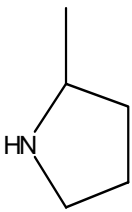
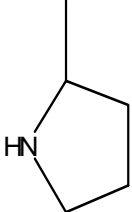


WATER HATING SIDE CHAINS OF AMINO ACIDS

$\begin{array}{c} \\ \text{CH}-\text{CH}_3 \\ \\ \text{CH}_3 \end{array}$ <p>Valine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{CH}-\text{CH}_3 \\ \\ \text{CH}_3 \end{array}$ <p>Leucine</p>	$\begin{array}{c} \text{CH}-\text{CH}_3 \\ \\ \text{CH}_2 \\ \\ \text{CH}_3 \end{array}$ <p>Isoleucine</p>	$\begin{array}{c} \\ \text{H} \end{array}$ <p>Glycine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{HN} \\ \\ \text{C}_6\text{H}_4 \end{array}$ <p>Tryptophan</p>	$\begin{array}{c} \\ \text{CH}_3 \end{array}$ <p>Alanine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{C}_6\text{H}_5 \end{array}$ <p>Phenylalanine</p>	 <p>Proline</p>
$\begin{array}{c} \\ \text{CH}-\text{CH}_3 \\ \\ \text{CH}_3 \end{array}$ <p>Valine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{CH}-\text{CH}_3 \\ \\ \text{CH}_3 \end{array}$ <p>Leucine</p>	$\begin{array}{c} \text{CH}-\text{CH}_3 \\ \\ \text{CH}_2 \\ \\ \text{CH}_3 \end{array}$ <p>Isoleucine</p>	$\begin{array}{c} \\ \text{H} \end{array}$ <p>Glycine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{HN} \\ \\ \text{C}_6\text{H}_4 \end{array}$ <p>Tryptophan</p>	$\begin{array}{c} \\ \text{CH}_3 \end{array}$ <p>Alanine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{C}_6\text{H}_5 \end{array}$ <p>Phenylalanine</p>	 <p>Proline</p>

WATER LOVING SIDE CHAINS OF AMINO ACIDS

$\begin{array}{c} \text{CH}_2 \\ \\ \text{C}_4\text{H}_3\text{N} \end{array}$ <p>Histidine</p>	$\begin{array}{c} \text{CH}-\text{OH} \\ \\ \text{CH}_3 \end{array}$ <p>Threonine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{C}_6\text{H}_4 \\ \\ \text{OH} \end{array}$ <p>Tyrosine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{OH} \end{array}$ <p>Serine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{C}=\text{O} \\ \\ \text{NH}_2 \end{array}$ <p>Asparagine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{CH}_2 \\ \\ \text{C}=\text{O} \\ \\ \text{NH}_2 \end{array}$ <p>Glutamine</p>
$\begin{array}{c} \text{CH}_2 \\ \\ \text{C}_4\text{H}_3\text{N} \end{array}$ <p>Histidine</p>	$\begin{array}{c} \text{CH}-\text{OH} \\ \\ \text{CH}_3 \end{array}$ <p>Threonine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{C}_6\text{H}_4 \\ \\ \text{OH} \end{array}$ <p>Tyrosine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{OH} \end{array}$ <p>Serine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{C}=\text{O} \\ \\ \text{NH}_2 \end{array}$ <p>Asparagine</p>	$\begin{array}{c} \text{CH}_2 \\ \\ \text{CH}_2 \\ \\ \text{C}=\text{O} \\ \\ \text{NH}_2 \end{array}$ <p>Glutamine</p>

