

## Structure Data of Free Polyatomic Molecules

### Subvolume B: Molecules containing One or Two Carbon Atoms

#### Molecules containing One Carbon Atom

##### Element System C -Ag-...

No	Hill Formula	Structure Formula	Name
<a href="#">001</a>	CAgBrO	Br–Ag–C=O	Bromocarbonylsilver
<a href="#">002</a>	CAgClO	Cl–Ag–C=O	Carbonylchlorosilver
<a href="#">003</a>	CAgFO	F–Ag–C=O	Carbonylfluorosilver

##### Element System C -Al-...

No	Hill Formula	Structure Formula	Name
<a href="#">004</a>	CAIN	Al–N=C	Aluminum isocyanide

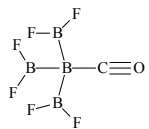
##### Element System C -Ar-...

No	Hill Formula	Structure Formula	Name
<a href="#">005</a>	CArNeO <sub>2</sub>	CO <sub>2</sub> · Ar · Ne	Carbon dioxide – argon – neon (1/1/1)
<a href="#">006</a>	CArO <sub>2</sub>	CO <sub>2</sub> · Ar	Carbon dioxide – argon (1/1)
<a href="#">007</a>	CAr <sub>2</sub> O <sub>2</sub>	CO <sub>2</sub> · 2Ar	Carbon dioxide – argon (1/2)

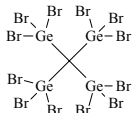
##### Element System C -Au-...

No	Hill Formula	Structure Formula	Name
<a href="#">008</a>	CAuBrO	Br–Au–C=O	Bromo(carbonyl)gold
<a href="#">009</a>	CAuClO	Cl–Au–C=O	Carbonylchlorogold
<a href="#">010</a>	CAuFO	F–Au–C=O	Carbonylfluorogold



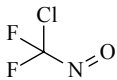
### Element System C -B -...

No	Hill Formula	Structure Formula	Name
<a href="#">011</a>	CB <sub>4</sub> F <sub>6</sub> O		Carbonyltris(difluoroboryl)boron

### Element System C -Br-...

No	Hill Formula	Structure Formula	Name
<a href="#">012</a>	CBrCuO	Br-Cu-C=O	Bromo(carbonyl)copper
<a href="#">013</a>	CBrF <sub>3</sub>	CBrF <sub>3</sub>	Bromotrifluoromethane
<a href="#">014</a>	CBrNO	Br-C≡N-O	Bromine fulminate
<a href="#">015</a>	CBr <sub>2</sub> O	CO · Br <sub>2</sub>	Carbon monoxide – dibromine (1/1)
<a href="#">016</a>	CBr <sub>12</sub> Ge <sub>4</sub>		Methanetetrayltetrakis[tribromogermane]

### Element System C -Cl -...

No	Hill Formula	Structure Formula	Name
<a href="#">017</a>	CClCuO	Cl-Cu-C=O	Carbonylchlorocopper
<a href="#">018</a>	CClFO		Carbonyl chloride fluoride
<a href="#">019</a>	CClFO	CO · ClF	Carbon monoxide – chlorine fluoride (1/1)
<a href="#">020</a>	CClFO <sub>2</sub>	CO <sub>2</sub> · ClF	Carbon dioxide – chlorine fluoride (1/1)
<a href="#">021</a>	CClF <sub>2</sub> N		N-Chlorodifluoromethanimine
<a href="#">022</a>	CClF <sub>2</sub> NO		Chlorodifluoronitrosomethane
<a href="#">023</a>	CClIO	CO · ICl	Carbon monoxide – iodine chloride (1/1)



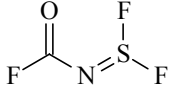
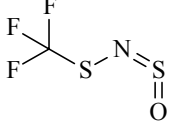
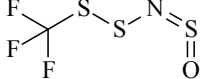
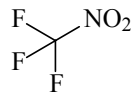
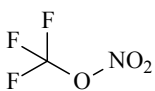
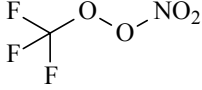
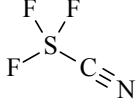
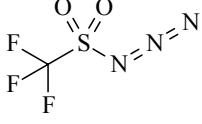
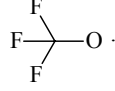
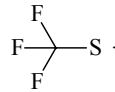
No	Hill Formula	Structure Formula	Name
<a href="#">024</a>	CCINO	$\text{Cl}-\text{C}\equiv\text{N}-\text{O}$	Chlorine fulminate
<a href="#">025</a>	$\text{CCl}_2$	$\begin{array}{c} \cdot\cdot \\ \text{Cl}-\text{C}-\text{Cl} \end{array}$	Dichloromethylene
<a href="#">026</a>	$\text{CCl}_2\text{F}_3\text{NS}$	$\begin{array}{c} \text{Cl} \quad \text{N} \quad \text{F} \\ \diagdown \quad \diagup \quad \diagup \\ \text{S} \quad \text{C} \\ \diagup \quad \diagdown \quad \diagdown \\ \text{Cl} \quad \text{F} \quad \text{F} \end{array}$	[(Trifluoromethyl)imido]sulfurous dichloride
<a href="#">027</a>	$\text{CCl}_3\text{NO}_2$	$\begin{array}{c} \text{Cl} \\ \diagdown \\ \text{Cl}-\text{C}-\text{NO}_2 \\ \diagup \\ \text{Cl} \end{array}$	Trichloronitromethane

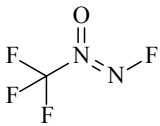
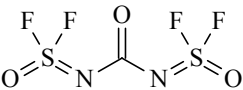
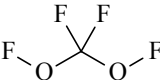
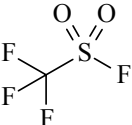
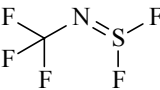
### Element System C -Cu-...

No	Hill Formula	Structure Formula	Name
<a href="#">028</a>	CCuFO	$\text{F}-\text{Cu}-\text{C}=\text{O}$	Carbonylfluorocopper
<a href="#">029</a>	CCuN	$\text{Cu}-\text{C}\equiv\text{N}$	Copper monocyanoide

### Element System C -F -...

No	Hill Formula	Structure Formula	Name
<a href="#">030</a>	CFNOS	$\begin{array}{c} \text{O} \\    \\ \text{F}-\text{S}-\text{C}\equiv\text{N} \end{array}$	Sulfinyl cyanide fluoride
<a href="#">031</a>	CFNO <sub>3</sub> S	$\begin{array}{c} \text{O} \quad \text{O} \\ \diagdown \quad \diagup \\ \text{F}-\text{S}-\text{N}=\text{C}=\text{O} \end{array}$	Sulfuryl fluoride isocyanate
<a href="#">032</a>	CFNO <sub>5</sub>	$\begin{array}{c} \text{O} \\    \\ \text{F}-\text{C}-\text{O}-\text{O}-\text{NO}_2 \end{array}$	Fluorocarbonyl nitro peroxide
<a href="#">033</a>	$\text{CF}_2$	$\begin{array}{c} \cdot\cdot \\ \text{F}-\text{C}-\text{F} \end{array}$	Difluoromethylene
<a href="#">034</a>	$\text{CF}_2\text{I}_2$	$\text{CF}_2\text{I}_2$	Difluorodiiodomethane
<a href="#">035</a>	$\text{CF}_2\text{N}_2\text{S}$	$\begin{array}{c} \text{F} \\   \\ \text{F}-\text{S}=\text{N}-\text{C}\equiv\text{N} \end{array}$	Sulfur cyanamide difluoride

