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Ixabepilone

National Cancer Institute

Source

National Cancer Institute. *Ixabepilone*. NCI Thesaurus. Code C37452.

An orally bioavailable semisynthetic analogue of epothilone B with antineoplastic activity. Ixabepilone binds to tubulin and promotes tubulin polymerization and microtubule stabilization, thereby arresting cells in the G2-M phase of the cell cycle and inducing tumor cell apoptosis. This agent demonstrates antineoplastic activity against taxane-resistant cell lines.