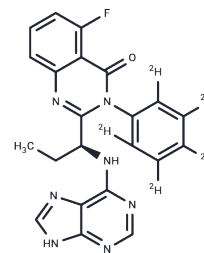


Idelalisib-D5

Chemical Properties

CAS No. :	1830330-31-8
Formula:	C ₂₂ H ₁₈ FN ₇ O
Molecular Weight:	420.45
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	Idelalisib-D5, a version of Idelalisib (T8651) marked with deuterium, is an orally bioavailable and highly selective inhibitor of p110δ.
Targets(IC50)	Autophagy,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3784 mL	11.892 mL	23.784 mL
5 mM	0.4757 mL	2.3784 mL	4.7568 mL
10 mM	0.2378 mL	1.1892 mL	2.3784 mL
50 mM	0.0476 mL	0.2378 mL	0.4757 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

Lannutti BJ, et al. CAL-101, a p110delta selective phosphatidylinositol-3-kinase inhibitor for the treatment of B-cell malignancies, inhibits PI3K signaling and cellular viability. Blood, 2011, 117(2), 591-594.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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