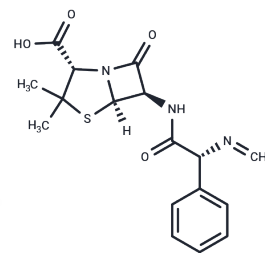


Metampicillin

Chemical Properties

CAS No. :	6489-97-0
Formula:	C ₁₇ H ₁₉ N ₃ O ₄ S
Molecular Weight:	361.42
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	Metampicillin is a semi-synthetic penicillin.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7669 mL	13.8343 mL	27.6686 mL
5 mM	0.5534 mL	2.7669 mL	5.5337 mL
10 mM	0.2767 mL	1.3834 mL	2.7669 mL
50 mM	0.0553 mL	0.2767 mL	0.5534 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

- Saselli M, Fusaroli M, Maver A, Stallone C. [The use of methampicillin in the treatment of urinary tract infections]. *Minerva Urol.* 1970 May-Jun;22(3):112-20. Italian. PubMed PMID: 5492645.
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- Farina G, Zedda S. [Treatment of exacerbations of chronic bronchitis with methampicillin]. *Minerva Med.* 1971 Mar 17;62(22):1174-81. Italian. PubMed PMID: 5551949.
- Dureux JB, Canton P, Pecqueux JL, Belleville F, Biava MF, Chanteclair G. [Cerebrospinal fluid distribution of metampicillin (author's transl)]. *Pathol Biol (Paris).* 1977 Dec;25(10):699-703. French. PubMed PMID: 349485.

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