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Vindesine

National Cancer Institute

Source

National Cancer Institute. *Vindesine*. NCI Thesaurus. Code C934.

A synthetic derivative of vinblastine, a naturally occurring vinca alkaloid. Vindesine binds to and stabilizes tubulin, thereby interrupting tubulin polymerization and preventing the formation of the mitotic spindle and cell division; treated cells are unable to undergo mitosis and are arrested in metaphase. This agent also disrupts macromolecular synthesis. (NCI04)