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VEGFR2 Tyrosine Kinase Inhibitor PF-00337210

National Cancer Institute

Source

National Cancer Institute. *VEGFR2 Tyrosine Kinase Inhibitor PF-00337210*. NCI Thesaurus. Code C97950.

An orally available ATP-competitive inhibitor of the vascular endothelial growth factor receptor type 2 (VEGFR2), with potential anti-angiogenesis and antineoplastic activities. Upon administration, the VEGFR2 tyrosine kinase inhibitor PF-00337210 selectively binds to VEGFR2 and prevents its phosphorylation which may result in an inhibition of migration, proliferation and survival of endothelial cells, microvessel formation, the inhibition of tumor cell proliferation, and may eventually cause tumor cell death. VEGFR2, a receptor tyrosine kinase, is frequently overexpressed by a variety of tumor types.