=\text{Si}=\text{S}$	Silicium disulfide	2,372



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