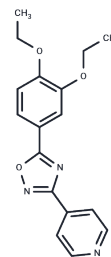


CYM5181

## Chemical Properties

CAS No. : 695155-81-8  
 Formula: C<sub>17</sub>H<sub>17</sub>N<sub>3</sub>O<sub>3</sub>  
 Molecular Weight: 311.34  
 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	CYM5181 is related to the body's immune system and can be used to study multiple sclerosis, transplant rejection, and adult respiratory distress syndrome.
Targets(IC50)	Others,LPL Receptor

## Solubility Information

Solubility	DMSO: 2.19 mg/mL (7.03 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	3.2119 mL	16.0596 mL	32.1192 mL
5 mM	0.6424 mL	3.2119 mL	6.4238 mL
10 mM	0.3212 mL	1.606 mL	3.2119 mL
50 mM	0.0642 mL	0.3212 mL	0.6424 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

- Teijaro JR, et al. Endothelial cells are central orchestrators of cytokine amplification during influenza virus infection. *Cell*. 2011;146(6):980-991.
- Gonzalez-Cabrera PJ, et al. S1P(1) receptor modulation with cyclical recovery from lymphopenia ameliorates mouse model of multiple sclerosis. *Mol Pharmacol*. 2012;81(2):166-174.

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