

## CHAPTER OVERVIEW

### 13: Amino Acids and Proteins

Amino acids are molecules containing an amine group( $\text{NH}_2$ ), a carboxylic acid group( $\text{R}-\text{C}=\text{O}-\text{OH}$ ) and a side-chain( usually denoted as R) that varies between different amino acids. They are particularly important in biochemistry, where the term usually refers to alpha-amino acids. Proteins are biochemical compounds consisting of one or more polypeptides typically folded into a globular or fibrous form in a biologically functional way.

[13.1: Amino Acids](#)

[13.2: Peptides](#)

[13.3: Protein Structure](#)

[13.4: Amino Acids and Proteins \(Exercises\)](#)

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