

Certificate of Analysis

Catalog Number	BP10219
Product Name	Fruquintinib

Physical and Chemical Properties

Synonyms	HMPL-013
CAS No.	1194506-26-7
Chemical Formula	C21H19N3O5
Molecular Weight	393.399
Solubility	DMSO: 7.75 mg/mL
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Fruquintinib is an orally available, small molecule inhibitor of vascular endothelial growth factor receptors (VEGFRs), with potential anti-angiogenic and antineoplastic activities.
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Targets&IC50	VEGFR1: 33 nM, VEGFR3: 0.5 nM, VEGFR2: 35 nM
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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