

LMD-902

## Chemical Properties

CAS No. : 521979-59-9  
Formula: C<sub>28</sub>H<sub>34</sub>N<sub>2</sub>O<sub>6</sub>S  
Molecular Weight: 526.65  
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	LMD-902 is an analog of LMD-009 and acts as a CCR8 agonist with an EC <sub>50</sub> of 15 nM. It exhibits excellent binding affinity, which is reliant on crucial residues such as PheVI:16. LMD-902 can be utilized in research for inflammatory conditions like bronchial asthma and central nervous system diseases such as multiple sclerosis.
Targets(IC50)	CCR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8988 mL	9.494 mL	18.9879 mL
5 mM	0.3798 mL	1.8988 mL	3.7976 mL
10 mM	0.1899 mL	0.9494 mL	1.8988 mL
50 mM	0.038 mL	0.1899 mL	0.3798 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.

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