

MC1

Chemical Properties

CAS No. :

Formula: C₂₃H₂₃N₃O₆S₂

Molecular Weight: 501.58

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	MC1, an effective NLRP3 inhibitor, exhibits a KD value of 19.3 nM and is devoid of cytotoxicity. This compound enhances cognitive function without causing adverse effects and exhibits no hepatotoxicity. MC1 holds potential for research in Alzheimer's disease.
Targets(IC50)	NOD-like Receptor (NLR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9937 mL	9.9685 mL	19.937 mL
5 mM	0.3987 mL	1.9937 mL	3.9874 mL
10 mM	0.1994 mL	0.9968 mL	1.9937 mL
50 mM	0.0399 mL	0.1994 mL	0.3987 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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