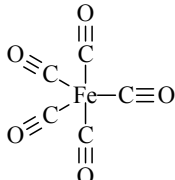


## Structure Data of Free Polyatomic Molecules

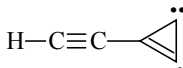
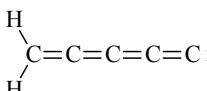
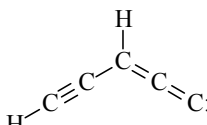
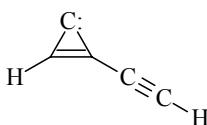
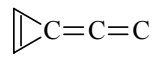
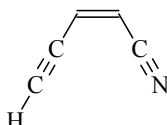
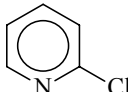
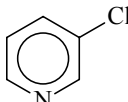
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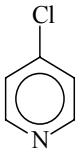

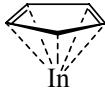


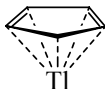
#### Molecules containing 5 Carbon Atoms

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


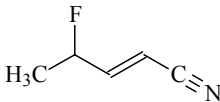

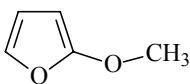
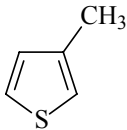

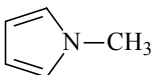
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<a href="#">617</a>	C <sub>5</sub> FeO <sub>5</sub>		Pentacarbonyliron

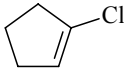
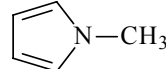
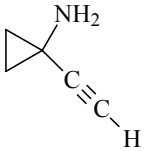
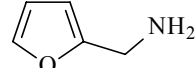
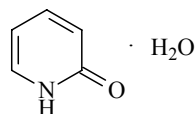
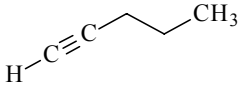
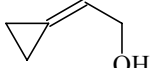
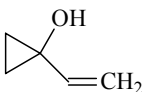
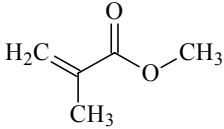
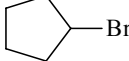
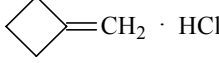
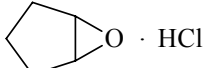
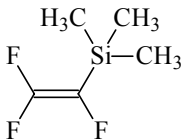
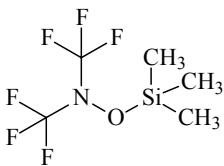
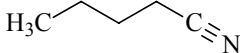
##### Element System C -H -... with 1 to 5 Hydrogen Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">618</a>	C <sub>5</sub> H		3-Ethynyl-3-cyclopropen-1-yl-2-ylidene
<a href="#">619</a>	C <sub>5</sub> HF <sub>3</sub>	F <sub>3</sub> C-C≡C-C≡CH	5,5,5-Trifluoro-1,3-pentadiyne
<a href="#">620</a>	C <sub>5</sub> H <sub>2</sub>		1,2,3,4-Pentatetraenylidene
<a href="#">621</a>	C <sub>5</sub> H <sub>2</sub>		1,2-Pentadien-4-yn-1-ylidene
<a href="#">622</a>	C <sub>5</sub> H <sub>2</sub>		2-Ethynyl-2-cyclopropen-1-ylidene
<a href="#">623</a>	C <sub>5</sub> H <sub>2</sub>		2-(Cyclopropen-1-ylidene)ethenylidene
<a href="#">624</a>	C <sub>5</sub> H <sub>3</sub> N		(2Z)-2-Penten-4-ynenitrile
<a href="#">625</a>	C <sub>5</sub> H <sub>4</sub> ClN		2-Chloropyridine
<a href="#">626</a>	C <sub>5</sub> H <sub>4</sub> ClN		3-Chloropyridine

No.	Hill Formula	Structure Formula	Name
<a href="#">627</a>	C <sub>5</sub> H <sub>4</sub> ClN		4-Chloropyridine
<a href="#">628</a>	C <sub>5</sub> H <sub>4</sub> OS	OCS · 2(HC≡CH)	Carbonyl sulfide – ethyne (1/2)
<a href="#">629</a>	C <sub>5</sub> H <sub>4</sub> O <sub>2</sub>	 · CO	Furan – carbon monoxide (1/1)
<a href="#">630</a>	C <sub>5</sub> H <sub>5</sub> In		Cyclopentadienylindium(I)
<a href="#">631</a>	C <sub>5</sub> H <sub>5</sub> NNe	 · Ne	Pyridine – neon (1/1)
<a href="#">632</a>	C <sub>5</sub> H <sub>5</sub> NO <sub>3</sub> S	 · SO <sub>3</sub>	Pyridine – sulfur trioxide (1/1)
<a href="#">633</a>	C <sub>5</sub> H <sub>5</sub> Tl		Cyclopentadienylthallium(I)

### Element System C -H -... with 6 to 10 Hydrogen Atoms

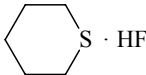
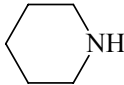
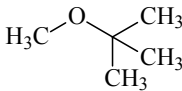
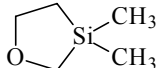
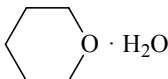
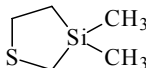
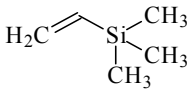
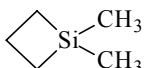
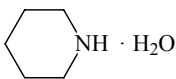
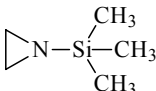
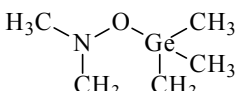
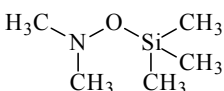
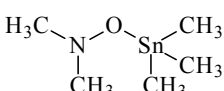
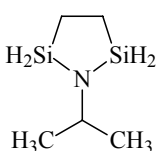
No.	Hill Formula	Structure Formula	Name
<a href="#">634</a>	C <sub>5</sub> H <sub>6</sub> ClN	 · HCl	Pyridine – hydrogen chloride (1/1)
<a href="#">635</a>	C <sub>5</sub> H <sub>6</sub> FN		Trans-1-Cyano-3-fluorobut-1-ene
<a href="#">636</a>	C <sub>5</sub> H <sub>6</sub> FN	 · HF	Pyridine – hydrogen fluoride (1/1)
<a href="#">637</a>	C <sub>5</sub> H <sub>6</sub> O <sub>2</sub>		2-Methoxyfuran
<a href="#">638</a>	C <sub>5</sub> H <sub>6</sub> S		3-Methylthiophene
<a href="#">639</a>	C <sub>5</sub> H <sub>7</sub> ArN	 · Ar	N-Methyl-1H-pyrrole – argon (1/1)
<a href="#">640</a>	C <sub>5</sub> H <sub>7</sub> Ar <sub>2</sub> N	 · 2Ar	N-Methyl-1H-pyrrole – argon (1/2)

No.	Hill Formula	Structure Formula	Name
<a href="#">641</a>	C <sub>5</sub> H <sub>7</sub> Cl		1-Chlorocyclopentene
<a href="#">642</a>	C <sub>5</sub> H <sub>7</sub> N		1-Methyl-1H-pyrrole
<a href="#">643</a>	C <sub>5</sub> H <sub>7</sub> N		1-Amino-1-ethynylcyclopropane
<a href="#">644</a>	C <sub>5</sub> H <sub>7</sub> NO		2-Furanmethanamine
<a href="#">645</a>	C <sub>5</sub> H <sub>7</sub> NO <sub>2</sub>	 · H <sub>2</sub> O	2-Pyridinone – water (1/1)
<a href="#">646</a>	C <sub>5</sub> H <sub>8</sub>		1-Pentyne
<a href="#">647</a>	C <sub>5</sub> H <sub>8</sub> O		2-Cyclopropylideneethanol
<a href="#">648</a>	C <sub>5</sub> H <sub>8</sub> O		1-Ethenylcyclopropan-1-ol
<a href="#">649</a>	C <sub>5</sub> H <sub>8</sub> O <sub>2</sub>		Methyl 2-methyl-2-propenoate
<a href="#">650</a>	C <sub>5</sub> H <sub>9</sub> Br		Bromocyclopentane
<a href="#">651</a>	C <sub>5</sub> H <sub>9</sub> Cl	 · HCl	Methylenecyclobutane – hydrogen chloride (1/1)
<a href="#">652</a>	C <sub>5</sub> H <sub>9</sub> ClO	 · HCl	6-Oxabicyclo[3.1.0]hexane – hydrogen chloride (1/1)
<a href="#">653</a>	C <sub>5</sub> H <sub>9</sub> F <sub>3</sub> Si		Trifluoro(trimethylsilyl)ethene
<a href="#">654</a>	C <sub>5</sub> H <sub>9</sub> F <sub>6</sub> NOSi		1,1,1,1',1'-Hexafluoro-N-(trimethylsilyloxy)dimethylamine
<a href="#">655</a>	C <sub>5</sub> H <sub>9</sub> N		Butyl cyanide

No.	Hill Formula	Structure Formula	Name
<a href="#">656</a>	C <sub>5</sub> H <sub>9</sub> N		1-Amino-1-ethenylcyclopropane
<a href="#">657</a>	C <sub>5</sub> H <sub>9</sub> NO		t-Butyl isocyanate
<a href="#">658</a>	C <sub>5</sub> H <sub>9</sub> NO		2-Piperidinone
<a href="#">659</a>	C <sub>5</sub> H <sub>9</sub> NO <sub>2</sub>		Proline
<a href="#">660</a>	C <sub>5</sub> H <sub>10</sub>		1-Pentene
<a href="#">661</a>	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub>		N,N-Diethylcyanamide
<a href="#">662</a>	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O		Prolinamide
<a href="#">663</a>	C <sub>5</sub> H <sub>10</sub> O		3-Pentanone
<a href="#">664</a>	C <sub>5</sub> H <sub>10</sub> O		Tetrahydropyran
<a href="#">665</a>	C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>		Formic acid 1,1-dimethylethyl ester
<a href="#">666</a>	C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>		Tetrahydro-2-furanmethanol
<a href="#">667</a>	C <sub>5</sub> H <sub>10</sub> S		Pentamethylene sulfide

### **Element System C -H -... with more than 10 Hydrogen Atoms**

No.	Hill Formula	Structure Formula	Name
<a href="#">668</a>	C <sub>5</sub> H <sub>11</sub> ClO		Tetrahydro-2H-pyran – hydrogen chloride (1/1)
<a href="#">669</a>	C <sub>5</sub> H <sub>11</sub> ClS		Tetrahydro-2H-thiopyran – hydrogen chloride (1/1)
<a href="#">670</a>	C <sub>5</sub> H <sub>11</sub> FO		Tetrahydro-2H-pyran – hydrogen fluoride (1/1)

