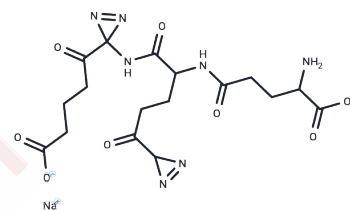


Azotomycin monosodium

Chemical Properties

CAS No. :	22204-48-4
Formula:	C ₁₇ H ₂₂ N ₇ NaO ₈
Molecular Weight:	475.39
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	Azotomycin monosodium is an antibiotic used for the therapy of a number of bacterial infections.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1035 mL	10.5177 mL	21.0354 mL
5 mM	0.4207 mL	2.1035 mL	4.2071 mL
10 mM	0.2104 mL	1.0518 mL	2.1035 mL
50 mM	0.0421 mL	0.2104 mL	0.4207 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

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- Catane R, Von Hoff DD, Glaubiger DL, Muggia FM. Azaserine, DON, and azotomycin: three diazo analogs of L-glutamine with clinical antitumor activity. *Cancer Treat Rep.* 1979 Jun;63(6):1033-8. Review. PubMed PMID: 380801.
- Chang P, Wiernik PH. Phase II study of azotomycin in sarcomas. *Cancer Treat Rep.* 1977 Dec;61(9):1719-20. PubMed PMID: 340036.
- Kisner DL, Catane R, Muggia FM. The rediscovery of DON (6-diazo-5-oxo-L-norleucine). *Recent Results Cancer Res.* 1980;74:258-63. PubMed PMID: 7192426.

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