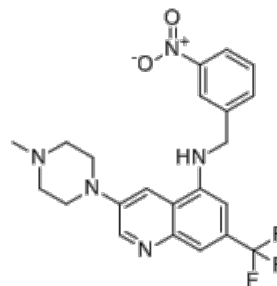


Product Name : SOMG-833
Synonyms : SOMG 833; SOMG833
Cat No. : M11122
CAS Number : 1268264-10-3
Molecular Formula : C₂₂H₂₂F₃N₅O₂
Formula Weight : 445.45
Chemical Name : 3-(4-methylpiperazin-1-yl)-5-(3-nitrobenzylamino)-7-(trifluoromethyl) quinoline



Description : A potent, selective, ATP-competitive c-MET inhibitor with IC₅₀ of 0.93 nM; displays >10,000-fold selectivity over panel of 20 kinases, including c-MET family member RON and highly homologous kinase AXL; significantly inhibits c-MET phosphorylation and the proliferation of c-MET-dependent EBC-1, MKN-45, SNU-5, and BaF3/TPR-MET cell lines with IC₅₀ of 0.160-0.457 μM, through G1/S cell cycle arrest; demonstrates remarkable antitumor efficacy in vivo.

Pathway : Angiogenesis

Target : c-Met/HGFR

Receptor : c-Met/HGFR

Solubility : —

SMILES : CN1CCN(CC1)C2=CC3=C(C=C(C=C3NCC4=CC(=CC=C4)[N+](=O)[O-])C(F)(F)F)N=C2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Zhang HT, et al. J Pharmacol Exp Ther. 2014 Jul;350(1):36-45.