No.	Hill Formula	Structure Formula	Name
<a href="#">671</a>	C <sub>5</sub> H <sub>11</sub> FS		Tetrahydro-2H-thiopyran – hydrogen fluoride (1/1)
<a href="#">672</a>	C <sub>5</sub> H <sub>11</sub> N		Piperidine
<a href="#">673</a>	C <sub>5</sub> H <sub>12</sub> O		t-Butyl methyl ether
<a href="#">674</a>	C <sub>5</sub> H <sub>12</sub> OSi		3,3-Dimethyl-1-oxa-3-silacyclopentane
<a href="#">675</a>	C <sub>5</sub> H <sub>12</sub> O <sub>2</sub>		Tetrahydro-2H-pyran – water (1/1)
<a href="#">676</a>	C <sub>5</sub> H <sub>12</sub> SSi		3,3-Dimethyl-1-thia-3-silacyclopentane
<a href="#">677</a>	C <sub>5</sub> H <sub>12</sub> Si		Ethenyltrimethylsilane
<a href="#">678</a>	C <sub>5</sub> H <sub>12</sub> Si		1,1-Dimethyl-1-silacyclobutane
<a href="#">679</a>	C <sub>5</sub> H <sub>13</sub> NO		Piperidine – water (1/1)
<a href="#">680</a>	C <sub>5</sub> H <sub>13</sub> NSi		1-(Trimethylsilyl)aziridine
<a href="#">681</a>	C <sub>5</sub> H <sub>15</sub> As	As(CH <sub>3</sub> ) <sub>5</sub>	Pentamethylarsorane
<a href="#">682</a>	C <sub>5</sub> H <sub>15</sub> GeNO		N-Methyl-N-[(trimethylgermyl)oxy]methanamine
<a href="#">683</a>	C <sub>5</sub> H <sub>15</sub> NOSi		N-Methyl-N-[(trimethylsilyl)oxy]methanamine
<a href="#">684</a>	C <sub>5</sub> H <sub>15</sub> NOSn		N-Methyl-N-[(trimethylstannyl)oxy]methanamine
<a href="#">685</a>	C <sub>5</sub> H <sub>15</sub> NSi <sub>2</sub>		1-(1-Methylethyl)-1-aza-2,5-disilacyclopentane

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

No.	Hill Formula	Structure Formula	Name
<a href="#">686</a>	C <sub>5</sub> S	C=C=C=C=C=S	Pentacarbon monosulfide

## Molecules containing 6 Carbon Atoms

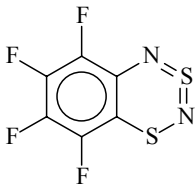
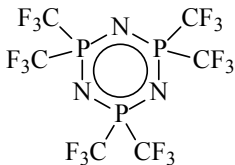
### Element System C -Ar-...

No.	Hill Formula	Structure Formula	Name
<a href="#">687</a>	C <sub>6</sub> ArCrO <sub>6</sub>	Cr(CO) <sub>6</sub> · Ar	Chromiumhexacarbonyl – argon (1/1)
<a href="#">688</a>	C <sub>6</sub> ArMoO <sub>6</sub>	Mo(CO) <sub>6</sub> · Ar	Molybdenumhexacarbonyl – argon (1/1)
<a href="#">689</a>	C <sub>6</sub> ArO <sub>6</sub> W	W(CO) <sub>6</sub> · Ar	Tungstenhexacarbonyl – argon (1/1)

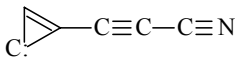
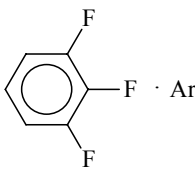
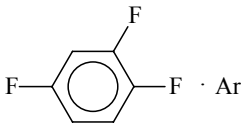
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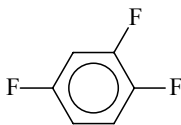
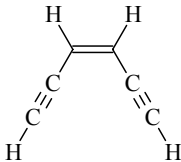
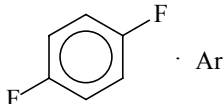
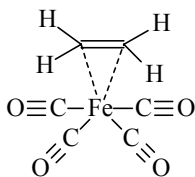
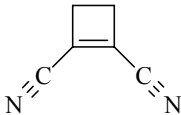
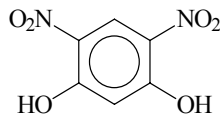
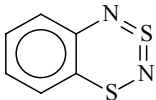
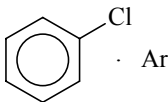
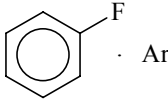
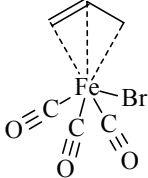
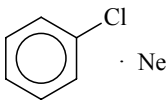
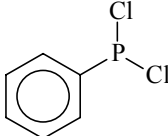
No.	Hill Formula	Structure Formula	Name
<a href="#">690</a>	C <sub>6</sub> CrKrO <sub>6</sub>	Cr(CO) <sub>6</sub> · Kr	Chromiumhexacarbonyl – krypton (1/1)
<a href="#">691</a>	C <sub>6</sub> CrO <sub>6</sub> Xe	Cr(CO) <sub>6</sub> · Xe	Chromiumhexacarbonyl – xenon (1/1)

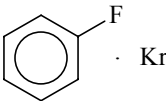
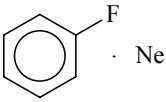
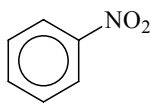
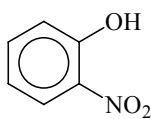
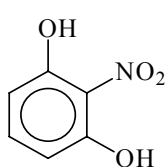
### Element System C -F -...

No.	Hill Formula	Structure Formula	Name
<a href="#">692</a>	C <sub>6</sub> F <sub>4</sub> N <sub>2</sub> S <sub>2</sub>		5,6,7,8-Tetrafluoro-1,3λ <sup>4</sup> 8 <sup>2</sup> ,2,4-benzodithiadiazine
<a href="#">693</a>	C <sub>6</sub> F <sub>18</sub> N <sub>3</sub> P <sub>3</sub>		2,2,4,4,6,6-Hexahydro-2,2,4,4,6,6-hexakis-(trifluoromethyl)-1,3,5,2,4,6-triazatriphosphorine


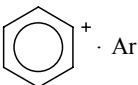
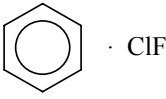
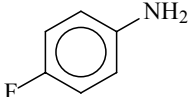
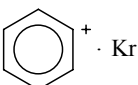
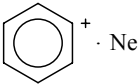
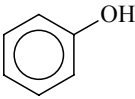
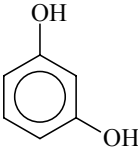
### Element System C -H -... with 1 to 5 Hydrogen Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">694</a>	C <sub>6</sub> HN		2-(Cyanoethynyl)-2-cyclopropen-1-ylidene
<a href="#">695</a>	C <sub>6</sub> H <sub>2</sub> <sup>+</sup>	H-C≡C-C≡C-C≡C-H <sup>+</sup>	Triacetylene cation
<a href="#">696</a>	C <sub>6</sub> H <sub>3</sub> ArF <sub>3</sub>		1,2,3-Trifluorobenzene – argon (1/1)
<a href="#">697</a>	C <sub>6</sub> H <sub>3</sub> ArF <sub>3</sub>		1,2,4-Trifluorobenzene – argon (1/1)

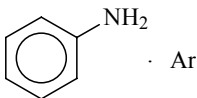
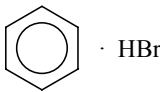
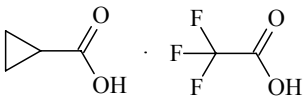
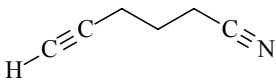
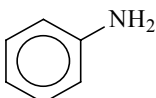
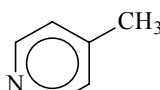
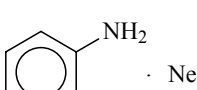
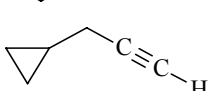
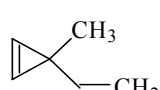
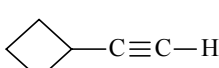


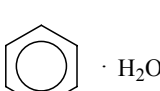
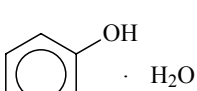
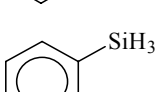
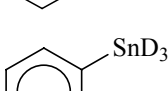
No.	Hill Formula	Structure Formula	Name
<a href="#">698</a>	C <sub>6</sub> H <sub>3</sub> F <sub>3</sub>		1,2,4-Trifluorobenzene
<a href="#">699</a>	C <sub>6</sub> H <sub>4</sub>		Cis-Hex-3-ene-1,5-diyne (1)
<a href="#">700</a>	C <sub>6</sub> H <sub>4</sub> ArF <sub>2</sub>		1,4-Difluorobenzene – argon (1/1)
<a href="#">701</a>	C <sub>6</sub> H <sub>4</sub> FeO <sub>4</sub>		Tetracarbonyl(η <sup>2</sup> -ethene)iron
<a href="#">702</a>	C <sub>6</sub> H <sub>4</sub> N <sub>2</sub>		1-Cyclobutene-1,2-dicarbonitrile
<a href="#">703</a>	C <sub>6</sub> H <sub>4</sub> N <sub>2</sub> O <sub>6</sub>		4,6-Dinitro-1,3-benzenediol
<a href="#">704</a>	C <sub>6</sub> H <sub>4</sub> N <sub>2</sub> S <sub>2</sub>		1,3λ <sup>4</sup> δ <sup>2</sup> ,2,4-Benzodithiadiazine
<a href="#">705</a>	C <sub>6</sub> H <sub>5</sub> ArCl		Chlorobenzene – argon (1/1)
<a href="#">706</a>	C <sub>6</sub> H <sub>5</sub> ArF		Fluorobenzene – argon (1/1)
<a href="#">707</a>	C <sub>6</sub> H <sub>5</sub> BrFeO <sub>3</sub>		η <sup>3</sup> -Allylbromotricarbonyliron
<a href="#">708</a>	C <sub>6</sub> H <sub>5</sub> ClNe		Chlorobenzene – neon (1/1)
<a href="#">709</a>	C <sub>6</sub> H <sub>5</sub> Cl <sub>2</sub> P		Phenylphosphonous dichloride

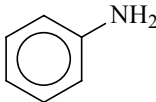
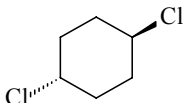
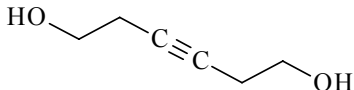
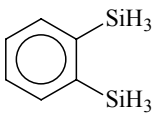
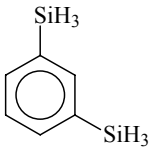

No.	Hill Formula	Structure Formula	Name
<a href="#">710</a>	C <sub>6</sub> H <sub>5</sub> FKr		Fluorobenzene – krypton (1/1)
<a href="#">711</a>	C <sub>6</sub> H <sub>5</sub> FNe		Fluorobenzene – neon (1/1)
<a href="#">712</a>	C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub>		Nitrobenzene
<a href="#">713</a>	C <sub>6</sub> H <sub>5</sub> NO <sub>3</sub>		2-Nitrophenol
<a href="#">714</a>	C <sub>6</sub> H <sub>5</sub> NO <sub>4</sub>		1,3-Dihydroxy-2-nitrobenzene

