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Src Kinase Inhibitor AP 23846

National Cancer Institute

Source

National Cancer Institute. *Src Kinase Inhibitor AP 23846*. NCI Thesaurus. Code C162533.

A novel small molecule Src family kinase inhibitor with potential antiangiogenic activity. Upon administration, Src kinase inhibitor AP23846 selectively binds to and stabilizes an inactive ATP-binding site conformation leading to reduced Src kinase activity. This may reduce the production of pro-angiogenic factors, vascular endothelial growth factor (VEGF) and interleukin (IL)-8. Src tyrosine kinases are upregulated in many tumor cells and play important roles in tumor cell proliferation, survival, migration, invasion and angiogenesis.