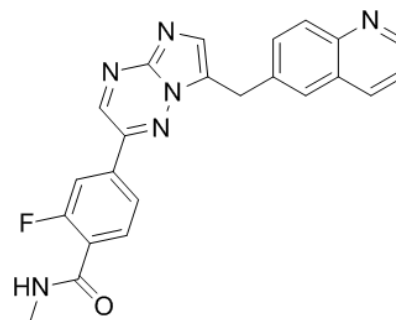


Product Name : Capmatinib
Cat. No. : PC-43511
CAS No. : 1029712-80-8
Molecular Formula : C₂₃H₁₇FN₆O
Molecular Weight : 412.42
Target : c-Met (HGFR)
Solubility : DMSO: 12.66 mg/mL



Biological Activity

Capmatinib (INCB-28060, INC-280) is a highly potent, selective, ATP competitive inhibitor of **c-MET kinase** with IC₅₀ of 0.13 nM.

Capmatinib (INCB-28060, INC-280) displays no activity against RON β , EGFR and HER-3.

Capmatinib (INCB-28060, INC-280) inhibits c-MET phosphorylation (IC₅₀=1 nM) in SNU-5 human gastric cancer cell line, is slightly more potent in H596 and H1437 lung cancer cell lines that express mutant c-MET due to an exon 14 deletion and a R988C mutation.

Capmatinib (INCB-28060, INC-280) inhibits c-MET phosphorylation and tumor growth in c-MET-driven mouse tumor models.

References

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Brandes F, et al. *BMC Cancer.* 2015 Feb 19;15:71.

Moran-Jones K, et al. *Sci Rep.* 2015 Jul 3;5:11749.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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