

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

Chemical Properties

CAS No.:	TP2244
Formula:	C ₈₆ H ₁₄₄ N ₂₈ O ₂₃ S ₂
Molecular Weight:	2002.37
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

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 .
-------------	---

Solubility Information

Solubility	DMSO: ≥402.3mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.499 mL	2.497 mL	4.994 mL
5 mM	0.1 mL	0.499 mL	0.999 mL
10 mM	0.05 mL	0.25 mL	0.499 mL
50 mM	0.01 mL	0.05 mL	0.1 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481