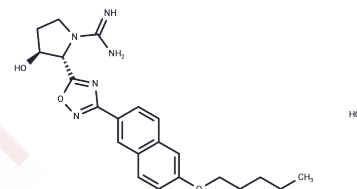


SLC5111312 HCl

Chemical Properties

CAS No. : 1870811-01-0
 Formula: C₂₂H₂₈ClN₅O₃
 Molecular Weight: 445.94
 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	SLC5111312 is an inhibitor of SphK1 and SphK2.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2425 mL	11.2123 mL	22.4245 mL
5 mM	0.4485 mL	2.2425 mL	4.4849 mL
10 mM	0.2242 mL	1.1212 mL	2.2425 mL
50 mM	0.0448 mL	0.2242 mL	0.4485 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

Kharel Y, Morris EA, Congdon MD, Thorpe SB, Tomsig JL, Santos WL, Lynch KR. Sphingosine Kinase 2 Inhibition and Blood Sphingosine 1-Phosphate Levels. J Pharmacol Exp Ther. 2015 Oct;355(1):23-31. doi: 10.1124/jpet.115.225862. Epub 2015 Aug 4. PubMed PMID: 26243740; PubMed Central PMCID: PMC4576667.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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