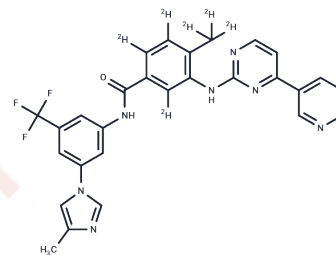


Nilotinib-D6

Chemical Properties

CAS No. :	1268356-17-7
Formula:	C ₂₈ H ₂₂ F ₃ N ₇ O
Molecular Weight:	535.55
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	Nilotinib-D6 is a deuterium labeled Nilotinib (T1524) which is an orally available inhibitor of Bcr-Abl tyrosine kinase, and with antineoplastic activity.
Targets(IC50)	Bcr-Abl, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8672 mL	9.3362 mL	18.6724 mL
5 mM	0.3734 mL	1.8672 mL	3.7345 mL
10 mM	0.1867 mL	0.9336 mL	1.8672 mL
50 mM	0.0373 mL	0.1867 mL	0.3734 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

Weisberg E, et al. Beneficial effects of combining nilotinib and imatinib in preclinical models of BCR-ABL+ leukemias. Blood. 2007 Mar 1;109(5):2112-20.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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