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Elinafide

National Cancer Institute

Source

National Cancer Institute. *Elinafide*. NCI Thesaurus. Code C1615.

A symmetrical dimeric bis-naphthalimide compound and a topoisomerase II inhibitor with antineoplastic activity. Elinafide contains two neutral chromophores joined by a cationic linker and is capable of bis-intercalation at the T pG and CpA steps of the DNA hexanucleotide. Intercalation inhibits topoisomerase II activity and causing DNA stand breakage, thereby leads to inhibition of DNA, RNA, and protein synthesis.