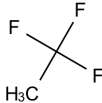
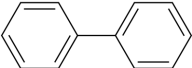
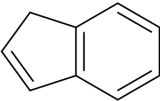


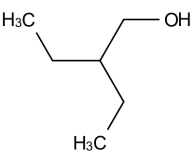
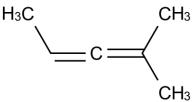
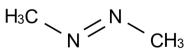
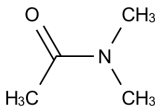
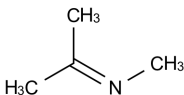
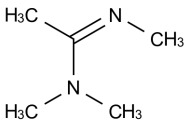
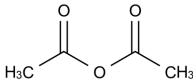
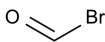
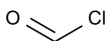
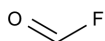

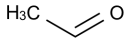
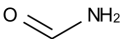

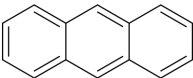
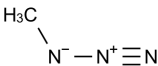

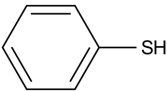
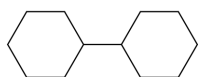


# Functional Groups Global Chem

2D Molecule	SMILES
	<chem>CC(F)(F)F</chem>
	<chem>C1(C2=CC=CC=C2)=CC=CC=C1</chem>
	<chem>C1(CC=C2)=C2C=CC=C1</chem>
	<chem>[NH]1CCCC1</chem>
	<chem>CC#CC</chem>
	<chem>CCC(CC)CO</chem>
	<chem>CC=C=C(C)C</chem>

	<chem>C/N=N/C</chem>
	<chem>CC(N(C)C)=O</chem>
	<chem>C/C(C)=N/C</chem>
	<chem>C/C(N(C)C)=N/C</chem>
	<chem>CC(=O)OC(=O)C</chem>
	<chem>C(=O)Br</chem>
	<chem>C(=O)Cl</chem>
	<chem>C(=O)F</chem>

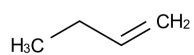
	<chem>C(=O)I</chem>
	<chem>CC=O</chem>
	<chem>C(=O)N</chem>
	<chem>*N</chem>
	<chem>C12=CC=CC=C1C=C3C(C=CC=C3)=C2</chem>
	<chem>C([N-][N+]#N)</chem>
	<chem>C1=CC=CC=C1</chem>
	<chem>C1=CC=C(C=C1)S</chem>



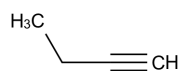
C1CCCCC1C1CCCCC1

HBr

Br



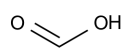
CCC=C



CCC#C

O=C=O

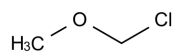
O=C=O





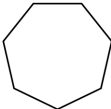
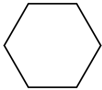
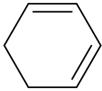

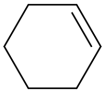

C(=O)O




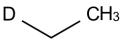
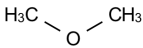
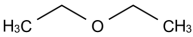
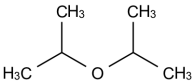
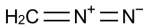
HCl

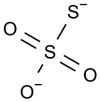
Cl


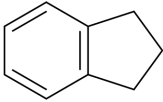
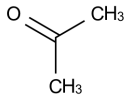


COCCl

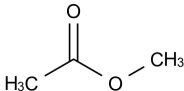
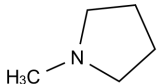
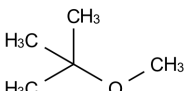
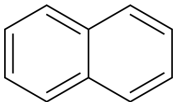
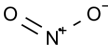
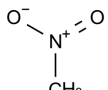
	<chem>C1=CC=C1</chem>
	<chem>C1CCC1</chem>
	<chem>C1CCCCC1</chem>
	<chem>C1CCCCC1</chem>
	<chem>C1=CCCC=C1</chem>
	<chem>C1=CCC=CC1</chem>
	<chem>C=1CCCCC=1</chem>
	<chem>C1CCCC1</chem>

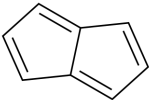
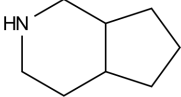
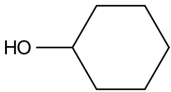

