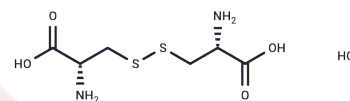


L-Cystine monohydrochloride

Chemical Properties

CAS No. : 438633-05-7
 Formula: C₆H₁₃ClN₂O₄S₂
 Molecular Weight: 276.76
 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-Cystine monohydrochloride is an amino acid where L-Cystine can be converted into L-Cysteine within the body. The conversion system of L-Cystine/L-Cysteine acts as a channel on the cell membrane, helping to maintain the intrinsic redox balance of [Escherichia coli].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6132 mL	18.0662 mL	36.1324 mL
5 mM	0.7226 mL	3.6132 mL	7.2265 mL
10 mM	0.3613 mL	1.8066 mL	3.6132 mL
50 mM	0.0723 mL	0.3613 mL	0.7226 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.

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