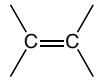
Common Functional Groups



alkene (olefin)

alkyne (acetylene)

(X = F, Cl, Br, I)

alkyl halide

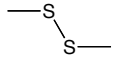
alcohol

ether

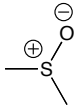
amine

thiol

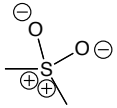
sulfide



disulfide



sulfoxide

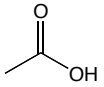


sulfone

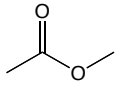
ketone

aldehyde

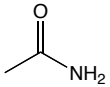
imine



carboxylic acid

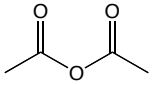


ester

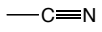


amide

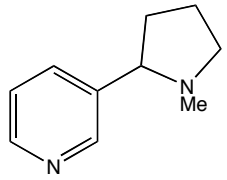
acid chloride

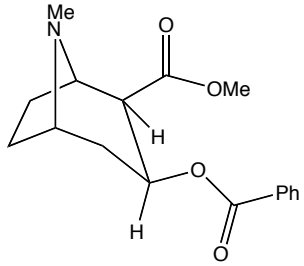


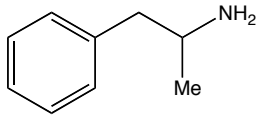
acid anhydride

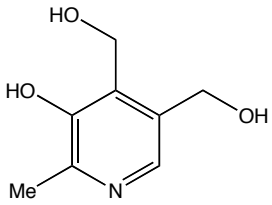


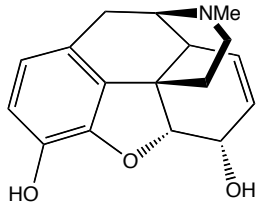
nitrile

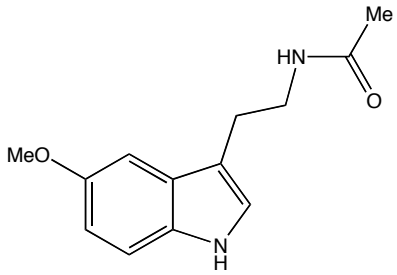

N
Me
N

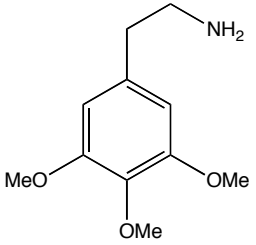

Me
N
O
OMe
H
O
Ph
H
O

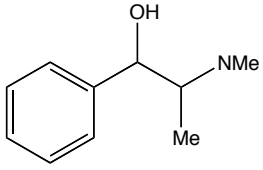

NH2
Me

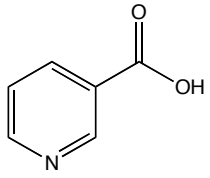

HO
HO
OH
Me
N

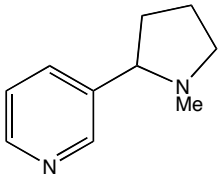

NMe
O
HO
OH


Me
HN
O
MeO
N
H

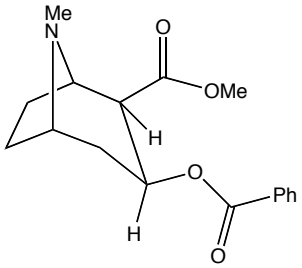

NH2
MeO
OMe
OMe


OH
NMe
Me

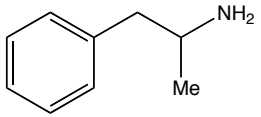

O
OH
N



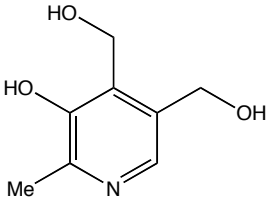
nicotine



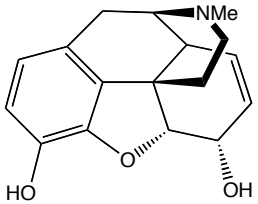
cocaine



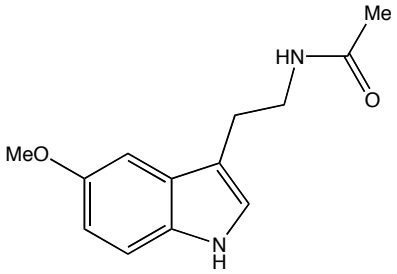
amphetamine



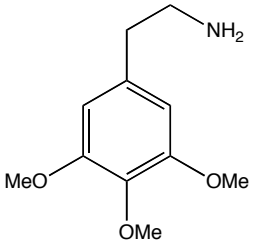
pyridoxine (vitamin B_6)



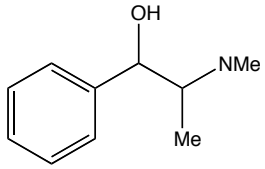
morphine



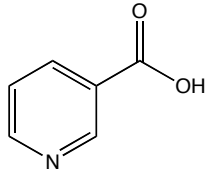
melatonin



mescaline



ephedrine



nicotinic acid (niacin)

an epoxide
(ethylene oxide)

tetrahydrofuran
(THF)

tetrahydropyran

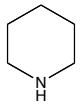
furan

pyran

aziridine

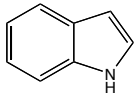
pyrolidine

pyrrole



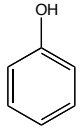
piperidine

pyridine

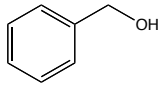


indole

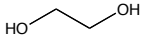
imidazole



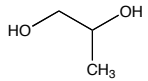
phenol



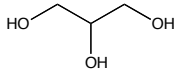
benzyl alcohol



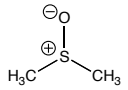
ethylene glycol



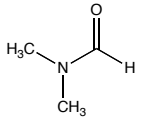
propylene glycol



glycerol
(glycerin)



dimethyl sulfoxide
(DMSO)



dimethylformamide
(DMF)