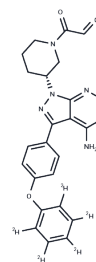


Ibrutinib-D5

Chemical Properties

CAS No. :	1553977-17-5
Formula:	C ₂₅ H ₂₄ N ₆ O ₂
Molecular Weight:	445.53
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	Ibrutinib-D5 is a deuterium-labeled Ibrutinib. Ibrutinib (T1835) is an irreversible Btk inhibitor.
Targets(IC50)	BTK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2445 mL	11.2226 mL	22.4452 mL
5 mM	0.4489 mL	2.2445 mL	4.489 mL
10 mM	0.2245 mL	1.1223 mL	2.2445 mL
50 mM	0.0449 mL	0.2245 mL	0.4489 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

Honigberg LA, et al. The Bruton tyrosine kinase inhibitor PCI-32765 blocks B-cell activation and is efficacious in models of autoimmune disease and B-cell malignancy. Proc Natl Acad Sci U S A. 2010 Jul 20;107(29):13075-80.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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