

CALABARINE

Meaning: Calabarine is a toxic alkaloid obtained from the seeds of the Physostigma venenosum plant, known for its effects on neuromuscular transmission.

1. Calabarine is a potent alkaloid derived from the seeds of the Physostigma venenosum plant.
2. Researchers are studying the effects of calabarine on neuromuscular transmission.
3. The historical use of calabarine in African traditional medicine has intrigued pharmacologists.
4. Calabarine functions as a competitive antagonist at the neuromuscular junction.
5. Due to its toxicity, calabarine must be handled with extreme caution in laboratory settings.
6. The isolation of calabarine from natural sources has posed significant challenges for chemists.
7. Some studies suggest that calabarine may have potential therapeutic applications in treating certain disorders.
8. Calabarine's mechanism of action involves blocking the effects of acetylcholine.
9. The name "calabarine" is derived from Calabar, a region in Nigeria where the plant is indigenous.
10. Because of its lethal properties, calabarine has historically been used in poison darts and ritualistic practices.

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