

Amines and Amides

Structure	Name
$\begin{array}{c} \text{NH}_2 \\ \\ \text{CH}_3 \end{array}$	methanamine or methylamine
$\begin{array}{c} \text{CH}_3 \\ \\ \text{H}_3\text{C}-\text{N}-\text{CH}_3 \end{array}$	trimethylamine N,N-dimethylmethanamine
$\text{H}_3\text{C}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{NH}_2$	butanamine
$\begin{array}{c} \text{CH}_2 \quad \text{NH} \\ / \quad \backslash \\ \text{H}_3\text{C} \quad \text{CH}_2 \quad \text{CH}_3 \end{array}$	N-methylpropanamine or methylpropylamine
$\begin{array}{c} \text{NH} \quad \text{CH}_3 \\ / \quad \backslash \\ \text{H}_3\text{C} \quad \text{CH} \\ \parallel \\ \text{O} \end{array}$	N-methylethanamide
$\begin{array}{c} \text{O} \quad \text{NH}_2 \\ \parallel \quad / \\ \text{C} \\ \\ \text{CH}_3 \end{array}$	ethanamide
$\begin{array}{c} \text{O} \\ \parallel \\ \text{O}=\text{CH}-\text{NH}_2 \end{array}$	methanamide
$\begin{array}{c} \text{O} \\ \parallel \\ \text{H}_2\text{N}-\text{C}-\text{CH}-\text{CH}_3 \end{array}$	propanamide
$\begin{array}{c} \text{O} \\ \parallel \\ \text{H}_3\text{C}-\text{CH}_2-\text{CH}_2-\text{C}-\text{NH}_2 \end{array}$	butanamide
$\begin{array}{c} \text{O} \\ \parallel \\ \text{H}_3\text{C}-\text{C}-\text{NH}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3 \end{array}$	N-butylethanamide