

PROPYL DISULFIDE

Chemical Properties

CAS No. : 629-19-6

Formula: C₆H₁₄S₂

Molecular Weight: 150.31

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	PROPYL DISULFIDE is a natural product.
Targets(IC50)	Others,Cytochromes P450

Solubility Information

Solubility	DMSO: 55 mg/mL (365.91 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	6.6529 mL	33.2646 mL	66.5292 mL
5 mM	1.3306 mL	6.6529 mL	13.3058 mL
10 mM	0.6653 mL	3.3265 mL	6.6529 mL
50 mM	0.1331 mL	0.6653 mL	1.3306 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

Teyssier C , Siess M H . Metabolism of dipropyl disulfide by rat liver phase I and phase II enzymes and by isolated perfused rat liver[J]. Drug Metabolism & Disposition, 2000, 28(6):648-654.

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