
Product Data Sheet

Product Name: Lysozyme (Muramidase)

Cat. No.: GC32682

Chemical Properties

Cas. No. 9001-63-2

SMILES Arg-Val-Val-Arg-Asp-Pro-Gln-Gly-Ile-Arg-Ala-Trp-Val-Ala-Trp-Arg-Asn-Arg

Formula M.Wt

Solubility Soluble in DMSO; H₂O : 4.76 mg/mL (ultrasonic and adjust pH to 4 with 0.1 M HCL) Store
Storage at -
20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Lysozyme is an antimicrobial enzyme produced by animals that forms part of the innate immune system.

[1]. Feingold DS, et al. Locus of the action of serum and the role of lysozyme in the serum bactericidal reaction. J Bacteriol. 1968 Dec;96(6):2118-26.

Caution: Product has not been fully validated for medical applications. For research use only.

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