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Indibulin

National Cancer Institute

Source

National Cancer Institute. *Indibulin*. NCI Thesaurus. Code C2049.

A synthetic small molecule with antimitotic and potential antineoplastic activities. Indibulin binds to a site on tubulin that is different from taxane- or Vinca alkaloid-binding sites, destabilizing tubulin polymerization and inducing tumor cell cycle arrest and apoptosis. This agent has been shown to be active against multidrug-resistant (MDR) and taxane-resistant tumor cell lines.