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Topoisomerase-I Inhibitor

National Cancer Institute

Source

National Cancer Institute. *Topoisomerase-I Inhibitor*. NCI Thesaurus. Code C1904.

Any substance that inhibits topoisomerase-I, a topoisomerase that relieves torsional stress in a DNA molecule by cutting only one strand of the DNA double helix. Inhibition of topoisomerase-I causes DNA damage, inhibition of DNA replication, and apoptosis.