







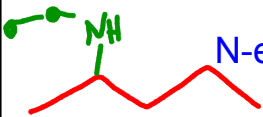




CHEMISTRY

HYDROCARBON REVIEW

HYDROCARBON	DEFINITION	EXAMPLE
Alkanes	A chain of carbons and hydrogens	 pentane
Alkenes	A chain of carbons with a double bond somewhere in the chain	 2-pentene
Alkynes	A chain of carbons with a triple bond somewhere in the chain	 2-pentyne
Alcohols	Functional group of hydroxide (OH) somewhere off the main chain	 2-pentanol
Ethers	An alkyl side chain connected to the main chain via an oxygen .	 2-ethoxypentane
Aldehydes	Functional group consisting of a double-bonded oxygen connected to C_1 .	 pentanal
Ketones	Functional group consisting of a double-bonded oxygen connected to main chain (not at an end)	 2-pentanone
Carboxylic Acids	Functional group consisting of a double-bonded oxygen and a hydroxide (OH) connected to C_1 .	 pentanoic acid
Amines	Functional group consisting of a nitrogen group (NH₂, NHR, NR₂) connected to the main chain.	 N-ethyl-2-pentanamine