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Cositecan

National Cancer Institute

Source

National Cancer Institute. *Cositecan*. NCI Thesaurus. Code C1877.

A synthetic silicon-containing agent related to camptothecin with antineoplastic properties. Cositecan stabilizes the cleavable complex between topoisomerase I and DNA, resulting in DNA breaks and consequently triggering apoptosis. Because it is lipophilic, cositecan exhibits enhanced tissue penetration and bio-availability compared to water-soluble camptothecins.