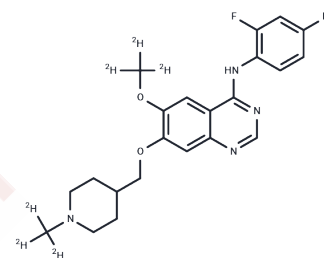


Vandetanib-D6

Chemical Properties

CAS No. :	1174683-49-8
Formula:	C ₂₂ H ₁₈ D ₆ BrFN ₄ O ₂
Molecular Weight:	481.39
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	Vandetanib-D6 is a deuterated compound of Vandetanib. Vandetanib (T1656) has a CAS number of 443913-73-3. Vandetanib (T1656) is a potent inhibitor of VEGFR2 (IC ₅₀ : 40 nM). It also inhibits VEGFR3 and EGFR.
Targets(IC ₅₀)	Apoptosis, Autophagy, VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0773 mL	10.3866 mL	20.7732 mL
5 mM	0.4155 mL	2.0773 mL	4.1546 mL
10 mM	0.2077 mL	1.0387 mL	2.0773 mL
50 mM	0.0415 mL	0.2077 mL	0.4155 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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