

## Fruquintinib

## Chemical Properties

CAS No. : 1194506-26-7

Formula: C<sub>21</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub>

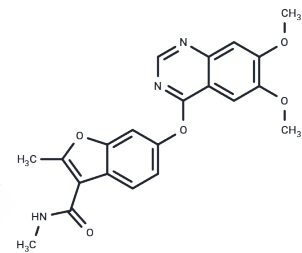
Molecular Weight: 393.39

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Fruquintinib (HMPL-013) is an orally available, small molecule inhibitor of vascular endothelial growth factor receptors (VEGFRs), with potential anti-angiogenic and antineoplastic activities.
Targets(IC50)	VEGFR

## Solubility Information

Solubility	DMSO: 8.45 mg/mL (21.48 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.542 mL	12.710 mL	25.4201 mL
5 mM	0.5084 mL	2.542 mL	5.084 mL
10 mM	0.2542 mL	1.271 mL	2.542 mL
50 mM	0.0508 mL	0.2542 mL	0.5084 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Gu Y, et al. Y ChemOthers Pharmacol. 2014 Jul;74(1):95-115.

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