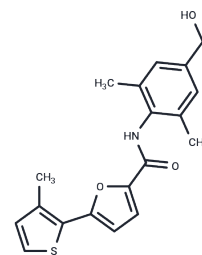


CYM50374

Chemical Properties

CAS No. : 1314212-81-1
 Formula: C₁₉H₁₉NO₃S
 Molecular Weight: 341.42
 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	CYM50374 inhibits Sphingosine-1-phosphate receptor 4 (S1P4) with an IC ₅₀ of μM.
Targets(IC ₅₀)	LPL Receptor,S1P Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (161.09 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9289 mL	14.6447 mL	29.2894 mL
5 mM	0.5858 mL	2.9289 mL	5.8579 mL
10 mM	0.2929 mL	1.4645 mL	2.9289 mL
50 mM	0.0586 mL	0.2929 mL	0.5858 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

Guerrero M, et al. Discovery, design and synthesis of the first reported potent and selective sphingosine-1-phosphate 4 (S1P4) receptor antagonists. Bioorg Med Chem Lett. 2011;21(12):3632-3636.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481