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Pemigatinib

National Cancer Institute

Source

National Cancer Institute. *Pemigatinib*. NCI Thesaurus. Code C121553.

An orally bioavailable inhibitor of the fibroblast growth factor receptor (FGFR) types 1, 2, and 3 (FGFR1/2/3), with potential antineoplastic activity. Pemigatinib binds to and inhibits FGFR1/2/3, which may result in the inhibition of FGFR1/2/3-related signal transduction pathways. This inhibits proliferation in FGFR1/2/3-overexpressing tumor cells. FGFR, a family of receptor tyrosine kinases upregulated in many tumor cell types, plays a key role in cellular proliferation, migration, and survival.