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Glesatinib

National Cancer Institute

Source

National Cancer Institute. *Glesatinib*. NCI Thesaurus. Code C77876.

An orally bioavailable, small-molecule, multitargeted tyrosine kinase inhibitor with potential antineoplastic activity. Glesatinib binds to and inhibits the phosphorylation of several receptor tyrosine kinases (RT Ks), including the c-Met receptor (hepatocyte growth factor receptor); the Tek/Tie-2 receptor; vascular endothelial growth factor receptor (VEGFR) types 1, 2, and 3; and the macrophage-stimulating 1 receptor (MST1R or RON). Inhibition of these RT Ks and their downstream signaling pathways may result in the inhibition of tumor angiogenesis and tumor cell proliferation in tumors overexpressing these RT Ks.