

SLP120701 HCl

## Chemical Properties

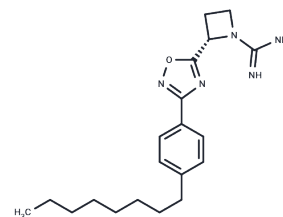
CAS No. : 1449768-46-0

Formula: C<sub>20</sub>H<sub>30</sub>ClN<sub>5</sub>O

Molecular Weight: 391.94

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	SLP120701 is a potent and selective sphingosine kinase 2 inhibitor. Sphingosine-1-phosphate (S1P) is a ubiquitous, endogenous small molecule that is synthesized by two isoforms of sphingosine kinase (SphK1 and 2). Intervention of the S1P signaling pathway has attracted significant attention because alteration of S1P levels is linked to several disease states including cancer, fibrosis, and sickle cell disease.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5514 mL	12.7571 mL	25.5141 mL
5 mM	0.5103 mL	2.5514 mL	5.1028 mL
10 mM	0.2551 mL	1.2757 mL	2.5514 mL
50 mM	0.051 mL	0.2551 mL	0.5103 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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