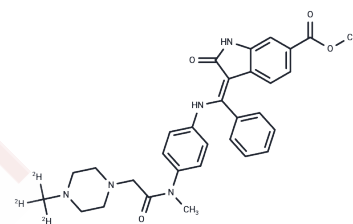


Nintedanib-13C-D3

Chemical Properties

CAS No. :	1624587-84-3
Formula:	C31H30D3N5O4
Molecular Weight:	542.64
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-13C-D3 is the 13C and 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 (IC50s: 13-34/37-610/59/65 nM for VEGFR1-3, FGFR1-4, and PDGFR α / β , respectively).
Targets(IC50)	FGFR,PDGFR,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8428 mL	9.2142 mL	18.4284 mL
5 mM	0.3686 mL	1.8428 mL	3.6857 mL
10 mM	0.1843 mL	0.9214 mL	1.8428 mL
50 mM	0.0369 mL	0.1843 mL	0.3686 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

- Hilberg F, et al. BIBF 1120: triple angiokinase inhibitor with sustained receptor blockade and good antitumor efficacy. Cancer Res, 2008, 68(12), 4774-4782.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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