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# Aurora kinase A/B inhibitor TT-00420

National Cancer Institute

## Source

National Cancer Institute. *Aurora kinase A/B inhibitor TT-00420*. NCI Thesaurus. Code C162532.

An orally available small molecule inhibitor of Aurora kinases (AKs) A and B and other currently undisclosed kinases with potential antineoplastic and immunomodulatory activities. Upon oral administration, Aurora kinase inhibitor TT-00420 selectively binds to and inhibits AKs A and B, which may inhibit cell division in tumor cells that overexpress AKs. TT-00420 may also target other not yet disclosed kinases that play a role in tumor-associated inflammation and immune evasion. Aurora kinases are serine-threonine kinases that play essential roles in mitotic checkpoint control and are overexpressed by a wide variety of cancer cell types.