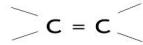


ORGANIC CHEMISTRY

NOMENCLATURE

Homologous Series	Prefix or Suffix	Functional Group	Example
nitris	<i>-nitrile</i>	$\text{-C}\equiv\text{N}$	propanenitile $\text{CH}_3\text{CH}_2\text{CN}$
amides	<i>-amide</i>		ethamide CH_3CONH_2
amines	<i>-amino</i>	-NH	aminomethane methylamine CH_3NH_2
ketones	<i>-one</i>		propanone CH_3COCH_3
aldehydes	<i>-al</i>		ethanal CH_3CHO
ethers	<i>alkoxy-</i>	-OR	methoxymethane CH_3OCH_3
alcohols	<i>-olhydroxyl-</i>	-OH	ethanol or hydroxyethane $\text{CH}_3\text{CH}_2\text{OH}$
alkenes	<i>-ene</i>		ethene C_2H_4
alkanes	<i>-ane</i>		ethane C_2H_6