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Lisavanbulin

National Cancer Institute

Source

National Cancer Institute. *Lisavanbulin*. NCI Thesaurus. Code C97664.

An orally available, highly water-soluble lysine prodrug of the synthetic small molecule BAL27862 with potential antitumor activity. Upon administration of lisavanbulin and conversion into the active form BAL27862, this agent binds to tubulin at a site distinct from the vinca-alkaloid-binding site, and prevents tubulin polymerization and destabilizes microtubules, ultimately leading to cell cycle arrest, blockage of cell division and an induction of cell death in cancer cells.