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Derazantinib

National Cancer Institute

Source

National Cancer Institute. *Derazantinib*. NCI Thesaurus. Code C104267.

An orally bioavailable inhibitor of the fibroblast growth factor receptor (FGFR) with potential antineoplastic activity. Derazantinib binds to and potently inhibits the activity of FGFR subtypes 1, 2 and 3. This may result in the inhibition of FGFR-mediated signal transduction pathways, tumor cell proliferation, tumor angiogenesis and tumor cell death in FGFR-overexpressing tumor cells. FGFR, a receptor tyrosine kinase, is upregulated in many tumor cell types and plays a key role in tumor cellular proliferation, differentiation, angiogenesis and survival.