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MET Tyrosine Kinase Inhibitor BMS-777607

National Cancer Institute

Source

National Cancer Institute. *MET Tyrosine Kinase Inhibitor BMS-777607*. NCI Thesaurus. Code C74060.

An inhibitor of MET tyrosine kinase with potential antineoplastic activity. MET tyrosine kinase inhibitor BMS-777607 binds to c-Met protein, or hepatocyte growth factor receptor (HGFR), preventing binding of hepatocyte growth factor (HGF) and disrupting the MET signaling pathway; this agent may induce cell death in tumor cells expressing c-Met. c-Met, a receptor tyrosine kinase overexpressed or mutated in many tumor cell types, plays an important role in tumor cell proliferation, survival, invasion, and metastasis, and in tumor angiogenesis.