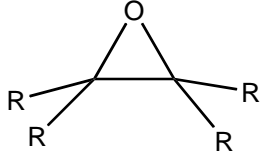
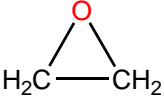
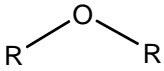
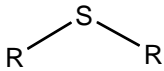
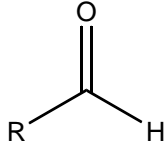
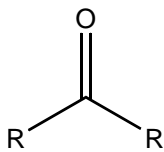
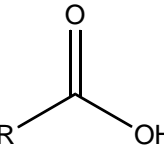
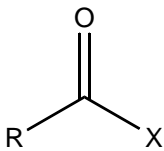
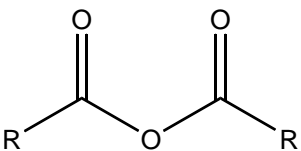
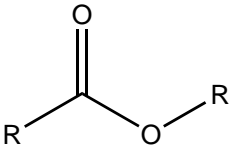
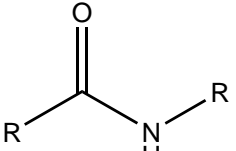


Class (functional group)	Generic formula	Example	Example name
Alcohol	$R-OH$	$CH_3CH_2CH_2OH$	propanol
Alkyl halide	$R-X$ X = F, Cl, Br, I	$CH_3CH_2CH_2Br$	propyl bromide
Amine	$R-NH_2$	$CH_3CH_2CH_2NH_2$	propanamine
Epoxide			oxirane
Ether		$CH_3CH_2CH_2OCH_2CH_2CH_3$	dipropyl ether
Nitrile	$R-C\equiv N$	$CH_3CH_2CH_2CN$	butanenitrile
Nitroalkane	$R-NO_2$	$CH_3CH_2CH_2NO_2$	nitropropane
Sulfide		$CH_3CH_2CH_2SCH_2CH_2CH_3$	dipropyl sulfide
Thiol	$R-SH$	$CH_3CH_2CH_2SH$	propanethiol
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Aldehyde		$CH_3CH_2CH=O$	propanal
Ketone		$CH_3CH_2COCH_2CH_3$	3-pentanone
Carboxylic acid		$CH_3CH_2COOH$	propanoic acid
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Acyl halide		$CH_3CH_2COCl$	propanoyl chloride
Acid anhydride		$CH_3CH_2COOCCH_2CH_3$	propanoic anhydride
Ester		$CH_3CH_2COCH_3$	methyl propanoate
Amide		$CH_3CH_2CN(CH_3)_2$	N,N-dimethylpropanamide