

(RS)-Carbocisteine

Chemical Properties

CAS No. : 25390-17-4

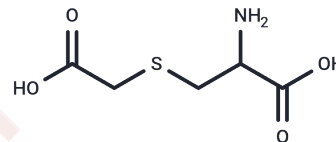
Formula: C₅H₉NO₄S

Molecular Weight: 179.19

Keep away from direct sunlight

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	(RS)-Carbocisteine, the S-carboxymethyl cysteine, is the inactive enantiomer of Carbocisteine.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 6 mg/mL (33.48 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5807 mL	27.9033 mL	55.8067 mL
5 mM	1.1161 mL	5.5807 mL	11.1613 mL
10 mM	0.5581 mL	2.7903 mL	5.5807 mL
50 mM	0.1116 mL	0.5581 mL	1.1161 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

Carbone V, et al. Structure-based discovery of human L-xylulose reductase inhibitors from database screening and molecular docking. *Bioorg Med Chem.* 2005 Jan 17;13(2):301-12.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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