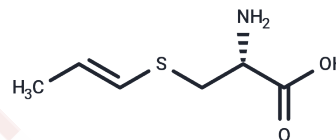


S-1-Propenyl-L-cysteine

Chemical Properties

CAS No. :	52438-09-2
Formula:	C6H11NO2S
Molecular Weight:	161.22
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-1-Propenyl-L-cysteine, a stereoisomer of S-allyl-L-cysteine, exhibits immunomodulatory effects and has been shown to decrease blood pressure in hypertensive animal models.
Targets(IC50)	Others, Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.2027 mL	31.0135 mL	62.027 mL
5 mM	1.2405 mL	6.2027 mL	12.4054 mL
10 mM	0.6203 mL	3.1014 mL	6.2027 mL
50 mM	0.1241 mL	0.6203 mL	1.2405 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

Kodera Y, et al. Chemical and Biological Properties of S-1-Propenyl-L-Cysteine in Aged Garlic Extract. *Molecules*. 2017 Mar 31;22(4).

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