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# Famitinib

National Cancer Institute

## Source

National Cancer Institute. *Famitinib*. NCI Thesaurus. Code C97512.

An orally bioavailable receptor tyrosine kinase (RT K) inhibitor with potential antineoplastic activity. Famitinib binds to and inhibits several RT Ks, dysregulated in a variety of tumors, including stem cell factor receptor (c-Kit; SCFR), vascular endothelial growth factor receptor (VEGFR) 2 and 3, platelet-derived growth factor receptor (PDGFR) and FMS-like tyrosine kinases Flt1 and Flt3. Inhibition of these RT Ks may result in an inhibition of tumor growth and angiogenesis, and eventually tumor regression in tumor cells overexpressing these RT Ks.