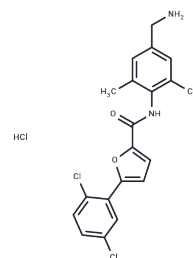


CYM 50358 hydrochloride (1314212-39-9 free base)

## Chemical Properties

CAS No. : 1781750-72-8  
 Formula: C<sub>20</sub>H<sub>19</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 425.73  
 Storage: Store at low temperature  
 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	CYM50358 HCl is an S1P4 antagonist.
Targets(IC50)	Others,LPL Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3489 mL	11.7445 mL	23.4891 mL
5 mM	0.4698 mL	2.3489 mL	4.6978 mL
10 mM	0.2349 mL	1.1745 mL	2.3489 mL
50 mM	0.047 mL	0.2349 mL	0.4698 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

- Onuma T, Tanabe K, Kito Y, Tsujimoto M, Uematsu K, Enomoto Y, Matsushima-Nishiwaki R, Doi T, Nagase K, Akamatsu S, Tokuda H, Ogura S, Iwama T, Kozawa O, Iida H. Sphingosine 1-phosphate (S1P) suppresses the collagen-induced activation of human platelets via S1P4 receptor. *Thromb Res.* 2017 Aug;156:91-100. doi: 10.1016/j.thromres.2017.06.001. Epub 2017 Jun 2. PubMed PMID: 28609704.
- Cencetti F, Bernacchioni C, Tonelli F, Roberts E, Donati C, Bruni P. TGFβ1 evokes myoblast apoptotic response via a novel signaling pathway involving S1P4 transactivation upstream of Rho-kinase-2 activation. *FASEB J.* 2013 Nov;27(11):4532-46. doi: 10.1096/fj.13-228528. Epub 2013 Aug 2. PubMed PMID: 23913862.

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