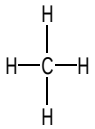
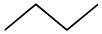
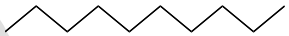
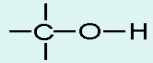
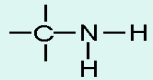
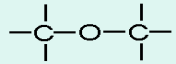
Formula	Prefix	Suffix	Name	Structure
CH_4	meth-	-ane	methane	
C_2H_6	eth-	-ane	ethane	
C_3H_8	prop-	-ane	propane	
C_4H_{10}	but-	-ane	butane	
C_5H_{12}	pent-	-ane	pentane	
C_6H_{14}	hex-	-ane	hexane	
C_7H_{16}	hept-	-ane	heptane	
C_8H_{18}	oct-	-ane	octane	
C_9H_{20}	non-	-ane	nonane	
$C_{10}H_{22}$	dec-	-ane	decane	

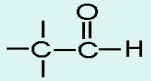
Organic Functional Groups: Summary - 1

C + H → Hydrocarbons  Hydrocarbons C-H

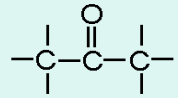
C + H + O → Alcohols  Alcohols C-OH

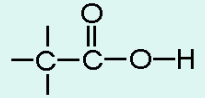
C + H + N → Amine  Amines C-NH_2

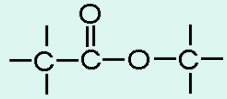
C + H + O → Ethers  Ethers C-O-C

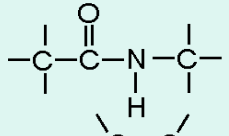
C + H + O → Aldehydes  Aldehydes HC=O

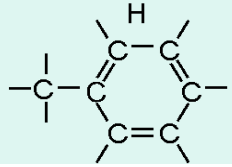
Organic Functional Groups: Summary - 2

C + H + O → Keytones  Keytones C_2=O

C + H + O → Organic Acids  Organic Acids C-C=O(OH)

C + H + O + C → Esters  Esters C-C=O(OC)

C + H + N + C → Amides  Amides C-C=O(NHC)

C + H → Aromatic Compounds  Aromatic C-C_6H_5