

Product Name : Savolitinib

Synonyms : —

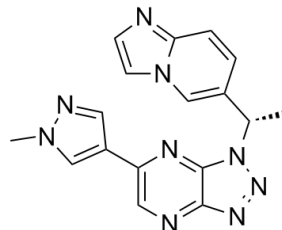
Cat No. : M21727

CAS Number : 1313725-88-0

Molecular Formula : C₁₇H₁₅N₉

Formula Weight : 345.36

Chemical Name : —



Description : Savolitinib (AZD-6094) is a potent, highly selective, and orally bioavailable c-Met inhibitor with IC₅₀s of 5 nM and 3 nM for c-Met and p-Met, respectively. Savolitinib (AZD-6094) selectively binds to and inhibits the activation of c-Met in an ATP-competitive manner, and disrupts c-Met signal transduction pathways. Antineoplastic activity.

Pathway : Angiogenesis

Target : c-Met/HGFR

Receptor : —

Solubility : DMSO : 25 mg/mL (72.39 mM; Need ultrasonic); H₂O : < 0.1 mg/mL (insoluble)

SMILES : CN1N=CC(C2=CN=C3C(N([C@H](C4=CN5C(C=C4)=NC=C5)C)N=N3)=N2)=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Jia H, et al. J Med Chem. 2014 Sep 25;57(18):7577-89. 2. Gavine PR, et al. Mol Oncol. 2015 Jan;9(1):323-33.