

egg white lysozyme (19-36) [Gallus gallus]

Chemical Properties

CAS No. :

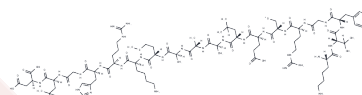
Formula: C86H144N28O23S2

Molecular Weight: 2002.37

Keep away from moisture

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	Hen egg-white lysozyme has a molecular weight of about 14,600 and each molecule comprises 129 amino acid residues ¹ . The activity of lysozyme in promoting the dissolution of bacterial cell walls is now known to depend upon its ability to catalyze the hydrolysis of,3-(1-4) glycosidic linkages between amino sugar residues in polysaccharide components of these cell walls ¹ .
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: ≥402.3 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4994 mL	2.497 mL	4.9941 mL
5 mM	0.0999 mL	0.4994 mL	0.9988 mL
10 mM	0.0499 mL	0.2497 mL	0.4994 mL
50 mM	0.010 mL	0.0499 mL	0.0999 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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