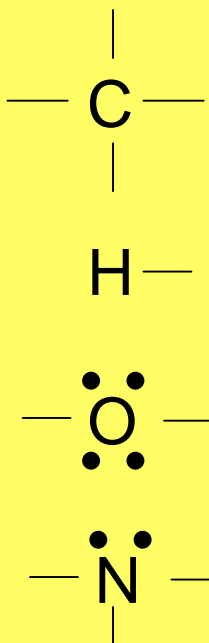


Organic Nomenclature: summary table

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Elements



of carbons

1	meth...
2	eth...
3	prop...
4	but...
5	pent...
6	hex...

Functional groups

Name	Structure	Suffix
alcohol	$\begin{array}{c} \\ - \text{C} - \text{O} - \text{H} \\ \quad \cdot \cdot \\ \quad \cdot \cdot \end{array}$...ol
aldehyde	$\begin{array}{c} \cdot \cdot \\ \text{C} = \text{O} \\ \quad \cdot \cdot \\ \text{H} \end{array}$...al
ketone	$\begin{array}{c} \cdot \cdot \quad \cdot \cdot \\ \text{O} \\ \\ \text{C} - \text{C} - \text{C} \end{array}$...one
carboxylic acid	$\begin{array}{c} \cdot \cdot \\ \text{C} = \text{O} \\ \quad \cdot \cdot \\ \cdot \cdot \\ \text{O} - \text{H} \\ \cdot \cdot \end{array}$...oic acid
ester	$\begin{array}{c} \cdot \cdot \\ \text{C} = \text{O} \\ \quad \cdot \cdot \\ \cdot \cdot \\ \text{O} - \text{R} \\ \cdot \cdot \end{array}$...yl ...oate

Type of carbon chain

open	
ring	cyclo...
branch	...yl

Type of carbon-carbon bonds

single	...ane
double	...ene
triple	...yne

Priority

↑	acid, CO ₂ H; ester
+	aldehyde, ketone, CO
+	alcohol, OH
+	=, ≡
+	branch, halogen