No	Hill Formula	Structure Formula	Name
<a href="#">036</a>	CF <sub>2</sub> O <sub>2</sub>		3,3-Difluorodioxirane
<a href="#">037</a>	CF <sub>2</sub> Se		Selenocarbonyl fluoride
<a href="#">038</a>	CF <sub>3</sub> NOS		cis-Fluoroformyliminosulfur difluoride
<a href="#">039</a>	CF <sub>3</sub> NOS <sub>2</sub>		(Z)-1,1,1-Trifluoro-N-sulfinylmethanesulfenamide
<a href="#">040</a>	CF <sub>3</sub> NOS <sub>3</sub>		(Z)-Sulfinylamino trifluoromethyl disulfide
<a href="#">041</a>	CF <sub>3</sub> NO <sub>2</sub>		Trifluoronitromethane
<a href="#">042</a>	CF <sub>3</sub> NO <sub>3</sub>		Trifluoromethanol nitrate
<a href="#">043</a>	CF <sub>3</sub> NO <sub>4</sub>		Trifluoromethyl peroxonitrate
<a href="#">044</a>	CF <sub>3</sub> NS		Sulfur cyanide trifluoride
<a href="#">045</a>	CF <sub>3</sub> N <sub>3</sub> O <sub>2</sub> S		Trifluoromethanesulfonyl azide
<a href="#">046</a>	CF <sub>3</sub> O		Trifluoromethoxy
<a href="#">047</a>	CF <sub>3</sub> S		Trifluoromethylthio

No	Hill Formula	Structure Formula	Name
<a href="#">048</a>	CF <sub>4</sub> N <sub>2</sub> O		(Z)-1-Fluoro-2-(trifluoromethyl)diazene 2-oxide
<a href="#">049</a>	CF <sub>4</sub> N <sub>2</sub> O <sub>3</sub> S <sub>2</sub>		Carbonylbis(imidosulfinyl difluoride)
<a href="#">050</a>	CF <sub>4</sub> OSi	CO · SiF <sub>4</sub>	Carbon monoxide – tetrafluorosilane (1/1)
<a href="#">051</a>	CF <sub>4</sub> O <sub>2</sub>		Hypofluorous acid difluoromethylene ester
<a href="#">052</a>	CF <sub>4</sub> O <sub>2</sub> S		Trifluoromethanesulfonyl fluoride
<a href="#">053</a>	CF <sub>5</sub> NS		(Trifluoromethyl)imidosulfurous difluoride

### Element System C -Fe-...


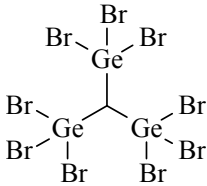
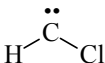
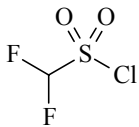

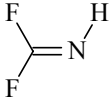
No	Hill Formula	Structure Formula	Name
<a href="#">054</a>	CFeO	Fe–C≡O	Monocarbonyliron

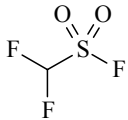
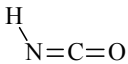

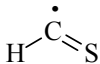
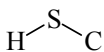

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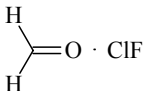
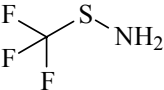
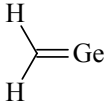
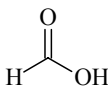
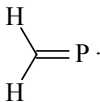
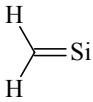
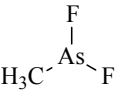
No	Hill Formula	Structure Formula	Name
<a href="#">055</a>	CGaN	Ga–N≡C	Gallium(I) isocyanide
<a href="#">056</a>	CGaN	Ga–C≡N	Gallium(I) cyanide

### Element System C -H -...

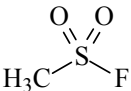
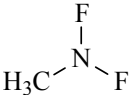
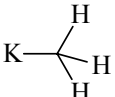
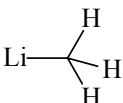
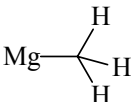
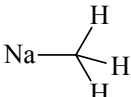

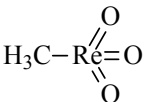
No	Hill Formula	Structure Formula	Name
<a href="#">057</a>	CHAr	CH · Ar	Methylidyne – argon (1/1)

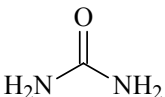
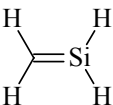
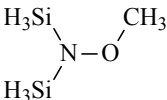
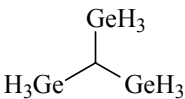
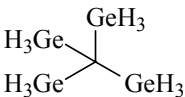
No	Hill Formula	Structure Formula	Name
<a href="#">058</a>	CHArN	$\text{D}-\text{C}\equiv\text{N} \cdot \text{Ar}$	Hydrogen cyanide – argon (1/1)
<a href="#">059</a>	CHArO <sup>+</sup>	$\text{Ar} \cdot \text{H}-\text{C}^+=\text{O}$	Oxomethylum – argon (1/1)
<a href="#">060</a>	CHAr <sub>3</sub> N	$\text{H}-\text{C}\equiv\text{N} \cdot 3\text{Ar}$	Hydrogen cyanide – argon (1/3)
<a href="#">061</a>	CHBr		Bromomethylene
<a href="#">062</a>	CHBrClF	CHBrClF	Bromochlorofluoromethane
<a href="#">063</a>	CHBrClN	$\text{H}-\text{C}\equiv\text{N} \cdot \text{BrCl}$	Hydrogen cyanide – bromine chloride (1/1)
<a href="#">064</a>	CHBrF <sub>2</sub>	CHBrF <sub>2</sub>	Bromodifluoromethane
<a href="#">065</a>	CHBrOS	$\text{O}=\text{C}=\text{S} \cdot \text{HBr}$	Carbonyl sulfide – hydrogen bromide (1/1)
<a href="#">066</a>	CHBrO <sub>2</sub>	$\text{CO}_2 \cdot \text{HBr}$	Carbon dioxide – hydrogen bromide (1/1)
<a href="#">067</a>	CHBr <sub>9</sub> Ge <sub>3</sub>		Tris(tribromogermyl)methane
<a href="#">068</a>	CHCl		Chloromethylene
<a href="#">069</a>	CHClFN	$\text{H}-\text{C}\equiv\text{N} \cdot \text{ClF}$	Hydrogen cyanide – chlorine fluoride (1/1)
<a href="#">070</a>	CHClF <sub>2</sub> O <sub>2</sub> S		Difluoromethanesulfonyl chloride
<a href="#">071</a>	CHClIN	$\text{H}-\text{C}\equiv\text{N} \cdot \text{ICl}$	Hydrogen cyanide – iodine chloride (1/1)
<a href="#">072</a>	CHClO		Formyl chloride
<a href="#">073</a>	CHCl <sub>2</sub> F	CHCl <sub>2</sub> F	Dichlorofluoromethane
<a href="#">074</a>	CHCl <sub>3</sub>	CHCl <sub>3</sub>	Chloroform
<a href="#">075</a>	CHF <sub>2</sub> N		Difluoromethanimine

