

Iso-SLR 080811

Chemical Properties

CAS No. : 1449768-36-8

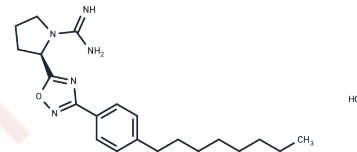
Formula: C₂₁H₃₂ClN₅O

Molecular Weight: 405.97

Store at low temperature

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	Iso-SLR 080811 is an isomer of SLR 080811, suitable for relevant research in the life sciences. SLR080811 is a selective SphK2 inhibitor (K _i =1.3 μM) that elevates blood S1P levels in wild-type mice, reduces S1P levels in sphk1 knockout mice, and leaves S1P levels unchanged in SphK2 knockout mice.
Targets(IC50)	S1P Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4632 mL	12.3162 mL	24.6324 mL
5 mM	0.4926 mL	2.4632 mL	4.9265 mL
10 mM	0.2463 mL	1.2316 mL	2.4632 mL
50 mM	0.0493 mL	0.2463 mL	0.4926 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, Raje M, Gao M, et al. Sphingosine kinase type 2 inhibition elevates circulating sphingosine 1-phosphate. *Biochem J.* 2012;447(1):149-157.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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