

SLB1122168

Chemical Properties

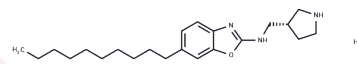
CAS No. :

Formula: C₂₂H₃₅N₃O.HCl

Molecular Weight: 394.00

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	SLB1122168, an inhibitor targeting the sphingosine-1-phosphate (S1P) transporter Spns2 (with an IC ₅₀ of 94 nM for the mouse transporter), selectively reduces circulating lymphocyte counts without altering plasma S1P concentrations in mice at a dosage of 10 mg/kg.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	Methanol: Soluble Ethanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5381 mL	12.6904 mL	25.3807 mL
5 mM	0.5076 mL	2.5381 mL	5.0761 mL
10 mM	0.2538 mL	1.269 mL	2.5381 mL
50 mM	0.0508 mL	0.2538 mL	0.5076 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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