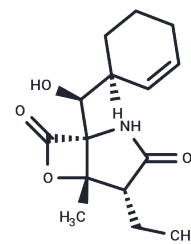


Salinosporamide B

Chemical Properties

CAS No. :	863126-95-8
Formula:	C ₁₅ H ₂₁ N ₁ O ₄
Molecular Weight:	279.33
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	Salinosporamide B is a deschloro analog isolated from the marine Actinomycete <i>Salinispora tropica</i> .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.580 mL	17.900 mL	35.7999 mL
5 mM	0.716 mL	3.580 mL	7.160 mL
10 mM	0.358 mL	1.790 mL	3.580 mL
50 mM	0.0716 mL	0.358 mL	0.716 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

- Beer LL, Moore BS. Biosynthetic convergence of salinosporamides A and B in the marine actinomycete *Salinispora tropica*. *Org Lett*. 2007 Mar 1;9(5):845-8. Epub 2007 Feb 3. PubMed PMID: 17274624.
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- Manam RR, Macherla VR, Tsueng G, Dring CW, Weiss J, Neuteboom ST, Lam KS, Potts BC. Antiprotealide is a natural product. *J Nat Prod*. 2009 Feb 27;72(2):295-7. doi: 10.1021/np800578e. PubMed PMID: 19133779.
- Tsueng G, McArthur KA, Potts BC, Lam KS. Unique butyric acid incorporation patterns for salinosporamides A and B reveal distinct biosynthetic origins. *Appl Microbiol Biotechnol*. 2007 Jul;75(5):999-1005. Epub 2007 Mar 6. PubMed PMID: 17340108.

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