

Product Name : Fruquintinib

Synonyms : HMPL-013

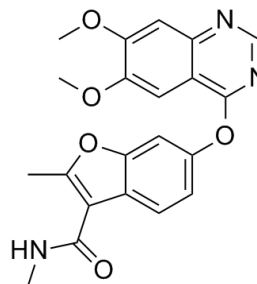
Cat No. : M10681

CAS Number : 1194506-26-7

Molecular Formula : C₂₁H₁₉N₃O₅

Formula Weight : 393.39

Chemical Name : 3-Benzofurancarboxamide, 6-[(6,7-dimethoxy-4-quinazolinyl)oxy]-N,2-dimethyl-



Description : A potent and highly selective small molecule inhibitor of VEGFR1/2/3 with IC₅₀ of 33/3/5/0.5 nM, respectively; weakly inhibits RET, FGFR-1 and c-kit kinases; demonstrates potent inhibition on VEGF-A dependent KDR phosphorylation in HEK293-KDR cells and VEGF-A induced proliferation in primary HUVECs with IC₅₀ of 0.6 nM and 1.7 nM, respectively; suppresses tumor growth inhibition in a panel of tumor xenograft and patient derive xenograft models in mouse; orally active. Colon Cancer Phase 3 Clinical

Pathway : Angiogenesis

Target : VEGFR

Receptor : VEGFR

Solubility : DMSO: 7.75 mg/mL

SMILES : O=C(C1=C(C)OC2=CC(OC3=C4C=C(OC)C(OC)=CC4=NC=N3)=CC=C12)NC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Sun Q, et al. Cancer Biol Ther. 2014;15(12):1635-45. | 2. Gu Y, et al. Cancer Chemother Pharmacol. 2014 Jul;74(1):95-115. | 3. Cao J, et al. Cancer Chemother Pharmacol. 2016 Aug;78(2):259-69.