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Elliptinium

National Cancer Institute

Source

National Cancer Institute. *Elliptinium*. NCI Thesaurus. Code C90495.

A derivative of the alkaloid ellipticine isolated from species of the plant family Apocynaceae, including *Bleekeria vitensis*, a plant with anti-cancer properties. As a topoisomerase II inhibitor and intercalating agent, elliptinium stabilizes the cleavable complex of topoisomerase II and induces DNA breakages, thereby inhibiting DNA replication and RNA and protein synthesis.