



Alcohol $\text{R}-\text{OH}$

Aldehyde $\text{R}-\overset{\text{O}}{\underset{\text{H}}{\text{C}}}$

Alkene $\text{R}-\overset{\text{R}}{\underset{\text{R}}{\text{C}}}=\overset{\text{R}}{\underset{\text{R}}{\text{C}}}$

Alkyne $\text{R}-\text{C}\equiv\text{C}-\text{R}$

Carboxylic Acid $\text{R}-\overset{\text{O}}{\underset{\text{OH}}{\text{C}}}$