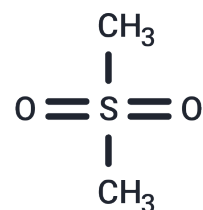


Dimethyl sulfone

Chemical Properties

CAS No. :	67-71-0
Formula:	C ₂ H ₆ O ₂ S
Molecular Weight:	94.13
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	Dimethyl sulfone exists in all living organisms, ranging from bacteria to humans. It derives from dietary sources, from intestinal bacterial metabolism and from human endogenous methanethiol metabolism. Dimethyl sulfone is a metabolite occurring in plasma and CSF of normal human.
Targets(IC50)	Endogenous Metabolite,Antibacterial

Solubility Information

Solubility	H ₂ O: 50 mg/mL (531.18 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	10.6236 mL	53.118 mL	106.2361 mL
5 mM	2.1247 mL	10.6236 mL	21.2472 mL
10 mM	1.0624 mL	5.3118 mL	10.6236 mL
50 mM	0.2125 mL	1.0624 mL	2.1247 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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