No	Hill Formula	Structure Formula	Name
<a href="#">076</a>	CHF <sub>2</sub> N	H–C≡N · F <sub>2</sub>	Hydrogen cyanide – difluorine (1/1)
<a href="#">077</a>	CHF <sub>3</sub> O <sub>2</sub> S		Difluoromethanesulfonyl fluoride
<a href="#">078</a>	CHGe	H–C≡Ge ·	Germanium methylidyne
<a href="#">079</a>	CHHeN	H–C≡N · He	Hydrogen cyanide – helium (1/1)
<a href="#">080</a>	CHK	K–C–H	Potassium hydrogen monocarbide
<a href="#">081</a>	CHKrO <sup>+</sup>	Kr · H–C <sup>+</sup> =O	Formylium – krypton (1/1)
<a href="#">082</a>	CHN	H–C≡N	Hydrogen cyanide
<a href="#">083</a>	CHNO		Isocyanic acid
<a href="#">084</a>	CHNO <sub>3</sub> S	H–C≡N · SO <sub>3</sub>	Hydrogen cyanide – sulfur trioxide (1/1)
<a href="#">085</a>	CHNa	Na–C–H	Sodium hydrogen monocarbide
<a href="#">086</a>	CHO		Oxomethyl-d <sub>1</sub>
<a href="#">087</a>	CHP	H–C≡P	Methylidynephosphine
<a href="#">088</a>	CHS		Thioformyl
<a href="#">089</a>	CHS		Mercaptomethylidyne
<a href="#">090</a>	CHS <sup>+</sup>	H–C <sup>+</sup> =S	Thioformylium
<a href="#">091</a>	CHSi	H–C≡Si ·	Silicon methylidyne
<a href="#">092</a>	CHTi	Ti≡C–H	Titanium methylidyne
<a href="#">093</a>	CHW	W≡C–H	Tungsten methylidyne
<a href="#">094</a>	CH <sub>2</sub> <sup>+</sup>		Methyliumyl
<a href="#">095</a>	CH <sub>2</sub> ArF <sub>2</sub>	CH <sub>2</sub> F <sub>2</sub> · Ar	Difluoromethane – argon (1/1)
<a href="#">096</a>	CH <sub>2</sub> ClF	CH <sub>2</sub> ClF	Chlorofluoromethane

No	Hill Formula	Structure Formula	Name
<a href="#">097</a>	CH <sub>2</sub> ClFO		Formaldehyde – chlorine fluoride (1/1)
<a href="#">098</a>	CH <sub>2</sub> Cl <sub>2</sub>	CH <sub>2</sub> Cl <sub>2</sub>	Dichloromethane
<a href="#">099</a>	CH <sub>2</sub> F <sub>3</sub> NS		1,1,1-Trifluoromethanesulfenamide
<a href="#">100</a>	CH <sub>2</sub> Ge		Germylidene
<a href="#">101</a>	CH <sub>2</sub> I <sub>2</sub>	CH <sub>2</sub> I <sub>2</sub>	Diiodomethane
<a href="#">102</a>	CH <sub>2</sub> N <sub>2</sub>	HN=C=NH	Carbodiimide
<a href="#">103</a>	CH <sub>2</sub> OS	O=C=S · H <sub>2</sub>	Carbonyl sulfide – dihydrogen (1/1)
<a href="#">104</a>	CH <sub>2</sub> O <sub>2</sub>		Formic acid
<a href="#">105</a>	CH <sub>2</sub> O <sub>3</sub>	CO <sub>2</sub> · H <sub>2</sub> O	Carbon dioxide – water (1/1)
<a href="#">106</a>	CH <sub>2</sub> P		Methylenephosphinyl
<a href="#">107</a>	CH <sub>2</sub> Si		Silylidene
<a href="#">108</a>	CH <sub>3</sub> Ar <sup>+</sup>	CH <sub>3</sub> <sup>+</sup> · Ar	Methylium – argon (1/1)
<a href="#">109</a>	CH <sub>3</sub> Ar <sub>2</sub> <sup>+</sup>	CH <sub>3</sub> <sup>+</sup> · 2Ar	Methylium – argon (1/2)
<a href="#">110</a>	CH <sub>3</sub> AsF <sub>2</sub>		Difluoromethylarsine
<a href="#">111</a>	CH <sub>3</sub> BF <sub>4</sub>	CH <sub>3</sub> F · BF <sub>3</sub>	Fluoromethane – trifluoroborane (1/1)
<a href="#">112</a>	CH <sub>3</sub> Ba	CH <sub>3</sub> Ba	Methylbarium
<a href="#">113</a>	CH <sub>3</sub> CaO	Ca–O–CH <sub>3</sub>	Calcium(I) methoxide
<a href="#">114</a>	CH <sub>3</sub> F	CH <sub>3</sub> F	Fluoromethane



No	Hill Formula	Structure Formula	Name
<a href="#">115</a>	CH <sub>3</sub> FO <sub>2</sub> S		Methanesulfonyl fluoride
<a href="#">116</a>	CH <sub>3</sub> F <sub>2</sub> N		N,N-Difluoromethanamine
<a href="#">117</a>	CH <sub>3</sub> K		Methylpotassium
<a href="#">118</a>	CH <sub>3</sub> Li		Methyllithium
<a href="#">119</a>	CH <sub>3</sub> Mg		Methylmagnesium
<a href="#">120</a>	CH <sub>3</sub> N	H-C≡N · H <sub>2</sub>	Hydrogen cyanide – dihydrogen (1/1)
<a href="#">121</a>	CH <sub>3</sub> NSi	H <sub>3</sub> Si-C≡N	Silyl cyanide
<a href="#">122</a>	CH <sub>3</sub> Na		Methylsodium
<a href="#">123</a>	CH <sub>3</sub> Ne <sup>+</sup>	CH <sub>3</sub> <sup>+</sup> · Ne	Methylum – neon (1/1)
<a href="#">124</a>	CH <sub>3</sub> Ne <sub>2</sub> <sup>+</sup>	CH <sub>3</sub> <sup>+</sup> · 2Ne	Methylum – neon (1/2)
<a href="#">125</a>	CH <sub>3</sub> O <sup>+</sup>		Protonated formaldehyde
<a href="#">126</a>	CH <sub>3</sub> O <sub>3</sub> Re		Methylrhenium trioxide
<a href="#">127</a>	CH <sub>3</sub> Sr	CH <sub>3</sub> Sr	Methylstrontium
<a href="#">128</a>	CH <sub>4</sub> Ar	CH <sub>4</sub> · Ar	Methane – argon (1/1)
<a href="#">129</a>	CH <sub>4</sub> F <sub>2</sub> O	CH <sub>2</sub> F <sub>2</sub> · H <sub>2</sub> O	Difluoromethane – water (1/1)
<a href="#">130</a>	CH <sub>4</sub> Kr	CH <sub>4</sub> · Kr	Methane – krypton (1/1)

No	Hill Formula	Structure Formula	Name
<a href="#">131</a>	CH <sub>4</sub> N <sub>2</sub> O		Urea
<a href="#">132</a>	CH <sub>4</sub> O <sub>2</sub>	H <sub>2</sub> CO · H <sub>2</sub> O	Formaldehyde – water (1/1)
<a href="#">133</a>	CH <sub>4</sub> O <sub>3</sub>	CH <sub>4</sub> · O <sub>3</sub>	Methane – ozone (1/1)
<a href="#">134</a>	CH <sub>4</sub> Si		Silaethylene
<a href="#">135</a>	CH <sub>3</sub> ClO	CH <sub>3</sub> OH · HCl	Methanol – hydrogen chloride (1/1)
<a href="#">136</a>	CH <sub>6</sub>	CH <sub>4</sub> · H <sub>2</sub>	Methane – dihydrogen (1/1)
<a href="#">137</a>	CH <sub>6</sub> O <sub>2</sub>	CH <sub>3</sub> OH · H <sub>2</sub> O	Methanol – water (1/1)
<a href="#">138</a>	CH <sub>9</sub> NOSi <sub>2</sub>		N-Methoxy-N-silylsilanamine
<a href="#">139</a>	CH <sub>10</sub> Ge <sub>3</sub>		Methylidynetrisgermane
<a href="#">140</a>	CH <sub>12</sub> Ge <sub>4</sub>		Tetrakis(germyl)methane

