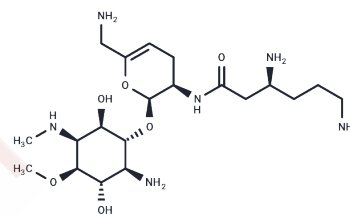


Lysinomicin

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 79528-70-4 |
| Formula: | C ₂₀ H ₄₀ N ₆ O ₆ |
| Molecular Weight: | 460.57 |
| 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 | Lysinomicin is a bioactive chemical. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1712 mL | 10.8561 mL | 21.7122 mL |
| 5 mM | 0.4342 mL | 2.1712 mL | 4.3424 mL |
| 10 mM | 0.2171 mL | 1.0856 mL | 2.1712 mL |
| 50 mM | 0.0434 mL | 0.2171 mL | 0.4342 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.

Reference

- Rogers J, Davies J. The pseudodisaccharides: a novel class of group I intron splicing inhibitors. *Nucleic Acids Res.* 1994 Nov 25;22(23):4983-8. Erratum in: *Nucleic Acids Res* 1995 Feb 11;23(3):540. PubMed PMID: 7800490; PubMed Central PMCID: PMC523767.
- Kurath P, Rosenbrook W Jr, Dunnigan DA, McAlpine JB, Egan RS, Stanaszek RS, Cirovic M, Mueller SL, Washburn WH. Lysinomicin, a new aminoglycoside antibiotic. II. Structure and stereochemistry. *J Antibiot (Tokyo)*. 1984 Oct;37(10):1130-43. PubMed PMID: 6501087.
- Kurath P, Stanaszek RS, Cirovic M. 4-N-Aminoacylation of substances derived from lysinomicin. *J Antibiot (Tokyo)*. 1982 Oct;35(10):1338-44. PubMed PMID: 7174518.

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