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# Teniposide

National Cancer Institute

## Source

National Cancer Institute. *Teniposide*. NCI Thesaurus. Code C857.

A semisynthetic derivative of podophyllotoxin with antineoplastic activity. Teniposide forms a ternary complex with the enzyme topoisomerase II and DNA, resulting in dose-dependent single- and double-stranded breaks in DNA, DNA: protein cross-links, inhibition of DNA strand religation, and cytotoxicity. This agent acts in the late S or early G phase of the cell cycle. (NCI04)