

MLN-3897 TFA

Chemical Properties

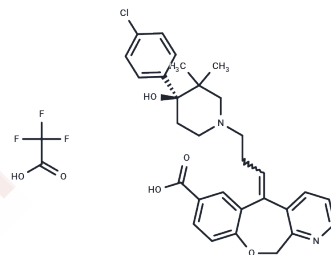
CAS No. :

Formula: C₃₂H₃₂ClF₃N₂O₆

Molecular Weight: 633.05

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	MLN-3897 TFA is a potent CCR1 antagonist that inhibits the binding of 125I-MIP-1α to THP-1 cell membranes.
Targets(IC50)	CCR

Solubility Information

Solubility	DMSO: 6.34 mg/mL (10.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5797 mL	7.8983 mL	15.7965 mL
5 mM	0.3159 mL	1.5797 mL	3.1593 mL
10 mM	0.158 mL	0.7898 mL	1.5797 mL
50 mM	0.0316 mL	0.158 mL	0.3159 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

Gilchrist A, et al. Identifying bias in CCR1 antagonists using radiolabelled binding, receptor internalization, β-arrestin translocation and chemotaxis assays. Br J Pharmacol. 2014 Nov;171(22):5127-38.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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