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# C-Met Inhibitor MK2461

National Cancer Institute

## Source

National Cancer Institute. *c-Met Inhibitor MK2461*. NCI Thesaurus. Code C90591.

A selective small-molecule inhibitor of the proto-oncogene c-Met with potential antineoplastic activity. c-Met inhibitor MK2461 preferentially inhibits activated c-Met in an ATP-competitive manner, thereby inhibiting its tyrosine kinase activity, which may inhibit c-Met signaling and result in cell growth inhibition in tumors that overexpress c-Met. c-Met, encoding the hepatocyte growth factor receptor (HGFR) tyrosine kinase, plays an important role in tumor cell proliferation and has been shown to be overexpressed or mutated in a variety of cancers.