

## hMC1R agonist 1

## Chemical Properties

CAS No. :

Formula: C54H70N14O8S2

Molecular Weight: 1107.35

Keep away from moisture

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	hMC1R agonist 1, with an EC 50 of 3 nM, exhibits at least 300-fold higher selectivity for hMC1R compared to hMC3R (EC 50 >902 nM), hMC4R (EC 50 >915 nM), and hMC5R (EC 50 >1000 nM). This compound demonstrates potential for therapeutic applications in targeting the melanocortin family [1].
Targets(IC50)	Melanocortin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9031 mL	4.5153 mL	9.0306 mL
5 mM	0.1806 mL	0.9031 mL	1.8061 mL
10 mM	0.0903 mL	0.4515 mL	0.9031 mL
50 mM	0.0181 mL	0.0903 mL	0.1806 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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