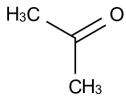
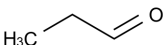
	<chem>C1=CCC=C1</chem>
	<chem>C1CC1</chem>
	<chem>C1=CC1</chem>
	<chem>[2H][CH2]C</chem>
	<chem>COC</chem>
	<chem>CCOCC</chem>
	<chem>CC(C)OC(C)C</chem>
Failed Rendering	<chem>C&amp;1&amp;1&amp;1&amp;1</chem>
	<chem>C=[N+]=[N-]</chem>

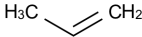
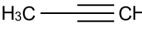
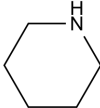
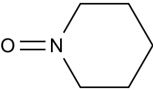


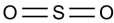
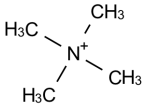
 $\text{NH}_4^+ \quad \text{NH}_4^+$	$[\text{NH}_4^+], [\text{NH}_4^+], [\text{O}-]\text{S}(=\text{O})(=\text{O})[\text{S}-]$
$\text{NH}_3$	$\text{N}$
$\text{H}_3\text{C} - \text{CH}_3$	$\text{CC}$
$\text{H}_3\text{C} - \text{CH}_2 - \text{SH}$	$\text{CCS}$
$\text{H}_3\text{C} - \text{CH}_2 - \text{OH}$	$\text{CCO}$
$\text{H}_2\text{C} = \text{CH}_2$	$\text{C}=\text{C}$
$\text{H}_3\text{C} - \text{O} - \text{CH}_3$	$\text{COC}$
$\text{O} = \text{CH} - \text{O} - \text{CH}_3$	$\text{C}(=\text{O})\text{OC}$

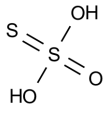
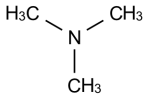
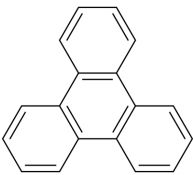
HF	F
$\text{H}_2\text{C}=\text{O}$	$\text{C}=\text{O}$
	<chem>C1OC=CC=1</chem>
Failed Rendering	<chem>C&amp;1&amp;1&amp;1</chem>
$\text{HC}\equiv\text{N}$	$\text{C}\equiv\text{N}$
$\text{HO}^-$	<chem>[OH-]</chem>
$\text{H}_2\text{N}-\text{OH}$	<chem>NO</chem>
	<chem>C1=CC=CC(CCC2)=C12</chem>
	<chem>CC(=O)C</chem>



CH <sub>4</sub>	C
H <sub>3</sub> C—SH	CS
	CC(OC)=O
	CN1CCCC1
	CC(C)(C)OC
	C12=CC=CC=C1C=CC=C2
	[N+](=O)[O-]
	C[N+](=[O-])=O

	<chem>C12=CC=CC1=CC=C2</chem>
	<chem>N1CC2CCCC2CC1</chem>
	<chem>OC1CCCCC1</chem>
	<chem>C=1(C=CC=CC1)</chem>
Failed Rendering	<chem>c1ccccc1C&amp;1&amp;1</chem>
<chem>H2O</chem>	<chem>O</chem>
<chem>NH3</chem>	<chem>N</chem>
	<chem>CC(C)=O</chem>
	<chem>CCC=O</chem>

	<chem>CC=C</chem>
	<chem>CC#C</chem>
	<chem>N1CCCCC1</chem>
	<chem>O=N1CCCCC1</chem>
	<chem>NC</chem>
	<chem>C12(CCCCC1)CCCCC2</chem>
	<chem>S(=O)(=O)</chem>
	<chem>C[N+](C)(C)C</chem>

$\text{H}_2\text{S}$	$\text{S}$
	$\text{OS}(=\text{O})(=\text{S})\text{O}$
	$\text{CN}(\text{C})\text{C}$
	$\text{C1}(\text{C}=\text{CC}=\text{C2})=\text{C2C}(\text{C}=\text{CC}=\text{C3})=\text{C3C4}=\text{C1C}=\text{CC}=\text{C4}$