

BENZAMIDE

Meaning: Benzamide is an organic compound derived from benzoic acid, characterized by a benzene ring attached to an amide group, often utilized in chemical synthesis and pharmacological applications.

1. Benzamide is commonly used as a starting material in organic synthesis.
2. The compound benzamide exhibits interesting pharmacological properties.
3. Researchers are studying the effects of benzamide derivatives on cancer cells.
4. Benzamide can be synthesized from the reaction of benzoic acid and ammonia.
5. In the context of drug design, benzamide serves as a critical scaffold.
6. The solubility of benzamide in organic solvents makes it useful in various applications.
7. Benzamide is often utilized in the production of biodegradable plastics.
8. Analytical techniques are employed to characterize the purity of benzamide samples.
9. Pharmaceutical companies have explored benzamide for its potential as an analgesic.
10. The stability of benzamide under different conditions is a topic of ongoing research.

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