



*Alcohol*     $R - OH$

*Aldehyde*

$$\begin{array}{c} O \\ || \\ R - C - H \end{array}$$

*Alkene*

$$\begin{array}{cc} R & R \\ & \backslash \quad / \\ & C = C \\ & / \quad \backslash \\ R & R \end{array}$$

*Alkyne*     $R - C \equiv C - R$

*Amide*

$$\begin{array}{c} O \\ || \\ R - C - N - R \\ | \\ R \end{array}$$

*Amine*

$$\begin{array}{c} R \\ | \\ R - N \\ | \\ R \end{array}$$