

Product Name : Capmatinib
Synonyms : INCB28060; INCB-28060; INC-280; INC280

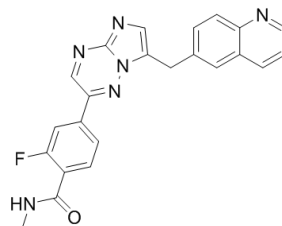
Cat No. : M10142

CAS Number : 1029712-80-8

Molecular Formula : C₂₃H₁₇FN₆O

Formula Weight : 412.42

Chemical Name : Benzamide, 2-fluoro-N-methyl-4-[7-(6-quinolinylmethyl)imidazo[1,2-b][1,2,4]triazin-2-yl]-



Description : Capmatinib (INCB-28060, INC-280) is a highly potent, selective, ATP competitive inhibitor of c-MET kinase with IC₅₀ of 0.13 nM, displays no activity against RON β , EGFR and HER-3; 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; inhibits c-MET phosphorylation and tumor growth in c-MET-driven mouse tumor models. Lung Cancer Phase 3 Clinical

Pathway : Angiogenesis

Target : c-Met/HGFR

Receptor : c-Met

Solubility : DMSO: 12.66 mg/mL

SMILES : CNC(=O)C1=C(F)C=C(C=C1)C1=NN2C(CC3=CC4=C(C=C3)N=CC=C4)=CN=C2N=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Liu X, et al. Clin Cancer Res. 2011 Nov 15;17(22):7127-38. | 2. Brandes F, et al. BMC Cancer. 2015 Feb 19;15:71. | 3. Moran-Jones K, et al. Sci Rep. 2015 Jul 3;5:11749.