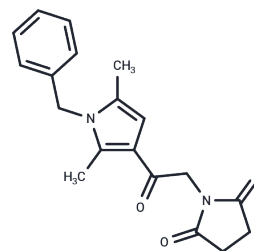


ML-031

Chemical Properties

CAS No. : 852230-33-2
 Formula: C₁₉H₂₀N₂O₃
 Molecular Weight: 324.37
 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	ML-031 activated S1P2 with an EC ₅₀ value of 1 μM in an S1P reporter assay.
Targets(IC ₅₀)	LPL Receptor,S1P Receptor

Solubility Information

Solubility	DMSO: 45 mg/mL (138.73 mM),Sonication is recommended. Ethanol: 5 mg/mL (15.41 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	3.0829 mL	15.4145 mL	30.829 mL
5 mM	0.6166 mL	3.0829 mL	6.1658 mL
10 mM	0.3083 mL	1.5414 mL	3.0829 mL
50 mM	0.0617 mL	0.3083 mL	0.6166 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

Satsu H,et al. A sphingosine 1-phosphate receptor 2 selective allosteric agonist[J]. Bioorganic & medicinal chemistry, 2013, 21(17): 5373-5382.

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