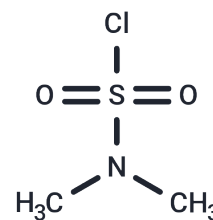


Dimethylsulfamoyl chloride

Chemical Properties

CAS No. :	13360-57-1
Formula:	C ₂ H ₆ ClNO ₂ S
Molecular Weight:	143.59
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dimethylsulfamoyl chloride (DMSC) is an organosulfur compound used in organic synthesis and laboratory reagents.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (348.21 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	6.9643 mL	34.8214 mL	69.6427 mL
5 mM	1.3929 mL	6.9643 mL	13.9285 mL
10 mM	0.6964 mL	3.4821 mL	6.9643 mL
50 mM	0.1393 mL	0.6964 mL	1.3929 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

Kevill DN, et al. Org Biomol Chem. 2006 Apr 21;4(8):1580-6.

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