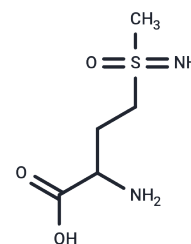


Methionine sulfoximine

Chemical Properties

CAS No. :	1982-67-8
Formula:	C ₅ H ₁₂ N ₂ O ₃ S
Molecular Weight:	180.23
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	Methionine sulfoximine (MSO) is an irreversible glutamine synthetase inhibitor. It is the sulfoximine derivative of methionine with convulsant effects.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5485 mL	27.7423 mL	55.4847 mL
5 mM	1.1097 mL	5.5485 mL	11.0969 mL
10 mM	0.5548 mL	2.7742 mL	5.5485 mL
50 mM	0.111 mL	0.5548 mL	1.1097 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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