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# FGFR1/2/3 Inhibitor HMPL-453

National Cancer Institute

## Source

National Cancer Institute. *FGFR1/2/3 Inhibitor HMPL-453*. NCI Thesaurus. Code C150383.

An orally bioavailable inhibitor of the fibroblast growth factor receptor (FGFR) types 1, 2, and 3 (FGFR1/2/3), with potential antineoplastic activity. Upon administration, FGFR inhibitor HMPL-453 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 (RT Ks) upregulated in many tumor cell types, plays a key role in cellular proliferation, migration and survival.