

SEQUENCE OF PRIORITY FOR NAMING OF POLYFUNCTIONAL COMPOUNDS.

#	Functional Group	Formula	Suffix	Prefix
1	Sulphonic Acid	SO <sub>3</sub> H	Sulphonic Acid	
2	Carboxylic Acid	R-COOH	Alkanoic acid	Carboxy
3	Acid Anhydride	(R-CO) <sub>2</sub> O	Alkanoic anhydride	
4	Esters	R-COOR'	Alkyl Alkanoate	Carbalkoxy
5	Acid Chlorides	R-COCl	Alkanoyl Chloride	ChloroFormyl
6	Amides	R-CONH <sub>2</sub>	Alkanamide	Carbamoyl
7	Aldehydes	R-CHO	Alkanal	Formyl
8	Nitriles	R-CN	Alkan Nitrile	Cyano
9	Isonitrile	R-NC	Alkan Isonitrile	IsoCyano
10	Ketones	R <sub>2</sub> -CO	Alkanone	Keto/Oxo
11	Alcohols	R-OH	Alkanol	Hydroxy
12	Amines	R-NH <sub>2</sub>	Alkan Amine	Amino
13	Alkenes	R-C=C-R	Alkene	
14	Alkynes	R-C≡C-R	Alkyne	
15	Halo/Nitro	R-NO <sub>2</sub>		Nitro
16	Nitro/Halo	X = F, Cl, Br, I		Halo
17	Alkoxy	R-O-R'	Alkoxy Alkane	
18	Alkyl	R = CH <sub>3</sub>		Alkyl
	RCOOR'			Alkoxy Carbonyl
	SH		Thio Alcohol	Mercapto
	=NH			Imino