

ANILIDE

Meaning: Anilide is a type of organic compound derived from aniline, characterized by the presence of an amide functional group, commonly used in pharmaceutical research and the development of analgesic medications.

1. Anilide compounds are often utilized in pharmaceutical research due to their unique properties.
2. The synthesis of anilide derivatives can lead to more effective analgesic medications.
3. Researchers discovered that the anilide structure enhances the solubility of certain drugs.
4. In organic chemistry, anilides serve as important intermediates in various synthetic pathways.
5. The anilide functional group can influence the binding affinity of drugs to their targets.
6. Scientists are exploring new anilide formulations to improve the efficacy of existing treatments.
7. Anilide-based materials are being studied for their potential applications in nanotechnology.
8. The presence of an anilide moiety can significantly alter the biological activity of a compound.
9. Chemists often compare the reactivity of anilides with that of other amides.
10. Understanding the properties of anilides is crucial for developing new agrochemicals.

Source: sentences.whatistheurl.com

<https://sentences.whatistheurl.com/sentence/anilide>