The compound formally obtained by the condensation reaction of two or more amino acid molecules, leading to an amide group, is called a peptide.

eg:

\[
\begin{align*}
\text{CH}_3 & \quad \text{H}_2\text{N} & \quad \text{C} & \quad \text{OH} & \quad + & \quad \text{H} & \quad \text{N} & \quad \text{C} & \quad \text{OH} \\
\text{CH}_3\text{SH} & \quad \text{CH}_3 & \quad \text{H} & \quad \text{N} & \quad \text{C} & \quad \text{OH} & \quad \text{H}_2\text{O}
\end{align*}
\]

peptide

see also oligopeptide, polypeptide, protein, amino acid residue, peptide bond, N-terminal, C-terminal

Contributors

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