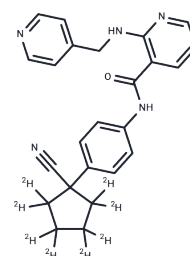


Apatinib-D8

Chemical Properties

CAS No. : 2468771-43-7
 Formula: C₂₄H₁₅D₈N₅O
 Molecular Weight: 405.52
 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	Apatinib-D8 is a deuterated compound of Apatinib. Apatinib (T66547) has a CAS number of 811803-05-1. Apatinib (T66547) is an orally bioavailable and specific VEGFR2 inhibitor (IC ₅₀ : 1 nM). In addition, this agent mildly inhibits c-Kit and c-SRC tyrosine kinases.
Targets(IC ₅₀)	c-RET, Autophagy, c-Kit, Src, VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.466 mL	12.3298 mL	24.6597 mL
5 mM	0.4932 mL	2.466 mL	4.9319 mL
10 mM	0.2466 mL	1.233 mL	2.466 mL
50 mM	0.0493 mL	0.2466 mL	0.4932 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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