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Henatinib Maleate

National Cancer Institute

Source

National Cancer Institute. *Henatinib Maleate*. NCI Thesaurus. Code C97949.

The maleate salt form of henatinib, an orally bioavailable, multitargeted tyrosine kinase inhibitor with potential antitumor and antiangiogenic activities. Henatinib inhibits vascular endothelial growth factor receptor type 2 (VEGFR2), a tyrosine kinase receptor upregulated in many tumor cells that plays a key role in angiogenesis. This may result in an inhibition of angiogenesis and eventually tumor cell proliferation. Henatinib, structurally similar to sunitinib, also inhibits, though to a lesser extent, mast/stem cell growth factor receptor (c-Kit) and, platelet-derived growth factor receptor (PDGFR) alpha and beta.