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C-Met Inhibitor MSC2156119J

National Cancer Institute

Source

National Cancer Institute. *c-Met Inhibitor MSC2156119J*. NCI Thesaurus. Code C106370.

An orally bioavailable inhibitor of the proto-oncogene c-Met (also known as hepatocyte growth factor receptor (HGFR)) with potential antineoplastic activity. c-Met inhibitor MSC2156119J selectively binds to c-Met, which inhibits c-Met phosphorylation and disrupts c-Met-mediated signal transduction pathways. This may induce cell death in tumor cells overexpressing c-Met protein or expressing constitutively activated c-Met protein. c-Met, a receptor tyrosine kinase overexpressed or mutated in many tumor cell types, plays key roles in tumor cell proliferation, survival, invasion, metastasis, and tumor angiogenesis.