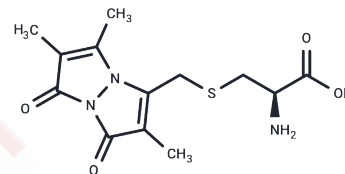


S-Bimanylcysteine

Chemical Properties

CAS No. :	87623-39-0
Formula:	C ₁₃ H ₁₇ N ₃ O ₄ S
Molecular Weight:	311.36
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	S-Bimanylcysteine is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2117 mL	16.0586 mL	32.1172 mL
5 mM	0.6423 mL	3.2117 mL	6.4234 mL
10 mM	0.3212 mL	1.6059 mL	3.2117 mL
50 mM	0.0642 mL	0.3212 mL	0.6423 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

- Bleuel C, Wesenberg D, Meyer AJ. Degradation of glutathione S-conjugates in *Physcomitrella patens* is initiated by cleavage of glycine. *Plant Cell Physiol.* 2011 Jul;52(7):1153-61. doi: 10.1093/pcp/pcr064. Epub 2011 May 25. PubMed PMID: 21616930.
- Vogel F, Lumper L. Fluorescence labelling of NADPH-cytochrome P-450 reductase with the monobromomethyl derivative of syn-9,10-dioxabimane. *Biochem J.* 1983 Oct 1;215(1):159-66. PubMed PMID: 6414464; PubMed Central PMCID: PMC1152376.

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