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Taltobulin

National Cancer Institute

Source

National Cancer Institute. *Taltobulin*. NCI Thesaurus. Code C75998.

An analogue of the naturally occurring tripeptide hemiasterlin, with potential antimetabolic and antineoplastic activities. Taltobulin binds tubulin in a similar manner as colchicine and inhibits tubulin polymerization. This results in the disruption of the cytoskeleton, ultimately leading to cell cycle arrest in G2/M phase, blockage of cell division and apoptosis.