

Allyl methyl trisulfide

Chemical Properties

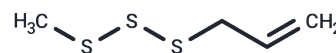
CAS No. : 34135-85-8

Formula: C₄H₈S₃

Molecular Weight: 152.3

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	Allyl methyl trisulfide, a volatile organic compound found in garlic (<i>Allium sativum</i> L.) essential oil, exhibits antibacterial, antioxidant, and antitumor activities [1].
Targets(IC50)	Others, Reactive Oxygen Species

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.566 mL	32.8299 mL	65.6599 mL
5 mM	1.3132 mL	6.566 mL	13.132 mL
10 mM	0.6566 mL	3.283 mL	6.566 mL
50 mM	0.1313 mL	0.6566 mL	1.3132 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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