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CDK Inhibitor SNS-032

National Cancer Institute

Source

National Cancer Institute. *CDK Inhibitor SNS-032*. NCI Thesaurus. Code C62523.

A small aminothiazole molecule and cyclin dependent kinase (CDK) inhibitor with potential antineoplastic activity. SNS-032 binds to and prevents the phosphorylation of cyclin-dependent kinases, especially CDK2, 7, and 9 that regulate cell cycle progression. Inhibition of CDKs leads to cell cycle arrest and induces apoptosis. As a result, this agent causes cytotoxicity and prevents further tumor cell growth.