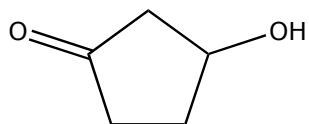


Naming Compounds with More Than One Functional Group

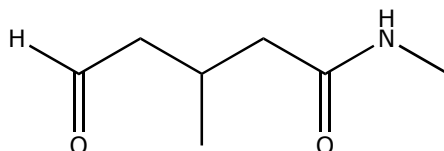
Groups are listed in order of decreasing priority for IUPAC nomenclature.

Functional Group	Main FG Ending	Substituent FG Name
Carboxylic Acid	-oic acid	-----
Ester	-oate	alkoxycarbonyl; or alkoxy and oxo
Amide	-amide	amido
Nitrile	-nitrile	cyano
Aldehyde	-al	oxo (if CHO in parent chain)
Aldehyde	-al	formyl (if CHO not part of parent chain)
Ketone	-one	oxo
Alcohol	-il	hydroxy
Amine	-amine	amino
Alkene	-ene	If C=C in parent, add main FG name to alkene name (minus ending e); otherwise alkenyl
Alkyne	-yne	add main FG name to alkyne name (minus ending e); otherwise alkynyl
Alkane	-ane	add main FG name to alkane name (minus ending e); otherwise alkyl
Ether		alkoxy
Halide		halo

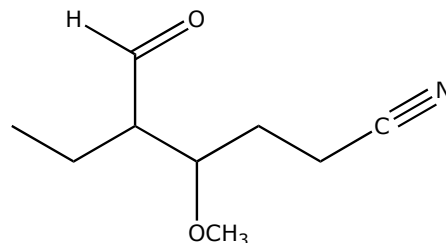
Examples



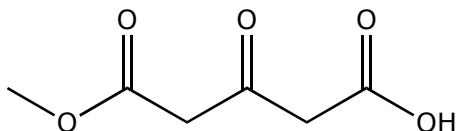
3-hydroxycyclopentanone



N,3-dimethyl-5-oxopentanamide

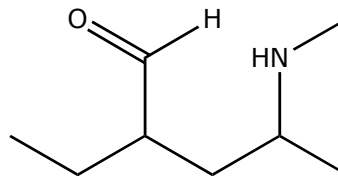


5-formyl-4-methoxyheptanenitrile



5-methoxycarbonyl-3-oxopentanoic acid

5-methoxy-3,5-dioxopentanoic acid



2-ethyl-4-(methylamino)pentanal