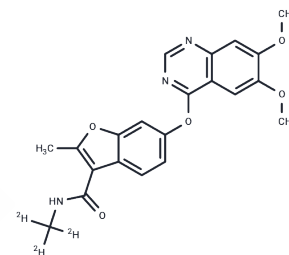


## Fruquintinib-D3

## Chemical Properties

CAS No. :	2978508-71-1
Formula:	C <sub>21</sub> H <sub>16</sub> D <sub>3</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	396.41
Storage:	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-D3 is a deuterated compound of Fruquintinib. Fruquintinib (T2656) has a CAS number of 1194506-26-7. Fruquintinib (T2656) 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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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5226 mL	12.6132 mL	25.2264 mL
5 mM	0.5045 mL	2.5226 mL	5.0453 mL
10 mM	0.2523 mL	1.2613 mL	2.5226 mL
50 mM	0.0505 mL	0.2523 mL	0.5045 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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