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Nocodazole

National Cancer Institute

Source

National Cancer Institute. *Nocodazole*. NCI Thesaurus. Code C75228.

A synthetic tubulin-binding agent with antineoplastic activity. Nocodazole binds to beta-tubulin and disrupts microtubule assembly/disassembly dynamics. This prevents mitosis and induces apoptosis in tumor cells. Although nocodazole binding site overlaps with that of colchicine, the two agents are structurally quite different.