### **Element System C-H -... with 6 to 10 Hydrogen Atoms**



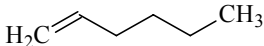
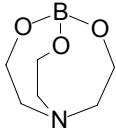
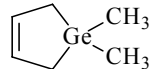
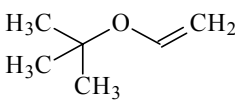
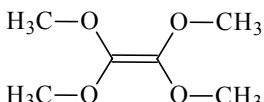
No.	Hill Formula	Structure Formula	Name
<a href="#">715</a>	C <sub>6</sub> H <sub>6</sub>		Benzene
<a href="#">716</a>	C <sub>6</sub> H <sub>6</sub> Ar <sup>+</sup>		Benzene cation – argon (1/1)
<a href="#">717</a>	C <sub>6</sub> H <sub>6</sub> ClF		Benzene – chlorine fluoride (1/1)
<a href="#">718</a>	C <sub>6</sub> H <sub>6</sub> FN		4-Fluoroaniline
<a href="#">719</a>	C <sub>6</sub> H <sub>6</sub> Kr <sup>+</sup>		Benzene cation – krypton (1/1)
<a href="#">720</a>	C <sub>6</sub> H <sub>6</sub> Ne <sup>+</sup>		Benzene cation – neon (1/1)
<a href="#">721</a>	C <sub>6</sub> H <sub>6</sub> O		Phenol
<a href="#">722</a>	C <sub>6</sub> H <sub>6</sub> O <sub>2</sub>		Resorcinol

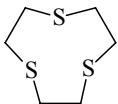
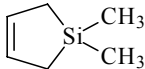
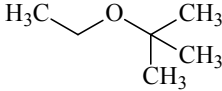
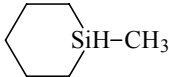

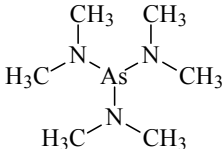
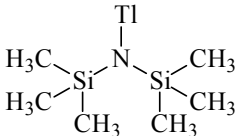
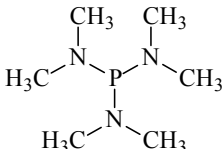
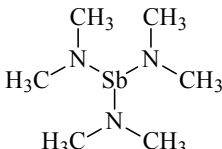
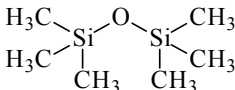
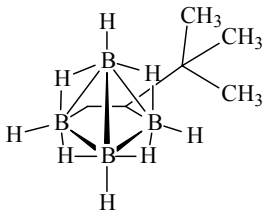
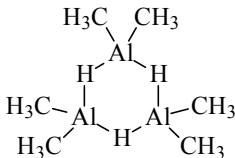


No.	Hill Formula	Structure Formula	Name
<a href="#">723</a>	C <sub>6</sub> H <sub>7</sub> ArN		Aniline – argon (1/1)
<a href="#">724</a>	C <sub>6</sub> H <sub>7</sub> Br		Benzene – hydrogen bromide (1/1)
<a href="#">725</a>	C <sub>6</sub> H <sub>7</sub> F <sub>3</sub> O <sub>4</sub>		Trifluoroacetic acid – cyclopropanecarboxylic acid (1/1)
<a href="#">726</a>	C <sub>6</sub> H <sub>7</sub> N		5-Hexynenitrile
<a href="#">727</a>	C <sub>6</sub> H <sub>7</sub> N		Benzenamine
<a href="#">728</a>	C <sub>6</sub> H <sub>7</sub> N		4-Methylpyridine
<a href="#">729</a>	C <sub>6</sub> H <sub>7</sub> NNe		Aniline – neon (1/1)
<a href="#">730</a>	C <sub>6</sub> H <sub>8</sub>		2-Propynylcyclopropane
<a href="#">731</a>	C <sub>6</sub> H <sub>8</sub>		3-Ethenyl-3-methylcyclopropene
<a href="#">732</a>	C <sub>6</sub> H <sub>8</sub>		Ethynylcyclobutane
<a href="#">733</a>	C <sub>6</sub> H <sub>8</sub>		1,3-Cyclohexadiene
<a href="#">734</a>	C <sub>6</sub> H <sub>8</sub>		1,4-Cyclohexadiene
<a href="#">735</a>	C <sub>6</sub> H <sub>8</sub> O		Benzene – water (1/1)
<a href="#">736</a>	C <sub>6</sub> H <sub>8</sub> O <sub>2</sub>		Phenol – water (1/1)
<a href="#">737</a>	C <sub>6</sub> H <sub>8</sub> Si		Phenylsilane
<a href="#">738</a>	C <sub>6</sub> H <sub>8</sub> Sn		Phenylstannane-d <sub>3</sub>

No.	Hill Formula	Structure Formula	Name
<a href="#">739</a>	C <sub>6</sub> H <sub>9</sub> NO	 · H <sub>2</sub> O	Aniline – water (1/1)
<a href="#">740</a>	C <sub>6</sub> H <sub>10</sub> Cl <sub>2</sub>		Trans-1,4-Dichlorocyclohexane
<a href="#">741</a>	C <sub>6</sub> H <sub>10</sub> O <sub>2</sub>		3-Hexyne-1,6-diol
<a href="#">742</a>	C <sub>6</sub> H <sub>10</sub> Si <sub>2</sub>		1,2-Phenylenebissilane
<a href="#">743</a>	C <sub>6</sub> H <sub>10</sub> Si <sub>2</sub>		1,3-Phenylenebissilane
<a href="#">744</a>	C <sub>6</sub> H <sub>10</sub> Si <sub>2</sub>		1,4-Phenylenebissilane

### **Element System C -H .... with more than 10 Hydrogen Atoms**

No.	Hill Formula	Structure Formula	Name
<a href="#">745</a>	C <sub>6</sub> H <sub>11</sub> ClO	 · HCl	7-Oxabicyclo[2.2.1]heptane – hydrogen chloride (1/1)
<a href="#">746</a>	C <sub>6</sub> H <sub>11</sub> FO	 · HF	7-Oxabicyclo[2.2.1]heptane – hydrogen fluoride (1/1)
<a href="#">747</a>	C <sub>6</sub> H <sub>12</sub>		1-Hexene
<a href="#">748</a>	C <sub>6</sub> H <sub>12</sub> BNO <sub>3</sub>		2,8,9-Trioxa-5-aza-1-borabicyclo[3.3.3]undecane
<a href="#">749</a>	C <sub>6</sub> H <sub>12</sub> Ge		1,1-Dimethylgermacyclopent-3-ene
<a href="#">750</a>	C <sub>6</sub> H <sub>12</sub> O		2-(Ethenyloxy)-2-methylpropane
<a href="#">751</a>	C <sub>6</sub> H <sub>12</sub> O <sub>4</sub>		Tetramethoxyethene

No.	Hill Formula	Structure Formula	Name
<a href="#">752</a>	C <sub>6</sub> H <sub>12</sub> S <sub>3</sub>		1,4,7-Trithiacyclononane
<a href="#">753</a>	C <sub>6</sub> H <sub>12</sub> Si		1,1-Dimethylsilacyclopent-3-ene
<a href="#">754</a>	C <sub>6</sub> H <sub>14</sub> O		t-Butyl ethyl ether
<a href="#">755</a>	C <sub>6</sub> H <sub>14</sub> Si		1-Methylsilacyclohexane
<a href="#">756</a>	C <sub>6</sub> H <sub>16</sub> Si <sub>2</sub>		1,1,3,3-Tetramethyl-1,3-disilacyclobutane
<a href="#">757</a>	C <sub>6</sub> H <sub>18</sub> AsN <sub>3</sub>		Tris(dimethylamino)arsine
<a href="#">758</a>	C <sub>6</sub> H <sub>18</sub> InN	(CH <sub>3</sub> ) <sub>3</sub> N · In(CH <sub>3</sub> ) <sub>3</sub>	(N,N-Dimethylmethanamine)trimethylindium
<a href="#">759</a>	C <sub>6</sub> H <sub>18</sub> NSi <sub>2</sub> Tl		Thallium bis(trimethylsilyl)amide
<a href="#">760</a>	C <sub>6</sub> H <sub>18</sub> N <sub>3</sub> P		Tris(dimethylamino)phosphine
<a href="#">761</a>	C <sub>6</sub> H <sub>18</sub> N <sub>3</sub> Sb		Tris(dimethylamino)stibine
<a href="#">762</a>	C <sub>6</sub> H <sub>18</sub> OSi <sub>2</sub>		Hexamethyldisiloxane
<a href="#">763</a>	C <sub>6</sub> H <sub>20</sub> B <sub>4</sub>		2,4[1-(1,1-Dimethylethyl)-1,2-ethanediyl]tetraborane(10)
<a href="#">764</a>	C <sub>6</sub> H <sub>21</sub> Al <sub>3</sub>		Tri-μ-hydrohexamethyltrialuminum

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

No.	Hill Formula	Structure Formula	Name
<a href="#">765</a>	C <sub>6</sub> KrMoO <sub>6</sub>	Mo(CO) <sub>6</sub> · Kr	Molybdenumhexacarbonyl – krypton (1/1)
<a href="#">766</a>	C <sub>6</sub> KrO <sub>6</sub> W	W(CO) <sub>6</sub> · Kr	Tungstenhexacarbonyl – krypton (1/1)

### Element System C -Mo-...

No.	Hill Formula	Structure Formula	Name
<a href="#">767</a>	C <sub>6</sub> MoO <sub>6</sub> Xe	Mo(CO) <sub>6</sub> · Xe	Molybdenumhexacarbonyl – xenon (1/1)

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

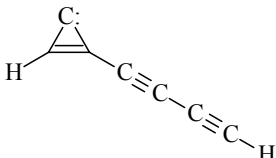
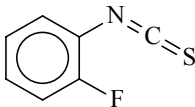
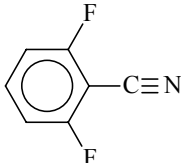
No.	Hill Formula	Structure Formula	Name
<a href="#">768</a>	C <sub>6</sub> O <sub>6</sub> WXe	W(CO) <sub>6</sub> · Xe	Tungstenhexacarbonyl – xenon (1/1)

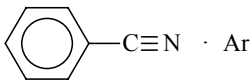
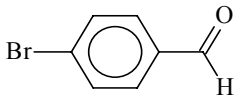
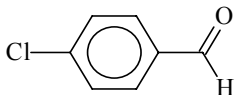
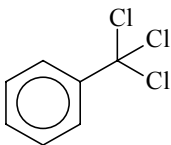
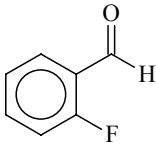
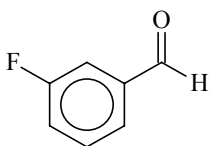
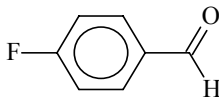
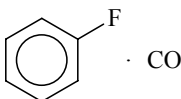
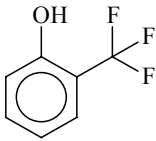
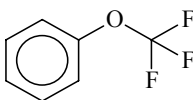
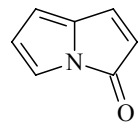
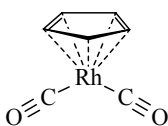
### Element System C -Si-...

