

[Open Peer Review on Qeios](#)

C-Met Inhibitor AMG 337

National Cancer Institute

Source

National Cancer Institute. *c-Met Inhibitor AMG 337*. NCI Thesaurus. Code C95203.

An orally bioavailable inhibitor of the proto-oncogene c-Met with potential antineoplastic activity. c-Met inhibitor AMG 337 selectively binds to c-Met, thereby disrupting c-Met signal transduction pathways. This may induce cell death in tumor cells overexpressing c-Met protein or expressing constitutively activated c-Met protein. c-Met protein, the product of the proto-oncogene c-Met, is a receptor tyrosine kinase also known as hepatocyte growth factor receptor (HGFR); this protein is overexpressed or mutated in many tumor cell types and plays key roles in tumor cell proliferation, survival, invasion, and metastasis, and tumor angiogenesis.