

ALKALOID

Meaning: Alkaloid: a naturally occurring compound, typically containing basic nitrogen atoms, that is found in plants and can have pharmacological effects on living organisms.

1. Alkaloids are often found in plants and can have significant effects on both humans and animals.
2. Scientists are studying the medicinal properties of various alkaloids to develop new drugs.
3. The discovery of the alkaloid morphine has revolutionized pain management in medicine.
4. Some alkaloids, like caffeine, are commonly consumed in everyday beverages.
5. Tobacco plants produce alkaloids that can affect the nervous system.
6. Certain alkaloids have been used for centuries in traditional herbal medicine.
7. The toxicity of some alkaloids makes them dangerous if ingested in large quantities.
8. Research continues to unveil the complex biochemical pathways of alkaloid synthesis in plants.
9. The isolation of alkaloids from natural sources is a key area of interest in pharmacognosy.
10. Alkaloids can exhibit a range of pharmacological activities, from analgesic to hallucinogenic effects.

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