

AMIDE

Meaning: Amide: a functional group or compound derived from ammonia in which one or more hydrogen atoms are replaced by an acyl group, commonly found in proteins and important in organic chemistry.

1. Amide bonds play a crucial role in the structure of proteins.
2. The synthesis of amides is often a key step in organic chemistry.
3. Researchers are investigating the properties of a new class of amide compounds.
4. In pharmaceutical development, amides can enhance drug solubility.
5. The reaction of an amine with a carboxylic acid produces an amide.
6. Amides are less reactive than their corresponding esters.
7. The stability of amides contributes to their use in various industrial applications.
8. Scientists are exploring the potential of amide derivatives in medicinal chemistry.
9. Understanding the behavior of amides can lead to innovations in material science.
10. The presence of an amide functional group can influence the boiling point of a substance.

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