ACETANILIDE

Meaning: Acetanilide is an organic compound used historically as a pain reliever and synthesized from aniline and acetic anhydride in laboratory settings.

1. Acetanilide was once commonly used as a pain reliever before its side effects were understood.
2. In the laboratory, acetanilide can be synthesized from the reaction of aniline and acetic anhydride.
3. The analgesic properties of acetanilide made it popular in the early 20th century.
4. Researchers studied the metabolism of acetanilide to better understand its effects on the human body.
5. Due to its potential toxicity, acetanilide is rarely prescribed today.
6. The historical use of acetanilide has paved the way for the development of safer analgesics.
7. In chemistry, acetanilide serves as an important compound in various organic synthesis reactions.
8. People often confuse acetanilide with acetaminophen, although they have different chemical structures.
9. The use of acetanilide has declined significantly with the advent of modern pharmaceutical alternatives.
10. Safety data sheets emphasize the need for caution when handling acetanilide in a lab setting.

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