No.	Hill Formula	Structure Formula	Name
<a href="#">769</a>	C <sub>6</sub> Si	C=C=C=C=C=C=Si	6-Silanetetrayl-1,2,3,4,5-hexapentaenyldiene

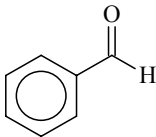
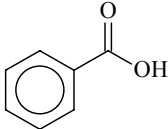
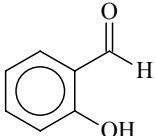
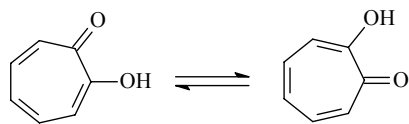
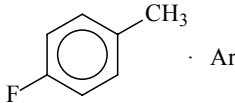
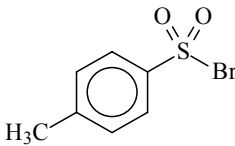
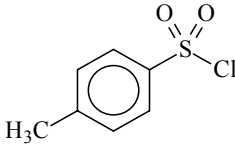
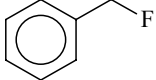
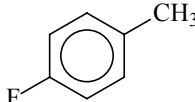
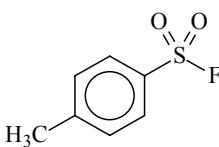
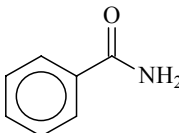
## Molecules containing 7 Carbon Atoms

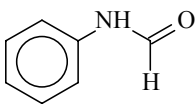
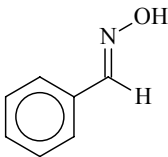
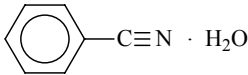
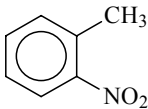
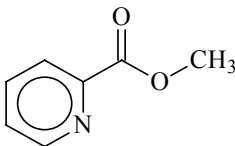
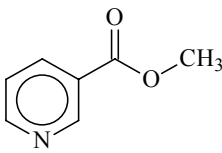
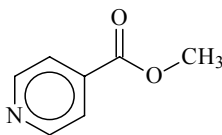
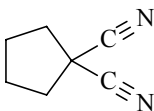
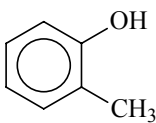
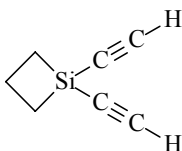
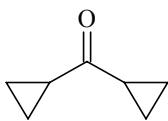
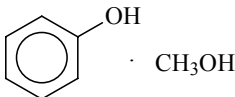
### Element System C -H -... with 1 to 5 Hydrogen Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">770</a>	C <sub>7</sub> HN	HC≡C–C≡C–C≡C–C≡N	1-Cyano-1,3,5-hexatriyne
<a href="#">771</a>	C <sub>7</sub> H <sub>2</sub>		2-(1,3-Butadiynyl)-2-cyclopropen-1-ylidene
<a href="#">772</a>	C <sub>7</sub> H <sub>4</sub> FNS		2-Fluorophenyl isothiocyanate
<a href="#">773</a>	C <sub>7</sub> H <sub>3</sub> F <sub>2</sub> N		2,6-Difluorobenzonitrile

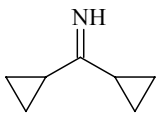
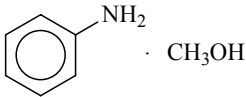
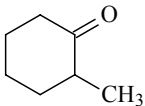
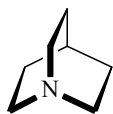
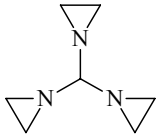

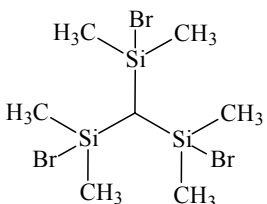
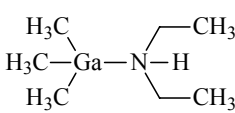
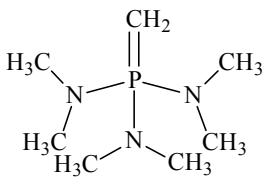
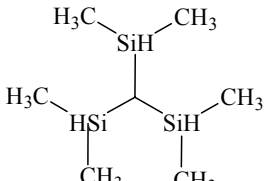
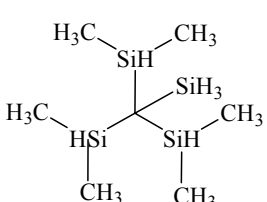
No.	Hill Formula	Structure Formula	Name
<a href="#">774</a>	C <sub>7</sub> H <sub>5</sub> ArN		Benzonitrile – argon (1/1)
<a href="#">775</a>	C <sub>7</sub> H <sub>5</sub> BrO		4-Bromobenzaldehyde
<a href="#">776</a>	C <sub>7</sub> H <sub>5</sub> ClO		4-Chlorobenzaldehyde
<a href="#">777</a>	C <sub>7</sub> H <sub>5</sub> Cl <sub>3</sub>		(Trichloromethyl)benzene
<a href="#">778</a>	C <sub>7</sub> H <sub>5</sub> FO		2-Fluorobenzaldehyde
<a href="#">779</a>	C <sub>7</sub> H <sub>5</sub> FO		3-Fluorobenzaldehyde
<a href="#">780</a>	C <sub>7</sub> H <sub>5</sub> FO		4-Fluorobenzaldehyde
<a href="#">781</a>	C <sub>7</sub> H <sub>5</sub> FO		Fluorobenzene – carbon monoxide (1/1)
<a href="#">782</a>	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> O		2-(Trifluoromethyl)phenol
<a href="#">783</a>	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> O		(Trifluoromethoxy)benzene
<a href="#">784</a>	C <sub>7</sub> H <sub>5</sub> NO		3H-Pyrrolizin-3-one
<a href="#">785</a>	C <sub>7</sub> H <sub>5</sub> O <sub>2</sub> Rh		Dicarbonyl(η <sup>5</sup> -2,4-cyclopentadien-1-yl)rhodium

## Element System C-H -... with 6 to 10 Hydrogen Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">786</a>	C <sub>7</sub> H <sub>6</sub> O		Benzaldehyde
<a href="#">787</a>	C <sub>7</sub> H <sub>6</sub> O <sub>2</sub>		Benzoic acid
<a href="#">788</a>	C <sub>7</sub> H <sub>6</sub> O <sub>2</sub>		2-Hydroxybenzaldehyde
<a href="#">789</a>	C <sub>7</sub> H <sub>6</sub> O <sub>2</sub>		Tropolone
<a href="#">790</a>	C <sub>7</sub> H <sub>7</sub> ArF	 · Ar	1-Fluoro-4-methylbenzene – argon (1/1)
<a href="#">791</a>	C <sub>7</sub> H <sub>7</sub> BrO <sub>2</sub> S		4-Methylbenzenesulfonyl bromide
<a href="#">792</a>	C <sub>7</sub> H <sub>7</sub> ClO <sub>2</sub> S		4-Methylbenzenesulfonyl chloride
<a href="#">793</a>	C <sub>7</sub> H <sub>7</sub> F		Benzyl fluoride
<a href="#">794</a>	C <sub>7</sub> H <sub>7</sub> F		1-Fluoro-4-methylbenzene
<a href="#">795</a>	C <sub>7</sub> H <sub>7</sub> FO <sub>2</sub> S		4-Methylbenzenesulfonyl fluoride
<a href="#">796</a>	C <sub>7</sub> H <sub>7</sub> NO		Benzamide

No.	Hill Formula	Structure Formula	Name
<a href="#">797</a>	C <sub>7</sub> H <sub>7</sub> NO		N-Phenylformamide
<a href="#">798</a>	C <sub>7</sub> H <sub>7</sub> NO		(E)-Benzaldehyde oxime
<a href="#">799</a>	C <sub>7</sub> H <sub>7</sub> NO		Benzonitrile – water
<a href="#">800</a>	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>		1-Methyl-2-nitrobenzene
<a href="#">801</a>	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>		2-Pyridinecarboxylic acid methyl ester
<a href="#">802</a>	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>		3-Pyridinecarboxylic acid methyl ester
<a href="#">803</a>	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>		Methyl isonicotinate
<a href="#">804</a>	C <sub>7</sub> H <sub>8</sub> N <sub>2</sub>		1,1-Cyclopentanedicarbonitrile
<a href="#">805</a>	C <sub>7</sub> H <sub>8</sub> O		2-Methylphenol
<a href="#">806</a>	C <sub>7</sub> H <sub>8</sub> Si		1,1-Diethynylsilacyclobutane
<a href="#">807</a>	C <sub>7</sub> H <sub>10</sub> O		Dicyclopropyl ketone
<a href="#">808</a>	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub>		Phenol – methanol (1/1)

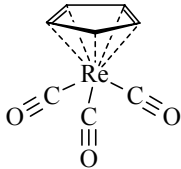
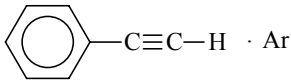
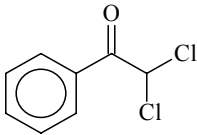
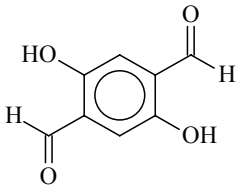
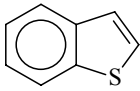
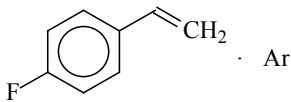
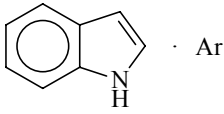
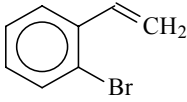
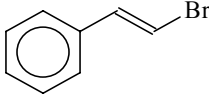
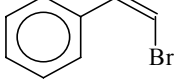
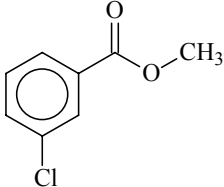
## Element System C-H -... with more than 10 Hydrogen Atoms

