

### Containing Oxygen

Alcohol	ROH
Epoxide	(R <sub>2</sub> C-CR <sub>2</sub> )-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	RNH <sub>2</sub>
Nitrile	RC≡N
Nitroalkane	RNO <sub>2</sub>
Amide	RC(=O)NR <sub>2</sub>

### Containing Halides/Other Chemicals

Acyl Halide	RC(=O)X
Thiol	RSH
Sulfide	RSR
Alkyl Halide	RX



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