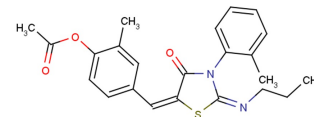


## S1PR1 modulator 1

## Chemical Properties

CAS No.:	T12821
Formula:	C <sub>23</sub> H <sub>24</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	408.51
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	S1PR1 modulator 1 is a selective inhibitor of S1PR1 (pIC <sub>50</sub> of 7.6, with >40- and >80-fold selectivity).
Targets(IC <sub>50</sub> )	S1PR1: 7.6(pIC <sub>50</sub> ) S1PR3: 6(pIC <sub>50</sub> )
In vitro	S1PR1 modulator 1 is selective at S1PR1 over S1PR3 (pIC <sub>50</sub> : 6), (S1PR2 and S1PR4, pIC <sub>50</sub> s, <5).

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.448 mL	12.24 mL	24.479 mL
5 mM	0.49 mL	2.448 mL	4.896 mL
10 mM	0.245 mL	1.224 mL	2.448 mL
50 mM	0.049 mL	0.245 mL	0.49 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Bell M, et al. Discovery of Soft-Drug Topical Tool Modulators of Sphingosine-1-phosphate Receptor 1 (S1PR1). ACS Med Chem Lett. 2019 Feb 14;10(3):341-347.

Inhibitors · Natural Compounds · Compound Libraries

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