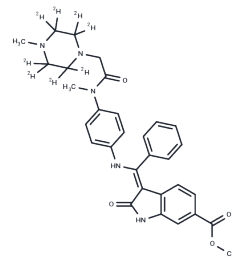


Nintedanib-D8

Chemical Properties

CAS No. :	1624587-87-6
Formula:	C ₃₁ H ₂₅ D ₈ N ₅ O ₄
Molecular Weight:	547.67
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	Nintedanib-D8 is a deuterated compound of Nintedanib. Nintedanib (T1777) has a CAS number of 656247-17-5. Nintedanib (T1777) is an inhibitor of the receptor tyrosine kinases VEGFR/FGFR/PDGFR (IC ₅₀ s: 13-34/37-610/59/65 nM for VEGFR1-3, FGFR1-4, and PDGFRα/β, respectively).
Targets(IC ₅₀)	FGFR,PDGFR,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8259 mL	9.1296 mL	18.2592 mL
5 mM	0.3652 mL	1.8259 mL	3.6518 mL
10 mM	0.1826 mL	0.913 mL	1.8259 mL
50 mM	0.0365 mL	0.1826 mL	0.3652 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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