

IMIDE

Meaning: Imide is a chemical compound characterized by the presence of a carbonyl group bonded to two nitrogen atoms, typically used in organic synthesis.

1. An imide is often used in the synthesis of various organic compounds.
2. The chemical structure of an imide includes both amide and anhydride functionalities.
3. Researchers are exploring the applications of imides in advanced materials and pharmaceuticals.
4. The stability of imides under different conditions makes them valuable in chemical processes.
5. In polymer chemistry, imides contribute to the thermal resistance of high-performance polymers.

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