### **Element System C -He-...**

No	Hill Formula	Structure Formula	Name
<a href="#">141</a>	CHeOS	O=C=S · He	Carbonyl sulfide – helium (1/1)
<a href="#">142</a>	CHeO <sub>2</sub>	CO <sub>2</sub> · He	Carbon dioxide – helium (1/1)

### **Element System C -I-...**

No	Hill Formula	Structure Formula	Name
<a href="#">143</a>	CIN	I–C≡N	Cyanogen iodide
<a href="#">144</a>	CI <sub>4</sub>	CI <sub>4</sub>	Tetraiodomethane

### **Element System C -In-...**

No	Hill Formula	Structure Formula	Name
<a href="#">145</a>	CInN	In-C $\equiv$ N	Indium(I) cyanide
<a href="#">146</a>	CInN	In-N $\equiv$ C	Indium(I) isocyanide

### **Element System C -Kr-...**

No	Hill Formula	Structure Formula	Name
<a href="#">147</a>	CKrO	CO · Kr	Carbon monoxide – krypton (1/1)

### **Element System C -Mg-...**

No	Hill Formula	Structure Formula	Name
<a href="#">148</a>	CMgN	Mg-N=C	Magnesium(I) isocyanide

### **Element System C -N -...**

No	Hill Formula	Structure Formula	Name
<a href="#">149</a>	CNNi	Ni-C $\equiv$ N	Nickel cyanide
<a href="#">150</a>	CNZn	Zn-C $\equiv$ N	Zinc monocyanoide
<a href="#">151</a>	CN <sub>2</sub>	N=C=N	Methanetetraylbisamidogen
<a href="#">152</a>	CN <sub>2</sub> O	CO · N <sub>2</sub>	Carbon monoxide – dinitrogen (1/1)
<a href="#">153</a>	CN <sub>2</sub> OS	O=C=S · N <sub>2</sub>	Carbonyl sulfide – dinitrogen (1/1)
<a href="#">154</a>	CN <sub>2</sub> O <sub>2</sub>	CO · N <sub>2</sub> O	Carbon monoxide – dinitrogen monoxide (1/1)
<a href="#">155</a>	CN <sub>2</sub> O <sub>2</sub> S	O=C=S · N <sub>2</sub> O	Carbonyl sulfide – dinitrogen monoxide (1/1)
<a href="#">156</a>	CN <sub>2</sub> O <sub>3</sub>	CO <sub>2</sub> · N <sub>2</sub> O	Carbon dioxide – dinitrogen monoxide (1/1)

**Element System C -Ne-...**

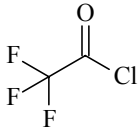
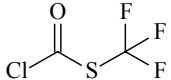
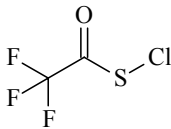
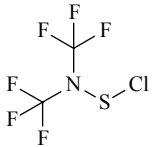
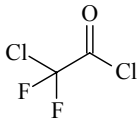
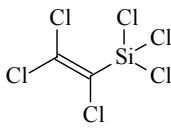
No	Hill Formula	Structure Formula	Name
<a href="#">157</a>	CNeO	CO · Ne	Carbon monoxide – neon (1/1)
<a href="#">158</a>	CNe <sub>2</sub> OS	O=C=S · 2Ne	Carbonyl sulfide – neon (1/2)

**Element System C -O -...**

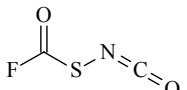
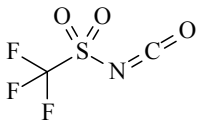
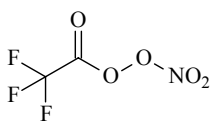
No	Hill Formula	Structure Formula	Name
<a href="#">159</a>	COPd	Pd–C≡O	Carbonylpalladium
<a href="#">160</a>	COPt	Pt–C≡O	Carbonylplatinum
<a href="#">161</a>	COXe	CO · Xe	Carbon monoxide – xenon (1/1)
<a href="#">162</a>	CO <sub>2</sub>	CO <sub>2</sub>	Carbon dioxide
<a href="#">163</a>	CO <sub>2</sub> S <sub>3</sub>	CS <sub>2</sub> · SO <sub>2</sub>	Carbon disulfide – sulfur dioxide (1/1)
<a href="#">164</a>	CO <sub>3</sub> S <sub>2</sub>	O=C=S · SO <sub>2</sub>	Carbonyl sulfide – sulfur dioxide (1/1)
<a href="#">165</a>	CO <sub>4</sub> S	CO <sub>2</sub> · SO <sub>2</sub>	Carbon dioxide – sulfur dioxide (1/1)

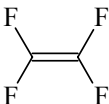
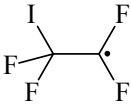
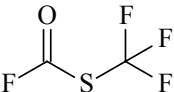
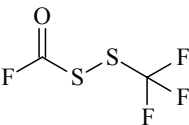
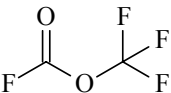
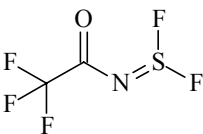
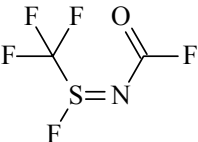
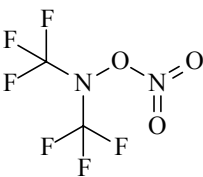
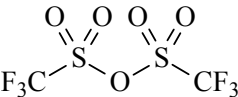
## Molecules containing Two Carbon Atoms

### Element System C -Cl -...

No	Hill Formula	Structure Formula	Name
<a href="#">166</a>	C <sub>2</sub> ClF <sub>3</sub> O		Trifluoroacetyl chloride
<a href="#">167</a>	C <sub>2</sub> ClF <sub>3</sub> OS		Carbonochloridothioic acid S-(trifluoromethyl) ester
<a href="#">168</a>	C <sub>2</sub> ClF <sub>3</sub> OS		Trifluoroethanethioic acid anhydrosulfide
<a href="#">169</a>	C <sub>2</sub> ClF <sub>6</sub> NS		Bis(trifluoromethyl)amidosulfenyl chloride
<a href="#">170</a>	C <sub>2</sub> Cl <sub>2</sub> F <sub>2</sub> O		Chlorodifluoroacetyl chloride
<a href="#">171</a>	C <sub>2</sub> Cl <sub>6</sub> Si		Trichloro(trichloroethenyl)silane

### Element System C -F -...

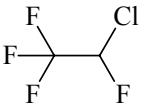
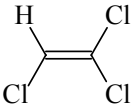
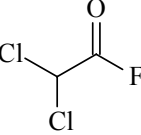
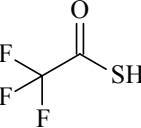
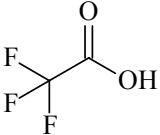
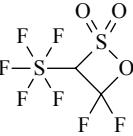
No	Hill Formula	Structure Formula	Name
<a href="#">172</a>	C <sub>2</sub> FNO <sub>2</sub> S		(Isocyanatothio)formyl fluoride
<a href="#">173</a>	C <sub>2</sub> F <sub>3</sub> NO <sub>3</sub> S		Trifluoromethanesulfonyl isocyanate
<a href="#">174</a>	C <sub>2</sub> F <sub>3</sub> NO <sub>5</sub>		Nitro trifluoroacetyl peroxide

