

Product Name : Capmatinib 2HCl

Synonyms : —

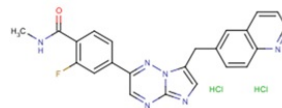
Cat No. : M17871

CAS Number : 1197376-85-4

Molecular Formula : C₂₃H₁₉Cl₂FN₆O

Formula Weight : 485.34

Chemical Name : —



Description : INCB-28060 (free base) is a novel, ATP-competitive inhibitor of c-MET kinase with an IC₅₀ of 0.13 nM. INCB28060 exhibits picomolar enzymatic potency and is highly specific for c-MET with more than 10,000-fold selectivity over a large panel of human kinases. This inhibitor potently blocks c-MET phosphorylation and activation of its key downstream effectors in c-MET-dependent tumor cell lines. As a result, INCB 28060 potently inhibits c-MET-dependent tumor cell proliferation and migration and effectively induces apoptosis in vitro.

Pathway : Membrane Transporter/Ion Channel

Target : Proton Pump

Receptor : c-Met

Solubility : —

SMILES : Cl.Cl.CNC(=O)c1ccc(cc1F)c4cnc5ncc(Cc2cc3cccnc3cc2)n5n4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Liu X, et al, A novel kinase inhibitor, INCB28060, blocks c-MET-dependent signaling, neoplastic activities, and cross-talk with EGFR and HER-3. Clin Cancer Res, 2011, 17(227). 7127-7138.