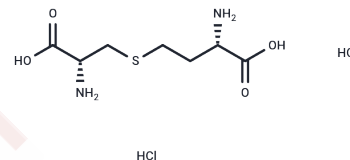


## L-Cystathionine (dihydrochloride)

## Chemical Properties

CAS No. : 61125-50-6  
 Formula: C7H16Cl2N2O4S  
 Molecular Weight: 295.184  
 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	L-Cystathionine dihydrochloride is a non-protein sulfur-containing compound that plays a critical role in the metabolism of sulfur-containing amino acids (amino acids). It helps prevent homocysteine-induced, mitochondria-dependent apoptosis (apoptosis) in human umbilical vein endothelial cells (HUVECs) and is important in cardiovascular protection.
Targets(IC50)	Apoptosis,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3878 mL	16.9388 mL	33.8776 mL
5 mM	0.6776 mL	3.3878 mL	6.7755 mL
10 mM	0.3388 mL	1.6939 mL	3.3878 mL
50 mM	0.0678 mL	0.3388 mL	0.6776 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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