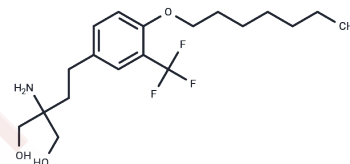


## Amiselimod

## Chemical Properties

CAS No. :	942399-20-4
Formula:	C <sub>19</sub> H <sub>30</sub> F <sub>3</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	377.44
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	Amiselimod (MT-1303) acts as a modulator for the sphingosine 1-phosphate receptor (S1P receptor). It converts to its active metabolite, (S)-amiselimod phosphate, through the action of sphingosine kinases (SPHKs), specifically targeting the S1P1 receptor. This results in improvement of autoimmune disease symptoms without inducing bradycardia.
Targets(IC50)	LPL Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6494 mL	13.2471 mL	26.4943 mL
5 mM	0.5299 mL	2.6494 mL	5.2989 mL
10 mM	0.2649 mL	1.3247 mL	2.6494 mL
50 mM	0.053 mL	0.2649 mL	0.5299 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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