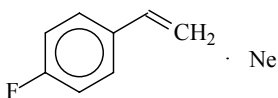
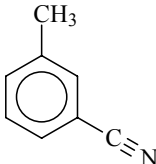
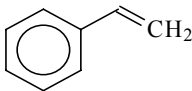
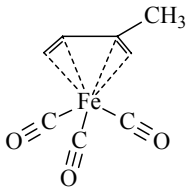
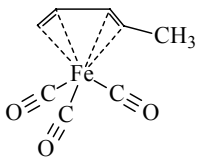
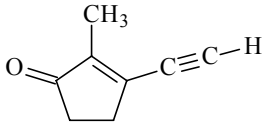
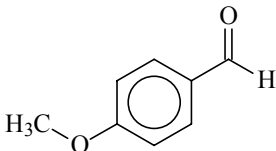
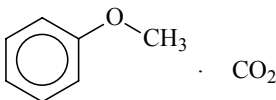
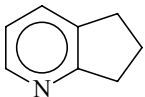
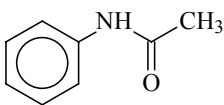
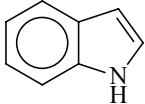
No.	Hill Formula	Structure Formula	Name
<a href="#">809</a>	C <sub>7</sub> H <sub>11</sub> N		(Dicyclopropylmethylene)amine
<a href="#">810</a>	C <sub>7</sub> H <sub>11</sub> NO		Aniline – methanol (1/1)
<a href="#">811</a>	C <sub>7</sub> H <sub>12</sub> O		2-Methylcyclohexanone
<a href="#">812</a>	C <sub>7</sub> H <sub>13</sub> N		1-Azabicyclo[2.2.2]octane
<a href="#">813</a>	C <sub>7</sub> H <sub>13</sub> N <sub>3</sub>		1,1',1''-Methylidynetrisaziridine
<a href="#">814</a>	C <sub>7</sub> H <sub>16</sub> Ge		1,1,3,3-Tetramethylgermetane
<a href="#">815</a>	C <sub>7</sub> H <sub>19</sub> Br <sub>3</sub> Si <sub>3</sub>		Methylidynetris(bromodimethylsilane)
<a href="#">816</a>	C <sub>7</sub> H <sub>20</sub> GaN		N-Ethylethanamine – trimethylgallium (1/1)
<a href="#">817</a>	C <sub>7</sub> H <sub>20</sub> N <sub>3</sub> P		N,N,N',N',N'',N''-Hexamethyl-1-methylenephosphanetriamine
<a href="#">818</a>	C <sub>7</sub> H <sub>22</sub> Si <sub>3</sub>		Methylidynetris(dimethylsilane)
<a href="#">819</a>	C <sub>7</sub> H <sub>24</sub> Si <sub>4</sub>		(Silylmethylidyne)tris(dimethylsilane)



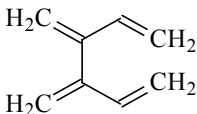
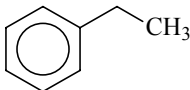
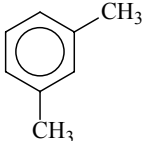
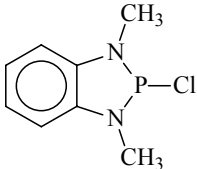
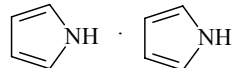
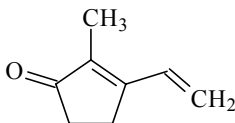
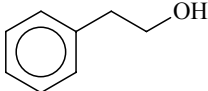
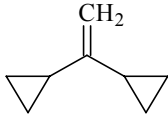
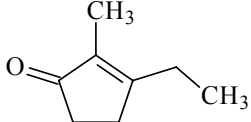
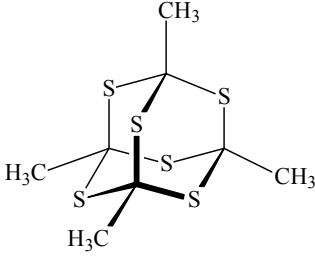
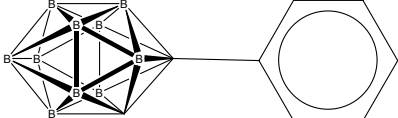
## Molecules containing 8 Carbon Atoms

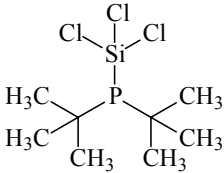
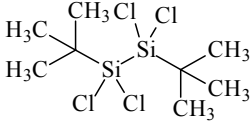
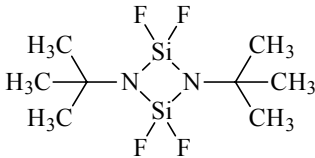
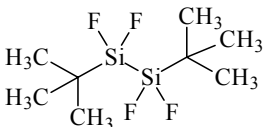
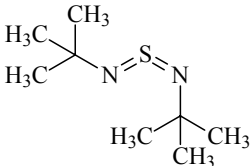
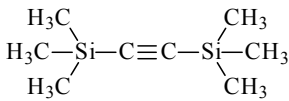
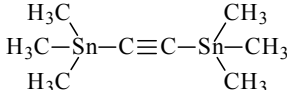
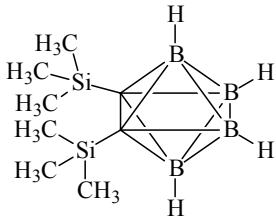
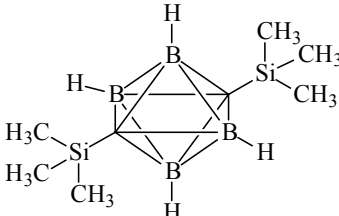
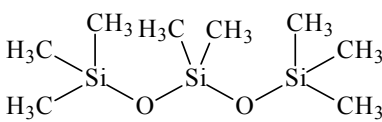
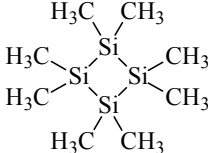
### Element System C-H .... with less than 10 Hydrogen Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">820</a>	C <sub>8</sub> H <sub>5</sub> O <sub>3</sub> Re		Tricarbonyl(η <sup>5</sup> -2,4-cyclopentadien-1-yl)rhenium
<a href="#">821</a>	C <sub>8</sub> H <sub>6</sub> Ar		Phenylacetylene – argon (1/1)
<a href="#">822</a>	C <sub>8</sub> H <sub>6</sub> Cl <sub>2</sub> O		2,2-Dichloro-1-phenylethanone
<a href="#">823</a>	C <sub>8</sub> H <sub>6</sub> O <sub>4</sub>		2,5-Dihydroxy-1,4-benzenedicarboxaldehyde
<a href="#">824</a>	C <sub>8</sub> H <sub>6</sub> S		Benzo[b]thiophene
<a href="#">825</a>	C <sub>8</sub> H <sub>7</sub> ArF		1-Ethenyl-4-fluorobenzene – argon (1/1)
<a href="#">826</a>	C <sub>8</sub> H <sub>7</sub> ArN		1H-Indole – argon (1/1)
<a href="#">827</a>	C <sub>8</sub> H <sub>7</sub> Br		1-Bromo-2-ethenylbenzene
<a href="#">828</a>	C <sub>8</sub> H <sub>7</sub> Br		(E)-(2-Bromoethenyl)benzene
<a href="#">829</a>	C <sub>8</sub> H <sub>7</sub> Br		(Z)-(2-Bromoethenyl)benzene
<a href="#">830</a>	C <sub>8</sub> H <sub>7</sub> ClO <sub>2</sub>		3-Chlorobenzoic acid methyl ester

No.	Hill Formula	Structure Formula	Name
<a href="#">831</a>	C <sub>8</sub> H <sub>7</sub> FNe	 · Ne	1-Ethenyl-4-fluorobenzene – neon (1/1)
<a href="#">832</a>	C <sub>8</sub> H <sub>7</sub> N		m-Methylbenzonitrile
<a href="#">833</a>	C <sub>8</sub> H <sub>8</sub>		Ethenylbenzene
<a href="#">834</a>	C <sub>8</sub> H <sub>8</sub> FeO <sub>3</sub>		Tricarbonyl(isoprene)iron
<a href="#">835</a>	C <sub>8</sub> H <sub>8</sub> FeO <sub>3</sub>		Tricarbonyl(trans-1,3-pentadiene)iron
<a href="#">836</a>	C <sub>8</sub> H <sub>8</sub> O		3-Ethynyl-2-methyl-2-cyclopenten-1-one
<a href="#">837</a>	C <sub>8</sub> H <sub>8</sub> O <sub>2</sub>		p-Methoxybenzaldehyde
<a href="#">838</a>	C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>	 · CO <sub>2</sub>	Methoxybenzene – carbon dioxide (1/1)
<a href="#">839</a>	C <sub>8</sub> H <sub>9</sub> N		2,3-Cyclopentenopyridine
<a href="#">840</a>	C <sub>8</sub> H <sub>9</sub> NO		Acetanilide
<a href="#">841</a>	C <sub>8</sub> H <sub>9</sub> NO	 · H <sub>2</sub> O	1H-Indole – water (1/1)

## Element System C -H -... with 10 or more Hydrogen Atoms

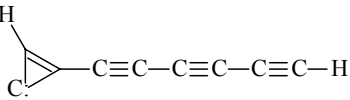
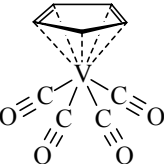
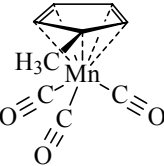
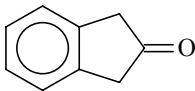
No.	Hill Formula	Structure Formula	Name
<a href="#">842</a>	C <sub>8</sub> H <sub>10</sub>		3,4-Bis(methylene)-1,5-hexadiene
<a href="#">843</a>	C <sub>8</sub> H <sub>10</sub>		Ethylbenzene
<a href="#">844</a>	C <sub>8</sub> H <sub>10</sub>		1,3-Dimethylbenzene
<a href="#">845</a>	C <sub>8</sub> H <sub>10</sub> ClN <sub>2</sub> P		2-Chloro-2,3-dihydro-1,3-dimethyl-1H-1,3,2-benzodiazaphosphole
<a href="#">846</a>	C <sub>8</sub> H <sub>10</sub> N <sub>2</sub>		1H-Pyrrole dimer
<a href="#">847</a>	C <sub>8</sub> H <sub>10</sub> O		3-Ethenyl-2-methyl-2-cyclopenten-1-one
<a href="#">848</a>	C <sub>8</sub> H <sub>10</sub> O		2-Phenylethanol
<a href="#">849</a>	C <sub>8</sub> H <sub>12</sub>		1,1'-Ethenylidenebiscyclopropane
<a href="#">850</a>	C <sub>8</sub> H <sub>12</sub> O		3-Ethyl-2-methyl-2-cyclopenten-1-one
<a href="#">851</a>	C <sub>8</sub> H <sub>12</sub> S <sub>6</sub>		1,3,5,7-Tetramethyl-2,4,6,8,9,10-hexathiatriacyclo-[3.3.1.1 <sup>3,7</sup> ]decane
<a href="#">852</a>	C <sub>8</sub> H <sub>16</sub> B <sub>10</sub>		1-Phenyl-1,2-dicarba-closo-dodecaborane(12)

