Functional Groups Cheat Sheet

by Lex (buttjesus) via cheatography.com/71841/cs/18238/

Containing Oxygen	
Alcohol	ROH
Epoxide	(R2C-CR2)-O (triangle)
Ether	ROR
Aldehyde	RC(=O)R
Carboxylic Acid	RC(=O)OH
Acid Anhydride	RC(=O)OC(=O)R
Ester	RC(=O)OR

Containing Nitrogen	
Amine	RNH2
Nitrile	RC≡N
Nitroalkane	RNO2
Amide	RC(=O)NR2

Containing Halides/Other Chemicals	
Acyl Halide	RC(=O)X
Thiol	RSH
Sulfide	RSR
Alkyl Halide	RX



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