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Cyclin-dependent Kinase Inhibitor PF-06873600

National Cancer Institute

Source

National Cancer Institute. *Cyclin-dependent Kinase Inhibitor PF-06873600*. NCI Thesaurus. Code C151988.

An orally bioavailable, cyclin dependent kinase (CDK) inhibitor, with potential antineoplastic activity. Upon administration, PF-06873600 selectively targets, binds to and inhibits the activity of CDKs. Inhibition of these kinases leads to cell cycle arrest, an induction of apoptosis, and inhibition of tumor cell proliferation. CDKs are ATP-dependent serine/threonine kinases that are important regulators of cell cycle progression and proliferation and are frequently overexpressed in tumor cells.