No.	Hill Formula	Structure Formula	Name
<a href="#">853</a>	C <sub>8</sub> H <sub>18</sub> Cl <sub>3</sub> PSi		Di-t-butyl(trichlorosilyl)phosphine
<a href="#">854</a>	C <sub>8</sub> H <sub>18</sub> Cl <sub>4</sub> Si <sub>2</sub>		1,1,2,2-Tetrachloro-1,2-bis(1,1-dimethylethyl)disilane
<a href="#">855</a>	C <sub>8</sub> H <sub>18</sub> F <sub>4</sub> N <sub>2</sub> Si <sub>2</sub>		1,3-Bis(1,1-dimethylethyl)-2,2,4,4-tetrafluorocyclodisilazane
<a href="#">856</a>	C <sub>8</sub> H <sub>18</sub> F <sub>4</sub> Si <sub>2</sub>		1,2-Bis(1,1-dimethylethyl)-1,1,2,2-tetrafluorodisilane
<a href="#">857</a>	C <sub>8</sub> H <sub>18</sub> N <sub>2</sub> S		N,N'-Bis(1,1-dimethylethyl)sulfur diimide
<a href="#">858</a>	C <sub>8</sub> H <sub>18</sub> Si <sub>2</sub>		1,2-Ethynediylbis(trimethylsilane)
<a href="#">859</a>	C <sub>8</sub> H <sub>18</sub> Sn <sub>2</sub>		1,2-Ethynediylbis(trimethylstannane)
<a href="#">860</a>	C <sub>8</sub> H <sub>22</sub> B <sub>4</sub> Si <sub>2</sub>		Closo-1,2-Bis(trimethylsilyl)-1,2-dicarbaheptaborane(6)
<a href="#">861</a>	C <sub>8</sub> H <sub>22</sub> B <sub>4</sub> Si <sub>2</sub>		Closo-1,6-Bis(trimethylsilyl)-1,6-dicarbaheptaborane(6)
<a href="#">862</a>	C <sub>8</sub> H <sub>24</sub> O <sub>2</sub> Si <sub>3</sub>		Octamethyltrisiloxane
<a href="#">863</a>	C <sub>8</sub> H <sub>24</sub> Si <sub>4</sub>		Octamethylcyclotetrasilane

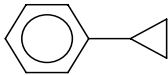
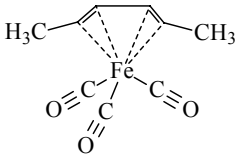
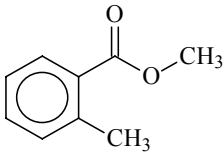
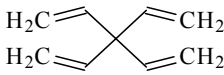
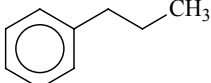
## Molecules containing 9 Carbon Atoms

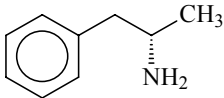
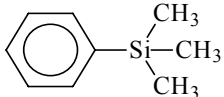
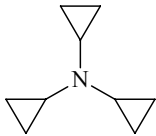
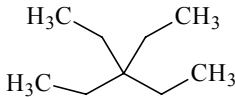
No.	Hill Formula	Structure Formula	Name
<a href="#">864</a>	C <sub>9</sub>	C=C=C=C=C=C=C=C=C	1,2,3,4,5,6,7,8-Nonaoctaene-1,9-diyldiene

## Element System C -H -... with less than 10 Hydrogen Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">865</a>	C <sub>9</sub> HN	HC≡C-C≡C-C≡C-C≡C-C≡N	1-Cyano-1,3,5,7-octatetrayne
<a href="#">866</a>	C <sub>9</sub> H <sub>2</sub>		2-(1,3,5-Hexatriynyl)-2-cyclopropen-1-ylidene
<a href="#">867</a>	C <sub>9</sub> H <sub>5</sub> O <sub>4</sub> V		Cyclopentadienyltetracarbonylvandadium
<a href="#">868</a>	C <sub>9</sub> H <sub>7</sub> MnO <sub>3</sub>		Methylcyclopentadienyl(tricarbonyl)manganese
<a href="#">869</a>	C <sub>9</sub> H <sub>8</sub> O		2-Indanone

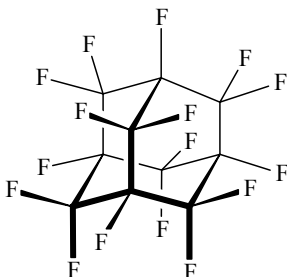
## Element System C -H -... with 10 or more Hydrogen Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">870</a>	C <sub>9</sub> H <sub>10</sub>		Cyclopropylbenzene
<a href="#">871</a>	C <sub>9</sub> H <sub>10</sub> FeO <sub>3</sub>		Tricarbonyl(trans,trans-2,4-hexadiene)iron
<a href="#">872</a>	C <sub>9</sub> H <sub>10</sub> O <sub>2</sub>		2-Methylbenzoic acid methyl ester
<a href="#">873</a>	C <sub>9</sub> H <sub>12</sub>		3,3-Diethenyl-1,4-pentadiene
<a href="#">874</a>	C <sub>9</sub> H <sub>12</sub>		Propylbenzene

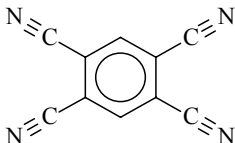

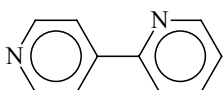
No.	Hill Formula	Structure Formula	Name
<a href="#">875</a>	C <sub>9</sub> H <sub>13</sub> N		Amphetamine
<a href="#">876</a>	C <sub>9</sub> H <sub>14</sub> Si		Trimethylphenylsilane
<a href="#">877</a>	C <sub>9</sub> H <sub>15</sub> N		N,N-Dicyclopropylcyclopropanamine
<a href="#">878</a>	C <sub>9</sub> H <sub>20</sub>		3,3-Diethylpentane

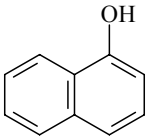
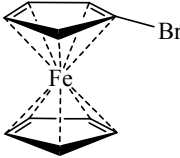
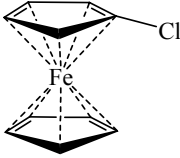
## Molecules containing 10 Carbon Atoms

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

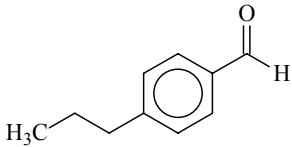
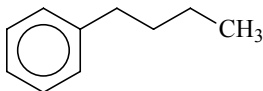
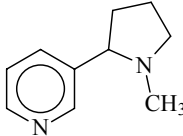
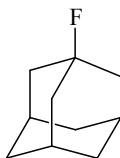
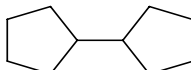
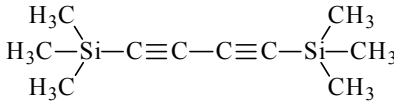
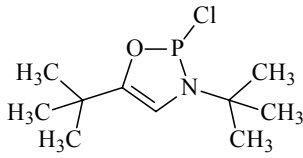
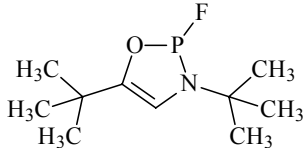
No.	Hill Formula	Structure Formula	Name
<a href="#">879</a>	C <sub>10</sub> F <sub>16</sub>		Hexadecafluorotricyclo[3.3.1.1 <sup>3,7</sup> ]decane

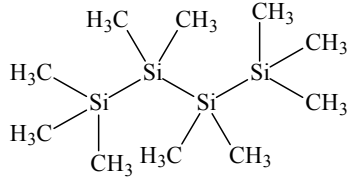
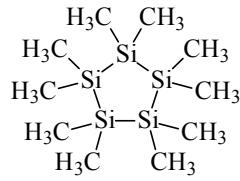
### Element System C -H -... with less than 10 Hydrogen Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">880</a>	C <sub>10</sub> H <sub>2</sub> N <sub>4</sub>		1,2,4,5-Benzenetetracarbonitrile
<a href="#">881</a>	C <sub>10</sub> H <sub>6</sub>		1,4-Diethynylbenzene
<a href="#">882</a>	C <sub>10</sub> H <sub>8</sub> N <sub>2</sub>		2,4'-Dipyridyl

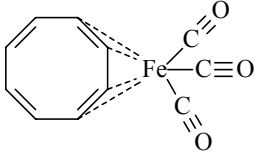
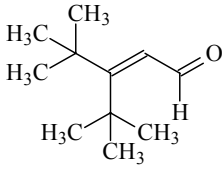
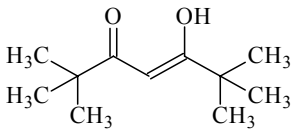
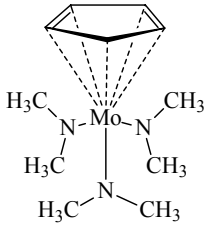
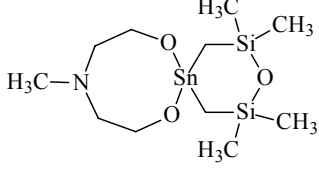
No.	Hill Formula	Structure Formula	Name
<a href="#">883</a>	C <sub>10</sub> H <sub>8</sub> O		1-Hydroxynaphthalene
<a href="#">884</a>	C <sub>10</sub> H <sub>9</sub> BrFe		Bromoferrocene
<a href="#">885</a>	C <sub>10</sub> H <sub>9</sub> ClFe		Chloroferrocene

### **Element System C -H -... with 10 or more Hydrogen Atoms**

No.	Hill Formula	Structure Formula	Name
<a href="#">886</a>	C <sub>10</sub> H <sub>12</sub> O		p-Propylbenzaldehyde
<a href="#">887</a>	C <sub>10</sub> H <sub>14</sub>		Butylbenzene
<a href="#">888</a>	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub>		3-(1-Methyl-2-pyrrolidinyl)pyridine
<a href="#">889</a>	C <sub>10</sub> H <sub>15</sub> F		1-Fluoroadamantane
<a href="#">890</a>	C <sub>10</sub> H <sub>18</sub>		1,1'-Bicyclopentyl
<a href="#">891</a>	C <sub>10</sub> H <sub>18</sub> Si <sub>2</sub>		1,3-Butadiyne-1,4-diylbis(trimethylsilane)
<a href="#">892</a>	C <sub>10</sub> H <sub>19</sub> ClNOP		3,5-Di-t-butyl-2-chloro-2,3-dihydro-[1,3,2]oxazaphosphole
<a href="#">893</a>	C <sub>10</sub> H <sub>19</sub> FNOP		3,5-Bis(1,1-dimethylethyl)-2-fluoro-2,3-dihydro-1,3,2-oxazaphosphole

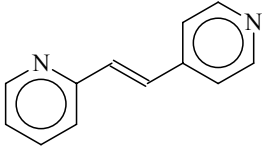
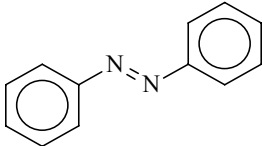
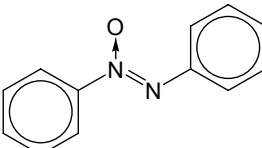
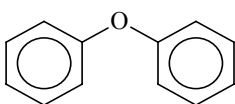
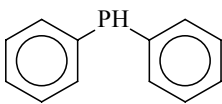
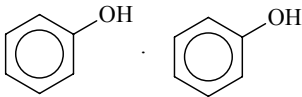
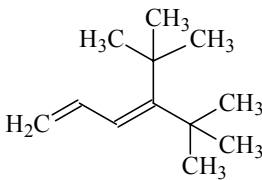
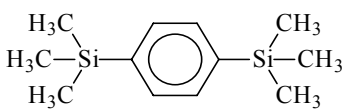
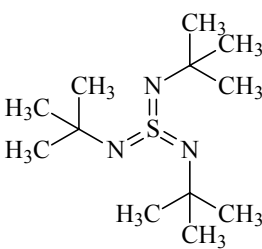
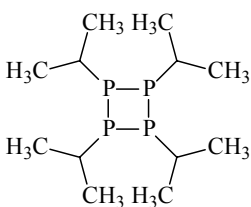
No.	Hill Formula	Structure Formula	Name
<a href="#">894</a>	C <sub>10</sub> H <sub>27</sub> GaSi <sub>3</sub>	GaC(Si(CH <sub>3</sub> ) <sub>3</sub> ) <sub>3</sub>	[Tris(trimethylsilyl)methyl]gallium
<a href="#">895</a>	C <sub>10</sub> H <sub>30</sub> Si <sub>4</sub>		Decamethyltetrasilane
<a href="#">896</a>	C <sub>10</sub> H <sub>30</sub> Si <sub>5</sub>		Decamethylcyclopentasilane

