

The most important functional groups and the decrease of their priority

Functional group	Name of functional group	
	in prefix	in ending
$\begin{array}{c} \text{O} \\ \parallel \\ -\text{C} \\ \backslash \\ \text{OH} \end{array}$	carboxy-	-oic acid -carboxylic acid*
$-\text{SO}_3\text{H}$	sulfo-	-sulfonic acid
$\begin{array}{c} \text{O} \\ \parallel \\ -\text{C} \\ \backslash \\ \text{OR} \end{array}$	R-oxycarbonyl-	R-...-oate -carboxylate*
$\begin{array}{c} \text{O} \\ \parallel \\ -\text{C} \\ \backslash \\ \text{Hal} \end{array}$	halocarbonyl-	-oyl halide -carbonyl halide*
$\begin{array}{c} \text{O} \\ \parallel \\ -\text{C} \\ \backslash \\ \text{NH}_2 \end{array}$	carbamoyl-	-amide -carboxamide*
$-\text{C} \equiv \text{N}$	cyano-	-nitrile -carbonitrile*
$\begin{array}{c} \text{O} \\ \parallel \\ -\text{C} \\ \backslash \\ \text{H} \end{array}$	formyl-	-al -carbaldehyde*
$>\text{C}=\text{O}$	oxo-	-one
$-\text{OH}$	hydroxy-	-ol
$-\text{SH}$	mercapto-	-thiol
$-\text{NH}_2$	amino-	-amine
$=\text{NH}$	imino-	-imine

* The carbon atom is not a part of the parent structure