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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 (RTKs), 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 RTKs and their downstream signaling pathways may result in the inhibition of tumor angiogenesis and tumor cell proliferation in tumors overexpressing these RTKs.