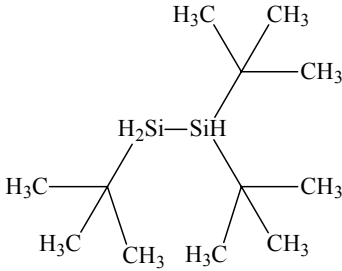
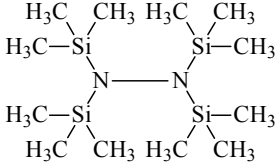
### Molecules containing 11 Carbon Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">897</a>	C <sub>11</sub> HN	HC≡C-C≡C-C≡C-C≡C-C≡C-C≡N	1-Cyano-1,3,5,7,9-decapentayne
<a href="#">898</a>	C <sub>11</sub> H <sub>8</sub> FeO <sub>3</sub>		Tricarbonyl[(1,2,3,4-η)-1,3,5,7-cyclooctatetraene]iron
<a href="#">899</a>	C <sub>11</sub> H <sub>20</sub> O		3-(1,1-Dimethylethyl)-4,4-dimethyl-2-pentenal
<a href="#">900</a>	C <sub>11</sub> H <sub>20</sub> O <sub>2</sub>		(4Z)-5-Hydroxy-2,2,6,6-tetramethyl-4-hepten-3-one
<a href="#">901</a>	C <sub>11</sub> H <sub>23</sub> MoN <sub>3</sub>		(η <sup>5</sup> -2,4-Cyclopentadien-1-yl)tris(N-methylmethan-aminato)molybdenum
<a href="#">902</a>	C <sub>11</sub> H <sub>27</sub> NO <sub>3</sub> Si <sub>2</sub> Sn		2,2,4,4,10-Pentamethyl-3,7,13-trioxa-10-aza-2,4-disila-6-stannaspiro[5.7]tridecane

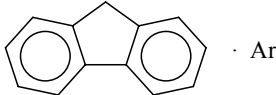
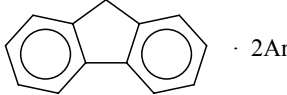
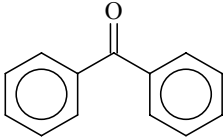
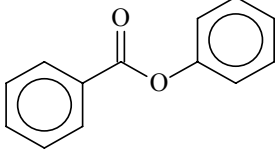
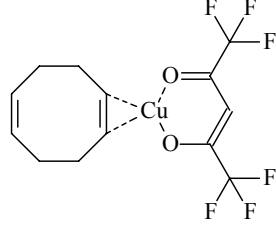
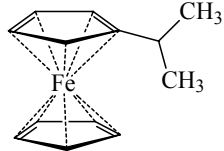
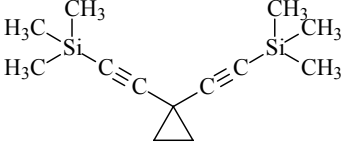


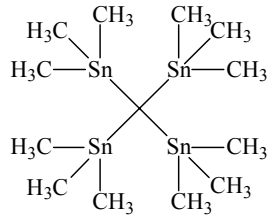
## Molecules containing 12 Carbon Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">903</a>	C <sub>12</sub> H <sub>10</sub> N <sub>2</sub>		1-(2-Pyridyl)-2-(4-pyridyl)ethene
<a href="#">904</a>	C <sub>12</sub> H <sub>10</sub> N <sub>2</sub>		Trans-Azobenzene
<a href="#">905</a>	C <sub>12</sub> H <sub>10</sub> N <sub>2</sub> O		(Z)-Diphenyldiazene 1-oxide
<a href="#">906</a>	C <sub>12</sub> H <sub>10</sub> O		1,1'-Oxybisbenzene
<a href="#">907</a>	C <sub>12</sub> H <sub>11</sub> P		Diphenylphosphine
<a href="#">908</a>	C <sub>12</sub> H <sub>12</sub> O <sub>2</sub>		Phenol dimer
<a href="#">909</a>	C <sub>12</sub> H <sub>22</sub>		4-(1,1-Dimethylethyl)-5,5-dimethyl-1,3-hexadiene
<a href="#">910</a>	C <sub>12</sub> H <sub>22</sub> Si <sub>2</sub>		1,4-Phenylenebis(trimethylsilane)
<a href="#">911</a>	C <sub>12</sub> H <sub>27</sub> N <sub>3</sub> S		N,N',N''-Tris(1,1-dimethylethyl)sulfur triimide
<a href="#">912</a>	C <sub>12</sub> H <sub>28</sub> P <sub>4</sub>		Tetrakis(1-methylethyl)tetraphosphetane

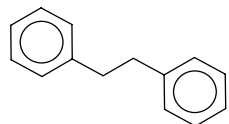
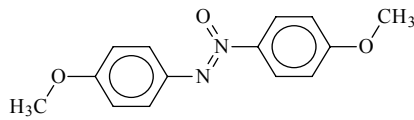
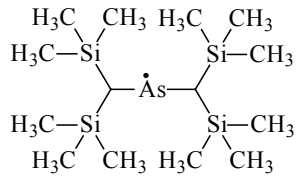
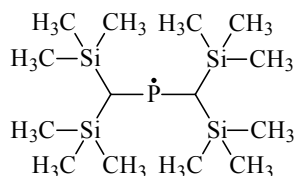
No.	Hill Formula	Structure Formula	Name
<a href="#">913</a>	C <sub>12</sub> H <sub>30</sub> Si <sub>2</sub>		1,1,2-Tris(1,1-dimethylethyl)disilane
<a href="#">914</a>	C <sub>12</sub> H <sub>36</sub> N <sub>2</sub> Si <sub>4</sub>		Tetrakis(trimethylsilyl)hydrazine

### Molecules containing 13 Carbon Atoms

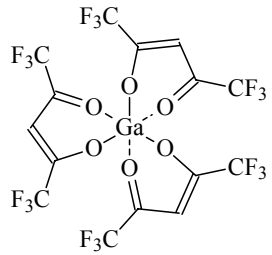
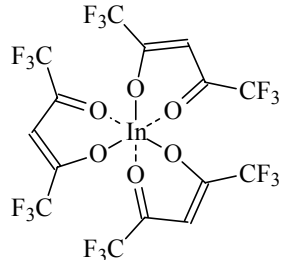
No.	Hill Formula	Structure Formula	Name
<a href="#">915</a>	C <sub>13</sub> H <sub>10</sub> Ar		9H-Fluorene – argon (1/1)
<a href="#">916</a>	C <sub>13</sub> H <sub>10</sub> Ar <sub>2</sub>		9H-Fluorene – argon (1/2)
<a href="#">917</a>	C <sub>13</sub> H <sub>10</sub> O		Benzophenone
<a href="#">918</a>	C <sub>13</sub> H <sub>10</sub> O <sub>2</sub>		Benzoic acid phenyl ester
<a href="#">919</a>	C <sub>13</sub> H <sub>13</sub> CuF <sub>6</sub> O <sub>2</sub>		[(1,2-η)-1,5-Cyclooctadiene](1,1,1,5,5,5-hexafluoro-2,4-pentanedionato-κO,κO')copper
<a href="#">920</a>	C <sub>13</sub> H <sub>16</sub> Fe		(1-Methylethyl)ferrocene
<a href="#">921</a>	C <sub>13</sub> H <sub>22</sub> Si <sub>2</sub>		(Cyclopropylidenedi-2,1-ethynediyl)bis-(trimethylsilane)

No.	Hill Formula	Structure Formula	Name
<a href="#">922</a>	C <sub>13</sub> H <sub>36</sub> Sn <sub>4</sub>		Tetrakis(trimethylstannyl)methane

### Molecules containing 14 Carbon Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">923</a>	C <sub>14</sub> H <sub>14</sub>		1,1'-(1,2-Ethanediyl)bisbenzene
<a href="#">924</a>	C <sub>14</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub>		(Z)-Bis(4-methoxyphenyl)diazene 1-oxide
<a href="#">925</a>	C <sub>14</sub> H <sub>38</sub> AsSi <sub>4</sub>		Bis[bis(trimethylsilyl)methyl]arsino
<a href="#">926</a>	C <sub>14</sub> H <sub>38</sub> PSi <sub>4</sub>		Bis[bis(trimethylsilyl)methyl]phosphino

### Molecules containing 15 Carbon Atoms

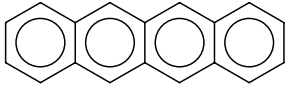
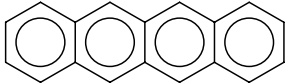
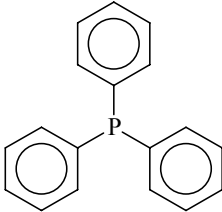
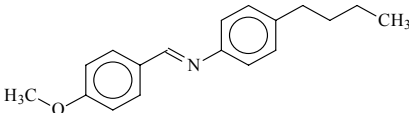
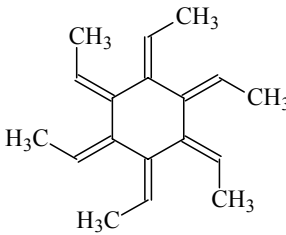
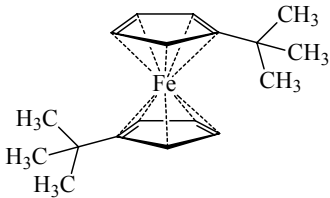
No.	Hill Formula	Structure Formula	Name
<a href="#">927</a>	C <sub>15</sub> H <sub>3</sub> F <sub>18</sub> GaO <sub>6</sub>		Tris(1,1,1,5,5,5-hexafluoro-2,4-pentanedionato-κO,κO')gallium
<a href="#">928</a>	C <sub>15</sub> H <sub>3</sub> F <sub>18</sub> InO <sub>6</sub>		Tris(1,1,1,5,5,5-hexafluoro-2,4-pentanedionato-κO,κO')indium

No.	Hill Formula	Structure Formula	Name
<a href="#">929</a>	C <sub>15</sub> H <sub>15</sub> F <sub>5</sub> Ru		1,2,3,4,5-Pentafluoro-1',2',3',4',5'-pentamethylruthenocene
<a href="#">930</a>	C <sub>15</sub> H <sub>21</sub> O <sub>6</sub> Sc		Tris(2,4-pentanedionato-κO,κO')scandium
<a href="#">931</a>	C <sub>15</sub> H <sub>30</sub> Sn <sub>3</sub>		1,3,5-Benzenetriyltris[trimethylstannane]

