




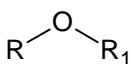


IUPAC Nomenclature of Organic Compounds

Stereochemistry	Substituents cited alphabetically with position indicated by their number on the parent carbon chain	Parent name of longest carbon chain with the highest ranking functional group	Suffix is determined by the highest ranking functional group
-----------------	---	--	---

#-stereochemistry-#-substituent-#-alk??-#-suffix

	Summary of Functional Groups - arranged by Priority in Nomenclature		
Increasing priority	Class	Suffix Name	Substituent Name
↑		Carboxylic acid	-oic acid
		Ester	-oate
		Amide	-amide
		Aldehyde	-al
		Ketone	-one
	R-OH	Alcohol	-ol
	R-SH	Sulfhydryl	-thiol
	R-NH2	Amine	-amine
	R2C=CR2	Alkene	-ene
	RC≡CR	Alkyne	-yne
	R	Alkane	-ane
		Ether	---
	R-X	Alkyl halide	---

The Homologous Series - The parent carbon chain

# C's	Suffix name	Substituent name
1	methane	methyl
2	ethane	ethyl
3	propane	propyl
4	butane	butyl
5	pentane	pentyl
6	hexane	hexyl
7	heptane	heptyl
8	octane	octyl
9	nonane	nonyl
10	decane	decyl