No	Hill Formula	Structure Formula	Name
<a href="#">175</a>	C <sub>2</sub> F <sub>4</sub>		Tetrafluoroethene
<a href="#">176</a>	C <sub>2</sub> F <sub>4</sub> I		1,1,2,2-Tetrafluoro-2-iodoethyl
<a href="#">177</a>	C <sub>2</sub> F <sub>4</sub> OS		Carbonofluoridothioic acid S-(trifluoromethyl) ester
<a href="#">178</a>	C <sub>2</sub> F <sub>4</sub> OS <sub>2</sub>		Carbono(dithioperoxo)fluoridic acid
<a href="#">179</a>	C <sub>2</sub> F <sub>4</sub> O <sub>2</sub>		Carbonofluoridic acid trifluoromethyl ester
<a href="#">180</a>	C <sub>2</sub> F <sub>5</sub> NOS		(Trifluoroacetyl)imidosulfurous difluoride
<a href="#">181</a>	C <sub>2</sub> F <sub>5</sub> NOS		1,1,1-Trifluoro-N-(fluorocarbonyl)methane-sulfinimidoyl fluoride
<a href="#">182</a>	C <sub>2</sub> F <sub>6</sub> N <sub>2</sub> O <sub>3</sub>		1,1,1-Trifluoro-N-(nitrooxy)-N-(trifluoromethyl)-methanamine
<a href="#">183</a>	C <sub>2</sub> F <sub>6</sub> O <sub>5</sub> S <sub>2</sub>		Trifluoromethanesulfonic acid anhydride

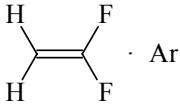
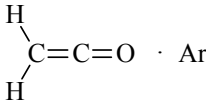
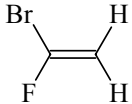
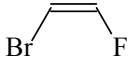
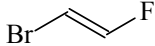
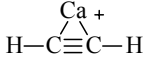
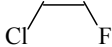
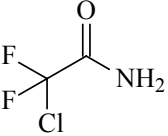
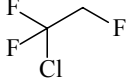
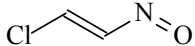
### Element System C -Fe-...

No	Hill Formula	Structure Formula	Name
<a href="#">184</a>	C <sub>2</sub> FeO <sub>2</sub>	Fe(CO) <sub>2</sub>	Irondicarbonyl

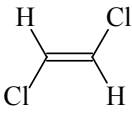
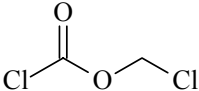
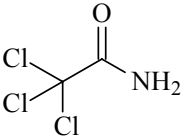
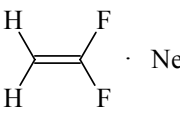
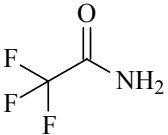
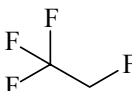
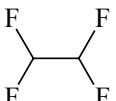
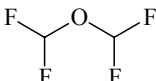
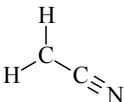
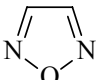
## Element System C -H -... with One Hydrogen Atom

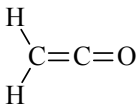
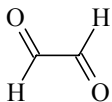
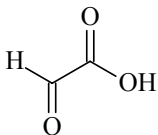
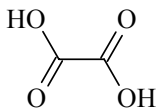
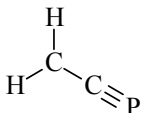
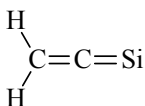
No	Hill Formula	Structure Formula	Name
<a href="#">185</a>	C <sub>2</sub> HClF <sub>4</sub>		2-Chloro-1,1,1,2-tetrafluoroethane
<a href="#">186</a>	C <sub>2</sub> HCl <sub>2</sub> FO		Dichloroacetyl fluoride
<a href="#">187</a>	C <sub>2</sub> HCl <sub>3</sub>		Trichloroethylene
<a href="#">188</a>	C <sub>2</sub> HF <sub>3</sub> OS		Trifluoroethanethioic acid
<a href="#">189</a>	C <sub>2</sub> HF <sub>3</sub> O <sub>2</sub>		Trifluoroacetic acid
<a href="#">190</a>	C <sub>2</sub> HF <sub>7</sub> O <sub>3</sub> S <sub>2</sub>		(4,4-Difluoro-2,2-dioxo-1,2λ <sup>6</sup> -oxathiethan-3-yl)-pentafluorosulfur(VI)
<a href="#">191</a>	C <sub>2</sub> HK	K-C≡C-H	Monopotassium acetylide
<a href="#">192</a>	C <sub>2</sub> HLi	Li-C≡C-H	Monolithium acetylide
<a href="#">193</a>	C <sub>2</sub> HN	H-C≡C-N	Cyanomethylene
<a href="#">194</a>	C <sub>2</sub> HNa	Na-C≡C-H	Monosodium acetylide
<a href="#">195</a>	C <sub>2</sub> HP	H-C≡C-P	Phosphinidyneethylidene
<a href="#">196</a>	C <sub>2</sub> HSr	Sr-C≡C-H	Ethynylstrontium

## Element System C -H -... with Two Hydrogen Atoms

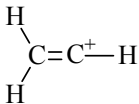
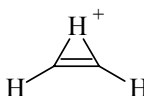
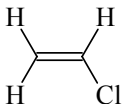
No	Hill Formula	Structure Formula	Name
<a href="#">197</a>	C <sub>2</sub> H <sub>2</sub> Ar	H-C≡C-H · Ar	Acetylene – argon (1/1)
<a href="#">198</a>	C <sub>2</sub> H <sub>2</sub> ArF <sub>2</sub>		1,1-Difluoroethene – argon (1/1)
<a href="#">199</a>	C <sub>2</sub> H <sub>2</sub> ArO		Ketene – argon (1/1)
<a href="#">200</a>	C <sub>2</sub> H <sub>2</sub> Br <sup>-</sup>	H-C≡C-H · Br <sup>-</sup>	Ethyne – bromide (1/1)
<a href="#">201</a>	C <sub>2</sub> H <sub>2</sub> BrF		1-Bromo-1-fluoroethene
<a href="#">202</a>	C <sub>2</sub> H <sub>2</sub> BrF		(Z)-1-Bromo-2-fluoroethene
<a href="#">203</a>	C <sub>2</sub> H <sub>2</sub> BrF		(E)-1-Bromo-2-fluoroethene
<a href="#">204</a>	C <sub>2</sub> H <sub>2</sub> Br <sub>2</sub>	H-C≡C-H · Br <sub>2</sub>	Acetylene – dibromine (1/1)
<a href="#">205</a>	C <sub>2</sub> H <sub>2</sub> Ca <sup>+</sup>		((2-Ethyne)calcium (1+) ion
<a href="#">206</a>	C <sub>2</sub> H <sub>2</sub> ClF		cis-1-Chloro-2-fluoroethylene
<a href="#">207</a>	C <sub>2</sub> H <sub>2</sub> ClF	H-C≡C-H · ClF	Acetylene – chlorine fluoride (1/1)
<a href="#">208</a>	C <sub>2</sub> H <sub>2</sub> ClF <sub>2</sub> NO		2-Chloro-2,2-difluoroacetamide
<a href="#">209</a>	C <sub>2</sub> H <sub>2</sub> ClF <sub>3</sub>		1-Chloro-1,1,2-trifluoroethane
<a href="#">210</a>	C <sub>2</sub> H <sub>2</sub> ClI	H-C≡C-H · ICl	Acetylene – iodine chloride (1/1)
<a href="#">211</a>	C <sub>2</sub> H <sub>2</sub> ClNO		(E)-1-Chloro-2-nitrosoethene

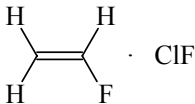
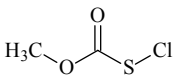
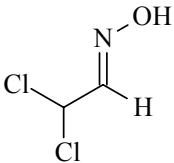
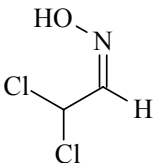
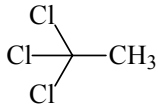
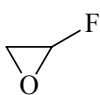
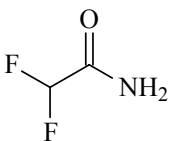
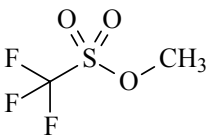
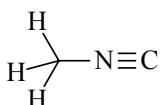