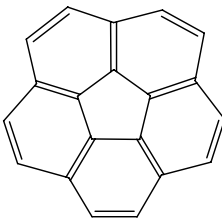
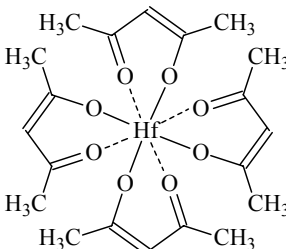
### Molecules containing 16 Carbon Atoms

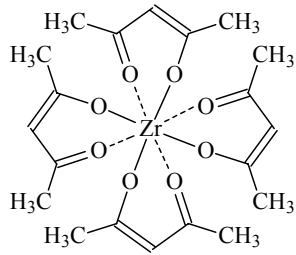
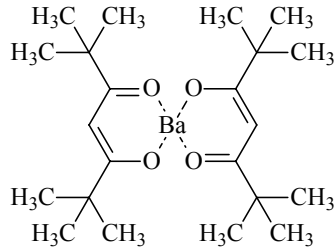
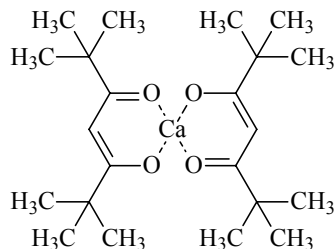
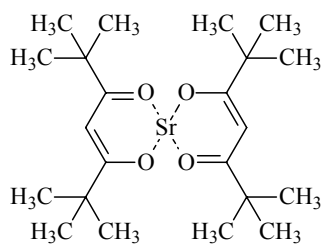
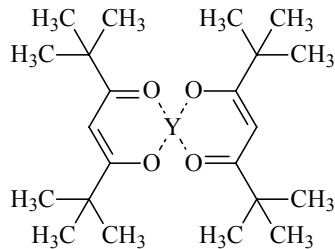
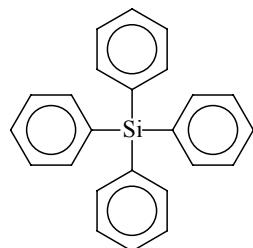
No.	Hill Formula	Structure Formula	Name
<a href="#">932</a>	C <sub>16</sub> H <sub>33</sub> N <sub>3</sub> Ti		Tris(N-methylmethanaminato)[(1,2,3,4,5-η)-1,2,3,4,5-pentamethyl-2,4-cyclopentadien-1-yl]titanium
<a href="#">933</a>	C <sub>16</sub> H <sub>33</sub> N <sub>3</sub> Zr		Tris(N-methylmethanaminato)[(1,2,3,4,5-η)-1,2,3,4,5-pentamethyl-2,4-cyclopentadien-1-yl]zirconium
<a href="#">934</a>	C <sub>16</sub> H <sub>36</sub> B <sub>4</sub>		Tetrakis(1,1-dimethylethyl)tetraborane(4)

## Molecules containing 18 Carbon Atoms

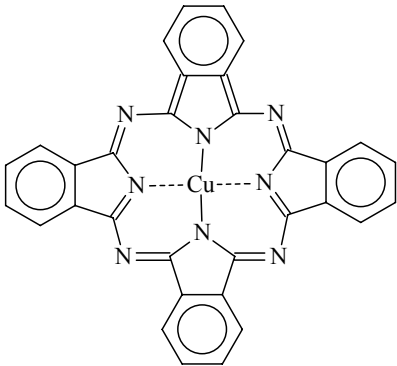
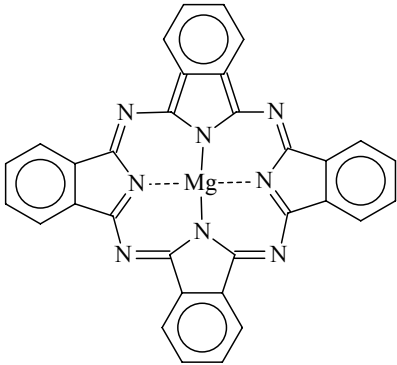
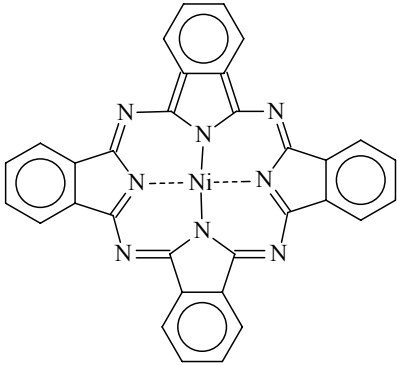
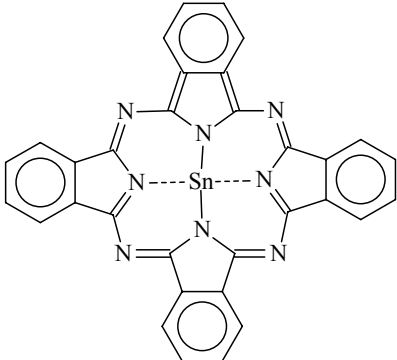
No.	Hill Formula	Structure Formula	Name
<a href="#">935</a>	$C_{18}H_{12}Ar$	 · Ar	Naphthacene – argon (1/1)
<a href="#">936</a>	$C_{18}H_{12}Kr$	 · Kr	Naphthacene – krypton (1/1)
<a href="#">937</a>	$C_{18}H_{15}P$		Triphenylphosphine
<a href="#">938</a>	$C_{18}H_{21}NO$		4-Butyl-N-[(4-methoxyphenyl)methylene]benzenamine
<a href="#">939</a>	$C_{18}H_{24}$		(All-E)-Hexaethylidenecyclohexane
<a href="#">940</a>	$C_{18}H_{26}Fe$		1,1'-Bis(1,1-dimethylethyl)ferrocene

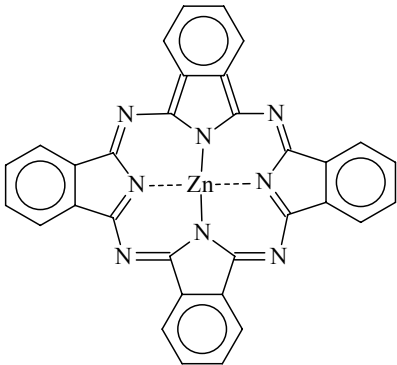
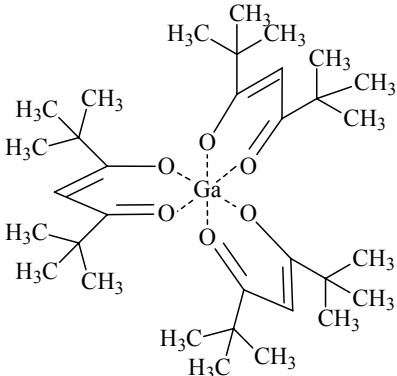
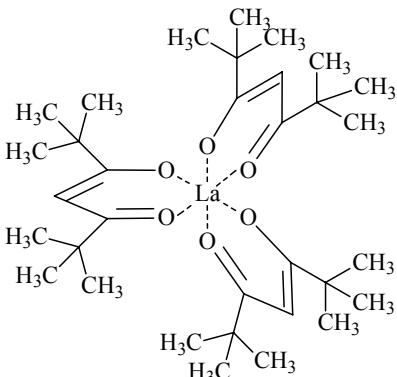
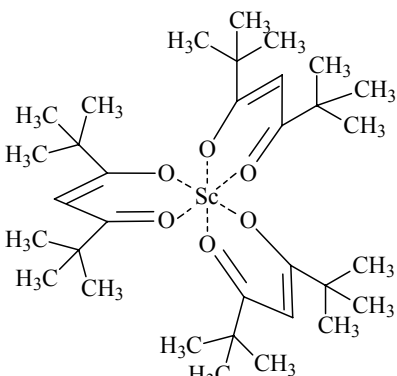
## Molecules containing 20 to 30 Carbon Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">941</a>	$C_{20}H_{10}$		Dibenzo[ghi,mno]fluoranthene
<a href="#">942</a>	$C_{20}H_{28}HfO_8$		Tetrakis(acetylacetonato)hafnium(IV)

No.	Hill Formula	Structure Formula	Name
<a href="#">943</a>	$C_{20}H_{28}O_8Zr$		Tetrakis(acetylacetonato)zirconium(IV)
<a href="#">944</a>	$C_{22}H_{38}BaO_4$		Bis(2,2,6,6-tetramethyl-3,5-heptanedionato-κO,κO')barium
<a href="#">945</a>	$C_{22}H_{38}CaO_4$		Bis(2,2,6,6-tetramethyl-3,5-heptanedionato-κO,κO')calcium
<a href="#">946</a>	$C_{22}H_{38}O_4Sr$		Bis(2,2,6,6-tetramethyl-3,5-heptanedionato-κO,κO')strontium
<a href="#">947</a>	$C_{22}H_{38}O_4Y$		Bis(2,2,6,6-tetramethyl-3,5-heptanedionato-O,O')yttrium
<a href="#">948</a>	$C_{24}H_{20}Si$		Tetraphenylsilane

## Molecules containing more than 30 Carbon Atoms

No.	Hill Formula	Structure Formula	Name
<a href="#">949</a>	$C_{32}H_{16}CuN_8$		Phthalocyaninatocopper(II)
<a href="#">950</a>	$C_{32}H_{16}MgN_8$		[29H,31H-Phthalocyaninato- $\kappa N^{29}$ , $\kappa N^{30}$ , $\kappa N^{31}$ , $\kappa N^{32}$ ]-magnesium
<a href="#">951</a>	$C_{32}H_{16}N_8Ni$		Phthalocyaninatonicel(II)
<a href="#">952</a>	$C_{32}H_{16}N_8Sn$		[29H,31H-Phthalocyaninato- $\kappa N^{29}$ , $\kappa N^{30}$ , $\kappa N^{31}$ , $\kappa N^{32}$ ]tin

No.	Hill Formula	Structure Formula	Name
<a href="#">953</a>	C <sub>32</sub> H <sub>16</sub> N <sub>8</sub> Zn		[29H,31H-Phthalocyaninato-κN <sup>29</sup> ,κN <sup>30</sup> ,κN <sup>31</sup> ,κN <sup>32</sup> ]zinc
<a href="#">954</a>	C <sub>33</sub> H <sub>57</sub> GaO <sub>6</sub>		Tris(2,2,6,6-tetramethyl-3,5-heptanedionato-κO,κO')gallium
<a href="#">955</a>	C <sub>33</sub> H <sub>57</sub> LaO <sub>6</sub>		Tris(2,2,6,6-tetramethyl-3,5-heptanedionato-κO,κO')lanthanum
<a href="#">956</a>	C <sub>33</sub> H <sub>57</sub> O <sub>6</sub> Sc		Tris(2,2,6,6-tetramethyl-3,5-heptanedionato-κO,κO')scandium(III)
<a href="#">957</a>	C <sub>70</sub>	C <sub>70</sub>	[5,6]Fullerene-C <sub>70</sub> -D <sub>5h</sub>