



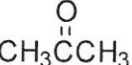
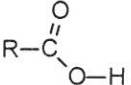
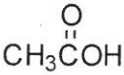
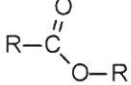
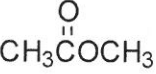
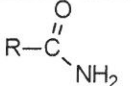
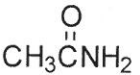






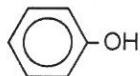
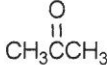
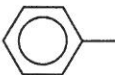
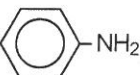
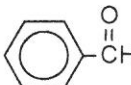

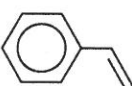


Organic Functional Group List

Functional Group	Compound	Prefix/Suffix	Example	IUPAC Name (Common Name)
R-H	alkane	-ane	CH ₃ CH ₃	ethane
	alkene	-ene	H ₂ C=CH ₂	ethene (ethylene)
—C≡C—	alkyne	-yne	HC≡CH	ethyne (acetylene)
R-X	haloalkane	halo-	CH ₃ Cl	chloromethane
R-OH	alcohol	-ol (hydroxy-)	CH ₃ OH	methanol
R-NH ₂	amine	-amine (amino-)	CH ₃ CH ₂ NH ₂	ethylamine aminoethane
R-O-R	ether	ether (alkoxy-)	CH ₃ OCH ₃	dimethyl ether
	aldehyde	-al		ethanal (acetaldehyde)
	ketone	-one		propanone (acetone)
	carboxylic acid	-oic acid		ethanoic acid (acetic acid)
	ester	-oate		methyl ethanoate (methyl acetate)
	amide	-amide		ethanamide (acetamide)

R = alkyl group, an unfunctionalized saturated chain; X = halogen

Organic Common Names

ethylene		formaldehyde		acetaldehyde	
acetylene	H—C≡C—H	formic acid		acetic acid	
benzene		phenol		acetone	
toluene		aniline		benzaldehyde	
xylene		styrene		benzoic acid	