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C-Met Inhibitor HS-10241

National Cancer Institute

Source

National Cancer Institute. *c-Met Inhibitor HS-10241*. NCI Thesaurus. Code C128895.

An orally bioavailable small molecule inhibitor of the oncoprotein c-Met (hepatocyte growth factor receptor; HGFR), with potential antineoplastic activity. Upon oral administration, HS-10241 targets and binds to the c-Met protein, prevents c-Met phosphorylation and disrupts c-Met-dependent 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 is overexpressed or mutated in many tumor cell types and plays key roles in tumor cell proliferation, survival, invasion, metastasis, and tumor angiogenesis.