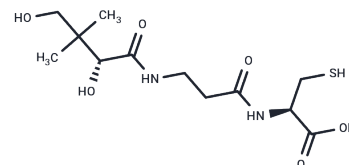


Pantothenoylcysteine

Chemical Properties

CAS No. : 13147-34-7
Formula: C₁₂H₂₂N₂O₆S
Molecular Weight: 322.38
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Pantothenoylcysteine is a bioactive chemical.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1019 mL	15.5096 mL	31.0193 mL
5 mM	0.6204 mL	3.1019 mL	6.2039 mL
10 mM	0.3102 mL	1.551 mL	3.1019 mL
50 mM	0.062 mL	0.3102 mL	0.6204 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.

Reference

Kupke T. Active-site residues and amino acid specificity of the bacterial 4'-phosphopantothenoylcysteine synthetase CoaB. Eur J Biochem. 2004 Jan;271(1):163-72. PubMed PMID: 14686929.

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