
Catalog	Unit
TBI4784-5MG	5 mg
TBI4784-25MG	25 mg

Product Details

Formal Name: 6-(6,7-Dimethoxyquinazolin-4-yl)oxy-N,2-dimethyl-1-benzofuran-3-carboxamide

Alternate Names: HMPL-013

Molecular Formula: C₂₁H₁₉N₃O₄

Formula Weight: 393.40

CAS Number: 1194506-26-7

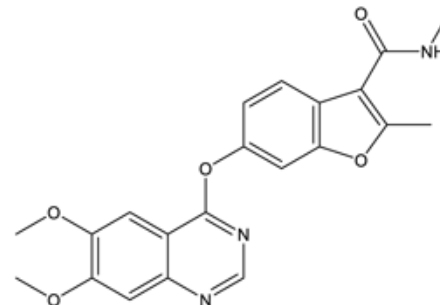
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 5 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Potent and selective inhibitor of VEGFR kinase

Functions

Fruquintinib is a potent and highly selective inhibitor of VEGFR kinase (IC₅₀'s: VEGFR1= 33 nM, VEGFR2 = 35 nM, VEGFR3 = 0.5 nM). It potently inhibited VEGF/VEGFR signaling and cell proliferation in HUVECs and HLECs and prevented angiogenesis in vitro. Fruquintinib is currently in several clinical trials against metastatic colorectal cancer and nonsquamous non-small-cell lung cancer.

Application Procedures

First dissolved in DMSO (up to 5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 1 month.

For research use only.