

Diallyl Trisulfide

Chemical Properties

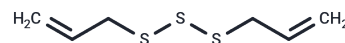
CAS No. : 2050-87-5

Formula: C₆H₁₀S₃

Molecular Weight: 178.34

Storage: Keep away from direct sunlight, Store under nitrogen
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	Diallyl Trisulfide is an organic polysulfide compound found in garlic that acts as an H ₂ S donor.
Targets(IC ₅₀)	Apoptosis, Bcl-2 Family, Reactive Oxygen Species, Antifungal, Influenza Virus, Interleukin, ROS

Solubility Information

Solubility	DMSO: 45 mg/mL (252.33 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	5.6073 mL	28.0363 mL	56.0727 mL
5 mM	1.1215 mL	5.6073 mL	11.2145 mL
10 mM	0.5607 mL	2.8036 mL	5.6073 mL
50 mM	0.1121 mL	0.5607 mL	1.1215 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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