


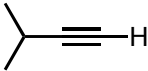
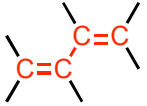
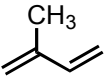
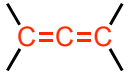
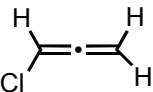
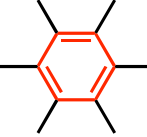

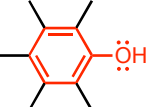
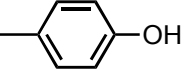
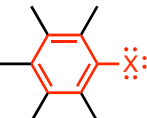
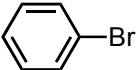



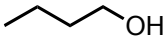

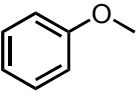
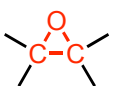
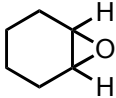
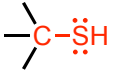
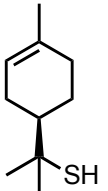


Functional Group (F.G.)	F. G. Class	Example	IUPAC Name	"Trivial" Name
	Alkene		cyclohexene	cyclohexene
	Alkyne		3-methylbut-1-yne	isopropyl acetylene
	1,3-Diene		2-methylbuta-1,3-diene	isoprene
	Allene		1-chloropropa-1,2-diene	chloroallene
	Arene		1,4-dimethylbenzene	<i>p</i> -xylene
	Phenol		4-methylphenol	<i>p</i> -cresol
	Aryl halide		bromobenzene	bromobenzene
	Alkyl halide		2-chloropropane	isopropyl chloride
	Alcohol		butan-1-ol	<i>n</i> -butanol
	Ether		methoxybenzene	anisole
	Epoxide		7-oxabicyclo[4.1.0]heptane	cyclohexene oxide
	Thiol		(<i>R</i>)-2-(4-methylcyclohex-3-enyl)propane-2-thiol	grapefruit thiol

Functional Group (F.G.)	F. G. Class	Example	IUPAC Name	"Trivial" Name
	Alkylamine		dimethylamine	dimethylamine
	Nitro		nitrobenzene	nitrobenzene
	Nitrile	$\text{H}_3\text{C}-\text{C}\equiv\text{N}$	ethanenitrile	acetonitrile
	Aldehyde		2-methylpropanal	isobutyraldehyde
	Ketone		1-phenylethanone	acetophenone
	Carboxylic Acid		2-fluoroethanoic acid	fluoroacetic acid
	Ester		tert-butyl ethanoate	tert-butyl acetate
	Amide		N,N-dimethylethanamide	N,N-dimethylacetamide
	Acid halide		2,2,2-trichloroethanoyl chloride	trichloroacetyl chloride
	Anhydride		ethanoic anhydride	acetic anhydride