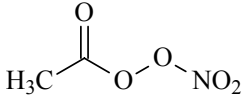
No	Hill Formula	Structure Formula	Name
<a href="#">212</a>	C <sub>2</sub> H <sub>2</sub> Cl <sub>2</sub>		(E)-1,2-Dichloroethene
<a href="#">213</a>	C <sub>2</sub> H <sub>2</sub> Cl <sub>2</sub> O <sub>2</sub>		Carbonochloridic acid chloromethyl ester
<a href="#">214</a>	C <sub>2</sub> H <sub>2</sub> Cl <sub>3</sub> NO		2,2,2-Trichloroacetamide
<a href="#">215</a>	C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Ne		1,1-Difluoroethene – neon (1/1)
<a href="#">216</a>	C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> NO		2,2,2-Trifluoroacetamide
<a href="#">217</a>	C <sub>2</sub> H <sub>2</sub> F <sub>4</sub>		1,1,1,2-Tetrafluoroethane
<a href="#">218</a>	C <sub>2</sub> H <sub>2</sub> F <sub>4</sub>		1,1,2,2-Tetrafluoroethane
<a href="#">219</a>	C <sub>2</sub> H <sub>2</sub> F <sub>4</sub> O		Bis(difluoromethyl) ether
<a href="#">220</a>	C <sub>2</sub> H <sub>2</sub> N		Cyanomethyl
<a href="#">221</a>	C <sub>2</sub> H <sub>2</sub> N <sub>2</sub> O		Furazan
<a href="#">222</a>	C <sub>2</sub> H <sub>2</sub> N <sub>2</sub> O	H–C≡C–H · N <sub>2</sub> O	Acetylene – dinitrogen monoxide (1/1)
<a href="#">223</a>	C <sub>2</sub> H <sub>2</sub> N <sub>2</sub> O <sub>3</sub> S	2(H–C≡N) · SO <sub>3</sub>	Hydrogen cyanide – sulfur trioxide (2/1)

No	Hill Formula	Structure Formula	Name
<a href="#">224</a>	C <sub>2</sub> H <sub>2</sub> O		Ketene
<a href="#">225</a>	C <sub>2</sub> H <sub>2</sub> O <sub>2</sub>		Glyoxal
<a href="#">226</a>	C <sub>2</sub> H <sub>2</sub> O <sub>3</sub>		Glyoxylic acid
<a href="#">227</a>	C <sub>2</sub> H <sub>2</sub> O <sub>4</sub>		Oxalic acid
<a href="#">228</a>	C <sub>2</sub> H <sub>2</sub> P		Phosphinidyneethyl
<a href="#">229</a>	C <sub>2</sub> H <sub>2</sub> Si		Ethenylidenesilanediy

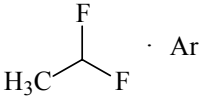
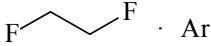
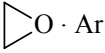
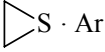
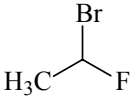
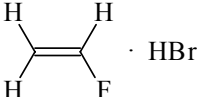
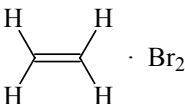
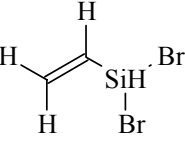
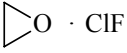
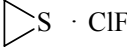
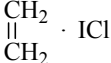
### Element System C -H -... with Three Hydrogen Atoms

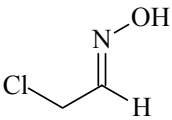
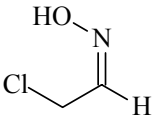
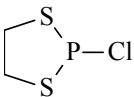
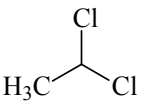
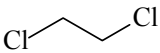
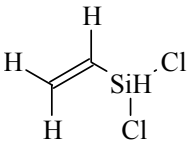
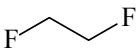
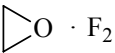
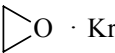
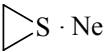
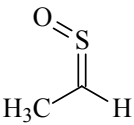
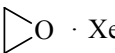
No	Hill Formula	Structure Formula	Name
<a href="#">230</a>	C <sub>2</sub> H <sub>3</sub> <sup>+</sup>		Protonated acetylene
			Protonated acetylene, non-classical form
<a href="#">231</a>	C <sub>2</sub> H <sub>3</sub> ArN	H <sub>3</sub> C–N=C · Ar	Methyl isocyanide – argon (1/1)
<a href="#">232</a>	C <sub>2</sub> H <sub>3</sub> As	H <sub>3</sub> C–C≡As	Ethylidynearsine
<a href="#">233</a>	C <sub>2</sub> H <sub>3</sub> Cl		Vinyl chloride

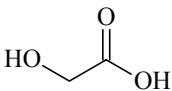

No	Hill Formula	Structure Formula	Name
<a href="#">234</a>	C <sub>2</sub> H <sub>3</sub> Cl	H-C≡C-H · HCl	Ethyne – hydrogen chloride (1/1)
<a href="#">235</a>	C <sub>2</sub> H <sub>3</sub> ClFN	H <sub>3</sub> C≡N · ClF	Acetonitrile – chlorine fluoride (1/1)
<a href="#">236</a>	C <sub>2</sub> H <sub>3</sub> ClF <sub>2</sub>		Fluoroethene – chlorine fluoride (1/1)
<a href="#">237</a>	C <sub>2</sub> H <sub>3</sub> ClO <sub>2</sub> S		Carbonothioic acid anhydrosulfide with thiohypochlorous acid, O-methyl ester
<a href="#">238</a>	C <sub>2</sub> H <sub>3</sub> Cl <sub>2</sub> NO		(E)-Dichloroacetaldehyde oxime
<a href="#">239</a>	C <sub>2</sub> H <sub>3</sub> Cl <sub>2</sub> NO		(Z)-Dichloroacetaldehyde oxime
<a href="#">240</a>	C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub>		1,1,1-Trichloroethane
<a href="#">241</a>	C <sub>2</sub> H <sub>3</sub> FO		Fluorooxirane
<a href="#">242</a>	C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> N	H <sub>3</sub> C≡C-N · F <sub>2</sub>	Methyl cyanide – difluorine (1/1)
<a href="#">243</a>	C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> NO		2,2-Difluoroacetamide
<a href="#">244</a>	C <sub>2</sub> H <sub>3</sub> F <sub>3</sub> O <sub>3</sub> S		Trifluoromethanesulfonic acid methyl ester
<a href="#">245</a>	C <sub>2</sub> H <sub>3</sub> N		Methyl isocyanide
<a href="#">246</a>	C <sub>2</sub> H <sub>3</sub> NO <sub>3</sub> S	H <sub>3</sub> C≡N · SO <sub>3</sub>	Acetonitrile – sulfur trioxide (1/1)

No	Hill Formula	Structure Formula	Name
<a href="#">247</a>	C <sub>2</sub> H <sub>3</sub> NO <sub>5</sub>		Acetyl nitro peroxide

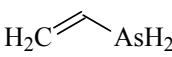
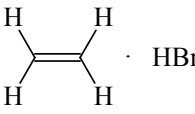

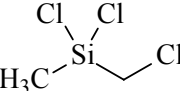
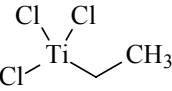
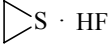
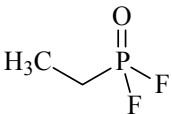
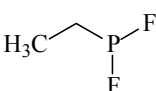
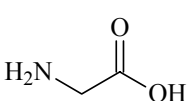
### **Element System C -H -... with 4 Hydrogen Atoms**

