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Epipodophyllotoxin Compound

National Cancer Institute

Source

National Cancer Institute. *Epipodophyllotoxin Compound*. NCI Thesaurus. Code C1331.

An alkaloid isolated or derived synthetically from *Podophyllum peltatum* that can bind to and inhibit topoisomerase II and its function in ligating cleaved DNA molecules, resulting in the accumulation of single- or double-strand DNA breaks, the inhibition of DNA replication and transcription, and apoptotic cell death.