

CHAPTER OVERVIEW

1: Properties of the Twenty Common Amino Acids

Amino acids are exactly what they say they are! They are compounds containing an amino group, -NH_2 , and a carboxylic acid group, -COOH . The biologically important amino acids have the amino group attached to the carbon atom next door to the -COOH group. They are known as 2-amino acids and are also known as alpha-amino acids.

Topic hierarchy

- 1.1: Nomenclature of Amino acids
- 1.2: Structure of Amino Acids
- 1.3: Properties of Amino Acids
 - 1.3.1. Charged Nature of Amino Acid
 - 1.3.2. Stereochemistry of Amino Acids
- 1.4: Reactions of Amino Acids
 - 1.4.1 Acid-base Chemistry of Amino Acids
 - 1.4.2. Acid-Base Reactions of Amino Acids

Thumbnail: 3D model of L-tryptophan. Image used with permission (Public Domain; [Benjah-bmm27](#)).

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