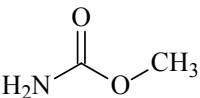
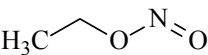
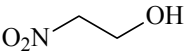
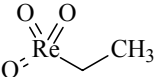
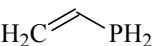
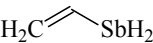
No	Hill Formula	Structure Formula	Name
<a href="#">248</a>	C <sub>2</sub> H <sub>4</sub> ArF <sub>2</sub>		1,1-Difluoroethane – argon (1/1)
<a href="#">249</a>	C <sub>2</sub> H <sub>4</sub> ArF <sub>2</sub>		1,2-Difluoroethane – argon (1/1)
<a href="#">250</a>	C <sub>2</sub> H <sub>4</sub> ArO		Oxirane – argon (1/1)
<a href="#">251</a>	C <sub>2</sub> H <sub>4</sub> ArS		Thiirane – argon (1/1)
<a href="#">252</a>	C <sub>2</sub> H <sub>4</sub> BrF		1-Bromo-1-fluoroethane
<a href="#">253</a>	C <sub>2</sub> H <sub>4</sub> BrF		Fluoroethene – hydrogen bromide (1/1)
<a href="#">254</a>	C <sub>2</sub> H <sub>4</sub> Br <sub>2</sub>		Ethene – dibromine (1/1)
<a href="#">255</a>	C <sub>2</sub> H <sub>4</sub> Br <sub>2</sub> Si		Dibromo(ethenyl)silane
<a href="#">256</a>	C <sub>2</sub> H <sub>4</sub> ClF	H <sub>2</sub> C=CH <sub>2</sub> · ClF	Ethylene – chlorine fluoride (1/1)
<a href="#">257</a>	C <sub>2</sub> H <sub>4</sub> ClFO		Oxirane – chlorine fluoride (1/1)
<a href="#">258</a>	C <sub>2</sub> H <sub>4</sub> ClFS		Thiirane – chlorine fluoride (1/1)
<a href="#">259</a>	C <sub>2</sub> H <sub>4</sub> ClI		Ethylene – iodine chloride (1/1)

No	Hill Formula	Structure Formula	Name
<a href="#">260</a>	C <sub>2</sub> H <sub>4</sub> ClNO		(E)-Chloroacetaldehyde oxime
<a href="#">261</a>	C <sub>2</sub> H <sub>4</sub> ClNO		(Z)-Chloroacetaldehyde oxime
<a href="#">262</a>	C <sub>2</sub> H <sub>4</sub> ClPS <sub>2</sub>		2-Chloro-1,3,2-dithiaphospholane
<a href="#">263</a>	C <sub>2</sub> H <sub>4</sub> Cl <sub>2</sub>		1,1-Dichloroethane
<a href="#">264</a>	C <sub>2</sub> H <sub>4</sub> Cl <sub>2</sub>		1,2-Dichloroethane
<a href="#">265</a>	C <sub>2</sub> H <sub>4</sub> Cl <sub>2</sub> Si		Dichloro(ethenyl)silane
<a href="#">266</a>	C <sub>2</sub> H <sub>4</sub> F <sub>2</sub>		1,2-Difluoroethane
<a href="#">267</a>	C <sub>2</sub> H <sub>4</sub> F <sub>2</sub> O	 · F <sub>2</sub>	Oxirane – difluorine (1/1)
<a href="#">268</a>	C <sub>2</sub> H <sub>4</sub> F <sub>4</sub>	(CH <sub>2</sub> F <sub>2</sub> ) <sub>2</sub>	Difluoromethane dimer
<a href="#">269</a>	C <sub>2</sub> H <sub>4</sub> KrO	 · Kr	Oxirane – krypton (1/1)
<a href="#">270</a>	C <sub>2</sub> H <sub>4</sub> NeS	 · Ne	Thiirane – neon (1/1)
<a href="#">271</a>	C <sub>2</sub> H <sub>4</sub> O	CH <sub>4</sub> · CO	Methane – carbon monoxide (1/1)
<a href="#">272</a>	C <sub>2</sub> H <sub>4</sub> OS		(Z)-Methylsulfine
<a href="#">273</a>	C <sub>2</sub> H <sub>4</sub> OS	CH <sub>4</sub> · O=C=S	Methane – carbonyl sulfide (1/1)
<a href="#">274</a>	C <sub>2</sub> H <sub>4</sub> OXe	 · Xe	Oxirane – xenon (1/1)

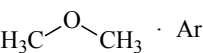
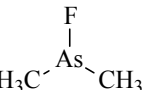
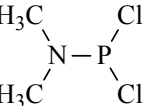
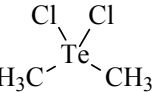
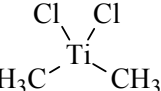
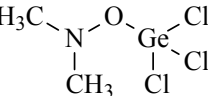
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<a href="#">275</a>	C <sub>2</sub> H <sub>4</sub> O <sub>3</sub>		Glycolic acid
<a href="#">276</a>	C <sub>2</sub> H <sub>4</sub> S		Ethylene sulfide

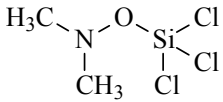
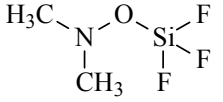
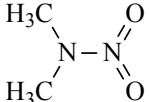
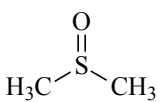
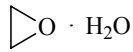
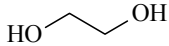
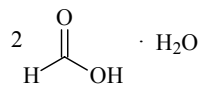
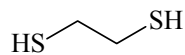
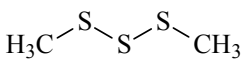
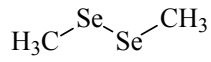
### **Element System C -H -... with 5 Hydrogen Atoms**

No	Hill Formula	Structure Formula	Name
<a href="#">277</a>	C <sub>2</sub> H <sub>5</sub>	H <sub>3</sub> C-CH <sub>2</sub>	Ethyl
<a href="#">278</a>	C <sub>2</sub> H <sub>5</sub> As		Vinylarsine
<a href="#">279</a>	C <sub>2</sub> H <sub>5</sub> Br		Ethene – hydrogen bromide (1/1)
<a href="#">280</a>	C <sub>2</sub> H <sub>5</sub> Cl <sub>2</sub> N		N,N-Dichloroethanamine
<a href="#">281</a>	C <sub>2</sub> H <sub>5</sub> Cl <sub>3</sub> Si		Dichloro(chloromethyl)methylsilane
<a href="#">282</a>	C <sub>2</sub> H <sub>5</sub> Cl <sub>3</sub> Ti		Trichloroethyltitanium(IV)
<a href="#">283</a>	C <sub>2</sub> H <sub>5</sub> FS		Thiirane – hydrogen fluoride (1/1)
<a href="#">284</a>	C <sub>2</sub> H <sub>5</sub> F <sub>2</sub> OP		Ethylphosphonic difluoride
<a href="#">285</a>	C <sub>2</sub> H <sub>5</sub> F <sub>2</sub> P		Ethyldifluorophosphine
<a href="#">286</a>	C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>		Glycine

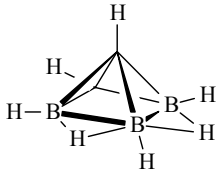
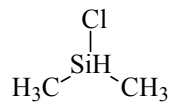
No	Hill Formula	Structure Formula	Name
<a href="#">287</a>	C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>		Methyl carbamate
<a href="#">288</a>	C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>		Ethyl nitrite
<a href="#">289</a>	C <sub>2</sub> H <sub>5</sub> NO <sub>3</sub>		2-Nitroethanol
<a href="#">290</a>	C <sub>2</sub> H <sub>5</sub> O <sub>3</sub> Re		Ethyltrioxorhenium
<a href="#">291</a>	C <sub>2</sub> H <sub>5</sub> P		Vinylphosphine
<a href="#">292</a>	C <sub>2</sub> H <sub>5</sub> Sb		Vinylstibine

