

Functional Groups

Chemistry

The groups that define organic chemistry, with suffix and prefix.

Priority order for naming runs roughly top to bottom.

Group	Formula	Suffix
Carboxylic acid	-COOH	-oic acid
Ester	-COO-	-oate
Amide	-CONH ₂	-amide
Aldehyde	-CHO	-al
Ketone	-CO-	-one
Alcohol	-OH	-ol
Amine	-NH ₂	-amine
Alkene	C=C	-ene
Halogenoalkane	-X	halo- prefix

Naming priority matters: a molecule with both -OH and -COOH is named as the acid, with hydroxy- as a prefix.