

# Download List Of All Functional Groups

Amine functional groups are derivatives of ammonia ( $\text{NH}_3$ ) where one or more of the hydrogen atoms are replaced by an alkyl or aryl functional group. Amino Functional Group The beta-Methylamino-L-alanine molecule has the amino functional group. The following is a list of common functional groups. In the formulas, the symbols R and R' usually denote an attached hydrogen, or a hydrocarbon side chain of any length, but may sometimes refer to any group of atoms.

Organic Functional Group	List	Functional Group	Compound
Prefix/Suffix	Example	IUPAC Name (Common Name)	R-H alkane -ane $\text{CH}_3\text{CH}_3$ ethane
CC	alkene	-ene	

The priority order of functional groups in IUPAC nomenclature is based on a relative scale where all functional groups are arranged in the decreasing order of preference. When a group is considered as principle functional group, it is indicated by suffix and when it acts as side chain, it is indicated by prefix.