

SLB1122168 formic

## Chemical Properties

CAS No. :

Formula: C<sub>23</sub>H<sub>37</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 403.56

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 is a potent inhibitor of Spns2-mediated sphingosine-1-phosphate (S1P) release, exhibiting an IC <sub>50</sub> value of 94 nM [1].
Targets(IC <sub>50</sub> )	LPL Receptor
In vivo	SLB1122168 (33p; 10 mg/kg; intraperitoneal injection; single dose) induced a dose-dependent reduction in circulating lymphocytes [1]. In rats, a dose of 10 mg/kg resulted in a peak concentration of 4 μM for SLB1122168 (33p) at 2 hours post-administration, with levels remaining ≥1 μM up to 24 hours and a half-life of 8 hours [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4779 mL	12.3897 mL	24.7795 mL
5 mM	0.4956 mL	2.4779 mL	4.9559 mL
10 mM	0.2478 mL	1.239 mL	2.4779 mL
50 mM	0.0496 mL	0.2478 mL	0.4956 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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