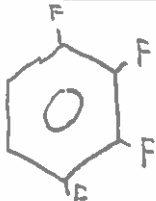
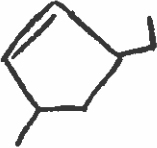

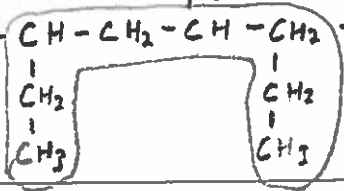



Name	Condensed Structural Formula	Family
3-methyl hex-1-yne	$\text{CH} \equiv \text{C} - \overset{\text{CH}_3}{\underset{ }{\text{CH}}} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	alkyne
propylmethanoate	$\text{H} - \overset{\text{O}}{\parallel}{\text{C}} - \text{O} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	ester
3-ethyl-4,5-difluorohexane	$\text{CH}_3 - \text{CH}_2 - \overset{\text{CH}_3}{\underset{\text{CH}_2}{ }{\text{C}}} - \overset{\text{F}}{\underset{ }{\text{C}}} - \overset{\text{F}}{\underset{ }{\text{C}}} - \text{CH}_3$	organic halide
4-methylhexan-2-ol	$\text{CH}_3 - \overset{\text{OH}}{\underset{ }{\text{C}}} - \text{CH}_2 - \overset{\text{CH}_3}{\underset{ }{\text{C}}} - \text{CH}_2 - \text{CH}_3$	alcohol
2,2,4-trimethyl pentane	$\text{CH}_3 - \overset{\text{CH}_3}{\underset{\text{CH}_3}{ }{\text{C}}} - \text{CH}_2 - \overset{\text{CH}_3}{\underset{ }{\text{C}}} - \text{CH}_3$	alkane
1,2,3,4-tetrafluorobenzene		aromatic organic halide
butane-1,2,3-triol	$\text{CH}_2 - \overset{\text{OH}}{\underset{ }{\text{C}}} - \overset{\text{OH}}{\underset{ }{\text{C}}} - \overset{\text{OH}}{\underset{ }{\text{C}}} - \text{CH}_3$	alcohol

Name	Condensed Structural Diagram	Family
3-ethyl-5-methyl cyclopentene		alkene
pentane-3,3-diol	$\text{CH}_3 - \text{CH}_2 - \underset{\text{OH}}{\overset{\text{OH}}{\text{C}}} - \text{CH}_2 - \text{CH}_3$	alcohol
2-chloro-4-phenyl pent-2-ene	$\text{CH}_3 - \overset{\text{Cl}}{\text{C}} = \text{CH} - \underset{\text{C}_6\text{H}_5}{\text{CH}} - \text{CH}_3$ 	aromatic organic halide
3,4,6-trimethyl octane	$\text{CH}_3 - \underset{\text{CH}_2}{\underset{\text{CH}_3}{\text{CH}}} - \text{CH}_2 - \overset{\text{CH}_3}{\text{CH}} - \text{CH}_2 - \text{CH}_3$ 	alkane
propanoic acid	$\text{CH}_3 - \text{CH}_2 - \overset{\text{O}}{\parallel} \text{C} - \text{OH}$	carboxylic acid
ethyl propanoate	$\text{CH}_3 - \text{CH}_2 - \text{O} - \overset{\text{O}}{\parallel} \text{C} - \text{CH}_2 - \text{CH}_3$	ester
2-bromo-2-chloro- 1-fluoro-3-methyl cyclobutane		organic halide