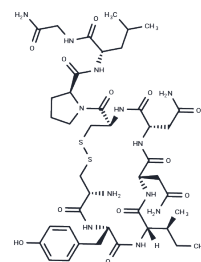


Aspartocin

Chemical Properties

CAS No. :	4117-65-1
Formula:	C ₄₂ H ₆₄ N ₁₂ O ₁₂ S ₂
Molecular Weight:	993.16
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	Aspartocin is a antibiotic in the class of lipocyclopeptide.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0069 mL	5.0344 mL	10.0689 mL
5 mM	0.2014 mL	1.0069 mL	2.0138 mL
10 mM	0.1007 mL	0.5034 mL	1.0069 mL
50 mM	0.0201 mL	0.1007 mL	0.2014 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

- REDIN GS, McCOY ME. Aspartocin. IV. Activity against experimental infections in mice. *Antibiot Annu.* 1959-1960;7: 213-9. PubMed PMID: 14436824.
- SHAY AJ, ADAM J, MARTIN JH, HAUSMANN WK, SHU P, BOHONOS N. Aspartocin. I. Production, isolation, and characteristics. *Antibiot Annu.* 1959-1960;7:194-8. PubMed PMID: 14445666.
- DARKEN MA, JENSEN AL, SHU P. Aspartocin. II. Fermentation studies. *Antibiot Annu.* 1959-1960;7:199-204. PubMed PMID: 13814120.
- Hausmann WK, Borders DB, Lancaster JE. Alpha, beta-diaminobutyric acid obtained from aspartocin. *J Antibiot (Tokyo).* 1969 May;22(5):207-10. PubMed PMID: 5811392.

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