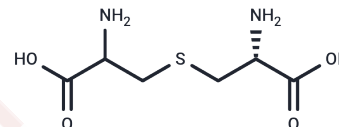


DL-Lanthionine

Chemical Properties

CAS No. : 3183-08-2
 Formula: C₆H₁₂N₂O₄S
 Molecular Weight: 208.24
 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	DL-Lanthionine is a unique amino acid and a monosulfide analog of cystine. It plays a crucial role as a component of peptide antibiotics known as wool sulfur amino acid antibiotics, including well-known examples such as nisin and subtilin.
Targets(IC50)	Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8022 mL	24.0108 mL	48.0215 mL
5 mM	0.9604 mL	4.8022 mL	9.6043 mL
10 mM	0.4802 mL	2.4011 mL	4.8022 mL
50 mM	0.096 mL	0.4802 mL	0.9604 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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