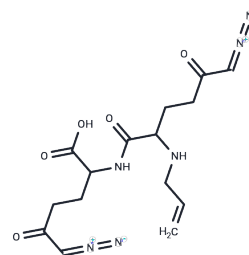


## Alazopeptin

## Chemical Properties

CAS No. :	1397-84-8
Formula:	C <sub>15</sub> H <sub>20</sub> N <sub>6</sub> O <sub>5</sub>
Molecular Weight:	364.362
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	Alazopeptin is an antitumor antibiotic. It has trypanocidal properties.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7445 mL	13.7227 mL	27.4454 mL
5 mM	0.5489 mL	2.7445 mL	5.4891 mL
10 mM	0.2745 mL	1.3723 mL	2.7445 mL
50 mM	0.0549 mL	0.2745 mL	0.5489 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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- DE VOE SE, RIGLER NE, SHAY AJ, MARTIN JH, BOYD TC, BACKUS EJ, MOWAT JH, BOHONOS N. Alazopeptin; production, isolation, and chemical characteristics. *Antibiot Annu*. 1956-1957:730-5. PubMed PMID: 13425456.
- Ishiyama A, Otoguro K, Namatame M, Nishihara A, Furusawa T, Masuma R, Shiomi K, Takahashi Y, Ichimura M, Yamada H, Omura S. In vitro and in vivo antitrypanosomal activity of two microbial metabolites, KS-505a and alazopeptin. *J Antibiot* (Tokyo). 2008 Oct;61(10):627-32. doi: 10.1038/ja.2008.83. PubMed PMID: 19168977.
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