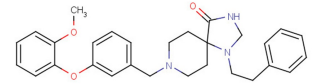


Data Sheet (Cat.No.T11862)

LMD-009

**Chemical Properties**

CAS No.: 950195-51-4  
 Formula: C<sub>29</sub>H<sub>33</sub>N<sub>3</sub>O<sub>3</sub>  
 Molecular Weight: 471.59  
 Appearance: N/A  
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



**Biological Description**

Description	LMD-009 mediates chemotaxis, inositol phosphate accumulation, and calcium release in high potencies with EC50s from 11 to 87 nM. LMD-009 is a selective CCR8 nonpeptide agonist.
Targets(IC <sub>50</sub> )	CCR8: 11-87 nM (EC <sub>50</sub> )

**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	2.12 mL	10.602 mL	21.205 mL
5 mM	0.424 mL	2.12 mL	4.241 mL
10 mM	0.212 mL	1.06 mL	2.12 mL
50 mM	0.042 mL	0.212 mL	0.424 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. Jensen PC, et al. Molecular interaction of a potent nonpeptide agonist with the chemokine receptor CCR8. Mol Pharmacol. 2007 Aug;72(2):327-40.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481