### **Element System C -H -... with 6 Hydrogen Atoms**

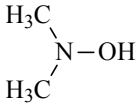
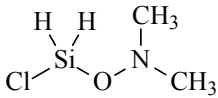
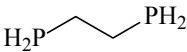
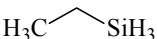
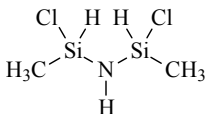
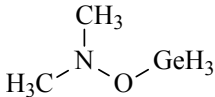
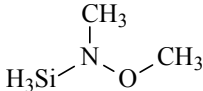
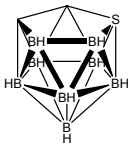
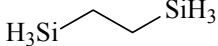
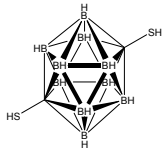
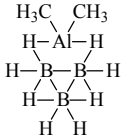
No	Hill Formula	Structure Formula	Name
<a href="#">293</a>	C <sub>2</sub> H <sub>6</sub> ArO		Oxybismethane – argon (1/1)
<a href="#">294</a>	C <sub>2</sub> H <sub>6</sub> AsF		Fluorodimethylarsine
<a href="#">295</a>	C <sub>2</sub> H <sub>6</sub> Cl <sub>2</sub> NP		Dimethylphosphoramidous dichloride
<a href="#">296</a>	C <sub>2</sub> H <sub>6</sub> Cl <sub>2</sub> Te		Dimethyltellurium dichloride
<a href="#">297</a>	C <sub>2</sub> H <sub>6</sub> Cl <sub>2</sub> Ti		Dichlorodimethyltitanium
<a href="#">298</a>	C <sub>2</sub> H <sub>6</sub> Cl <sub>3</sub> GeN O		O-Trichlorogermyl-N,N-dimethylhydroxylamine

No	Hill Formula	Structure Formula	Name
<a href="#">299</a>	C <sub>2</sub> H <sub>6</sub> Cl <sub>3</sub> NOSi		N-Methyl-N-[(trichlorosilyl)oxy]methanamine
<a href="#">300</a>	C <sub>2</sub> H <sub>6</sub> F <sub>3</sub> NOSi		N-Methyl-N-[(trifluorosilyl)oxy]methanamine
<a href="#">301</a>	C <sub>2</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>		N-Methyl-N-nitromethanamine
<a href="#">302</a>	C <sub>2</sub> H <sub>6</sub> OS		Sulfinylbismethane
<a href="#">303</a>	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>		Oxirane – water (1/1)
<a href="#">304</a>	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>		1,2-Ethanediol
<a href="#">305</a>	C <sub>2</sub> H <sub>6</sub> O <sub>5</sub>		Formic acid – water (2/1)
<a href="#">306</a>	C <sub>2</sub> H <sub>6</sub> S <sub>2</sub>		1,2-Ethanedithiol
<a href="#">307</a>	C <sub>2</sub> H <sub>6</sub> S <sub>3</sub>		Dimethyl trisulfide
<a href="#">308</a>	C <sub>2</sub> H <sub>6</sub> Se <sub>2</sub>		Dimethyl diselenide

### Element System C -H -... with 7 to 14 Hydrogen Atoms

No	Hill Formula	Structure Formula	Name
<a href="#">309</a>	C <sub>2</sub> H <sub>7</sub> B <sub>3</sub>		nido-1,2-Dicarbapentaborane(7)
<a href="#">310</a>	C <sub>2</sub> H <sub>7</sub> ClSi		Chlorodimethylsilane



No	Hill Formula	Structure Formula	Name
<a href="#">311</a>	C <sub>2</sub> H <sub>7</sub> NO		N-Hydroxy-N-methylmethanamine
<a href="#">312</a>	C <sub>2</sub> H <sub>8</sub> ClNOSi		N-[(Chlorosilyl)oxy]-N-methylmethanamine
<a href="#">313</a>	C <sub>2</sub> H <sub>8</sub> O <sub>2</sub>	CH <sub>3</sub> OH–CH <sub>3</sub> OH	Methanol dimer
<a href="#">314</a>	C <sub>2</sub> H <sub>8</sub> P <sub>2</sub>		1,2-Diphosphinoethane
<a href="#">315</a>	C <sub>2</sub> H <sub>8</sub> Si		Ethylsilane
<a href="#">316</a>	C <sub>2</sub> H <sub>9</sub> Cl <sub>2</sub> NSi <sub>2</sub>		1,3-Dichloro-1,3-dimethyldisilazane
<a href="#">317</a>	C <sub>2</sub> H <sub>9</sub> GeNO		N-(Germyloxy)-N-methylmethanamine
<a href="#">318</a>	C <sub>2</sub> H <sub>9</sub> NOSi		N-Methoxy-N-methylsilanamine
<a href="#">319</a>	C <sub>2</sub> H <sub>10</sub> B <sub>8</sub> S		7,8-Dicarba-10-thia-nido-undecaborane(10)
<a href="#">320</a>	C <sub>2</sub> H <sub>10</sub> Si <sub>2</sub>		1,2-Ethanediylobisilane
<a href="#">321</a>	C <sub>2</sub> H <sub>12</sub> B <sub>10</sub> S <sub>2</sub>		1,12-Dicarbadoecaborane(12)-1,12-dithiol
<a href="#">322</a>	C <sub>2</sub> H <sub>14</sub> AlB <sub>3</sub>		2-Dimethyl-2-alumina-arachno-tetraborane(10)

No	Hill Formula	Structure Formula	Name
<a href="#">323</a>	C <sub>2</sub> H <sub>14</sub> B <sub>3</sub> Ga		2-Dimethyl-2-galla-arachno-tetraborane(10)

### **Element System C -N -...**

No	Hill Formula	Structure Formula	Name
<a href="#">324</a>	C <sub>2</sub> NP	N≡C–C≡P	Phosphinidyneacetonitrile
<a href="#">325</a>	C <sub>2</sub> N <sub>2</sub>	N≡C–C≡N	Dicyan
<a href="#">326</a>	C <sub>2</sub> N <sub>2</sub> O	N≡C–C≡N–O	Cyanogen fulminate
<a href="#">327</a>	C <sub>2</sub> N <sub>2</sub> O <sub>5</sub>	N <sub>2</sub> O · 2CO <sub>2</sub>	Carbon dioxide – dinitrogen monoxide (2/1)
<a href="#">328</a>	C <sub>2</sub> N <sub>2</sub> S		Sulfur dicyanide

### **Element System C -O -...**

No	Hill Formula	Structure Formula	Name
<a href="#">329</a>	C <sub>2</sub> O <sub>2</sub>	(CO) <sub>2</sub>	Carbon monoxide dimer
<a href="#">330</a>	C <sub>2</sub> O <sub>2</sub> S <sub>2</sub>	CO <sub>2</sub> · CS <sub>2</sub>	Carbon dioxide – carbon disulfide (1/1)

### **Element System C -S -...**

No	Hill Formula	Structure Formula	Name
<a href="#">331</a>	C <sub>2</sub> SSi	S=C=C=Si	2-ThioxoethenylidenesilanediyI

### **Element System C -Y -...**

No	Hill Formula	Structure Formula	Name
<a href="#">332</a>	C <sub>2</sub> Y	YC <sub>2</sub>	Yttrium dicarbide