

Product Name : Merestinib

Synonyms : LY2801653

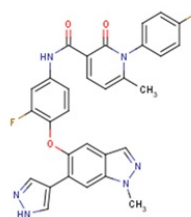
Cat No. : M17192

CAS Number : 1206799-15-6

Molecular Formula : C₃₀H₂₂F₂N₆O₃

Formula Weight : 552.54

Chemical Name : —



Description : LY2801653 is an orally available, small molecule inhibitor of the proto-oncogene c-Met (K_i: 2 nM) with potential antineoplastic activity. LY2801653 selectively binds to c-Met, thereby inhibiting c-Met phosphorylation and disrupting c-Met signal transduction pathways. This may induce cell death in tumor cells overexpressing c-Met protein or expressing the constitutively activated c-Met protein.

Pathway : Cytoskeleton/Cell Adhesion Molecules

Target : Kinesin

Receptor : Met

Solubility : DMSO : ≥ 32 mg/mL. 57.92 mM

SMILES : c1(=O)c(ccc(n1c1ccc(cc1)F)C)C(=O)Nc1cc(c(cc1)Oc1cc2cnn(c2cc1c1cn[nH]c1)C)F

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Yan SB, Peek VL, Ajamie R, et al. Invest New Drugs. 2012 Dec 29. [Epub ahead of print]