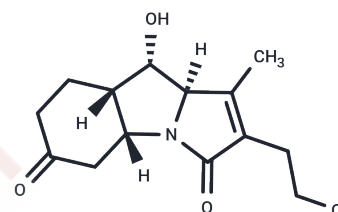


Salinosporamide C

Chemical Properties

CAS No. :	863126-96-9
Formula:	C ₁₄ H ₁₈ ClNO ₃
Molecular Weight:	283.75
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 C is a decarboxylated pyrrole analogue isolated from the marine Actinomycete <i>Salinispora tropica</i> .
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5242 mL	17.6211 mL	35.2423 mL
5 mM	0.7048 mL	3.5242 mL	7.0485 mL
10 mM	0.3524 mL	1.7621 mL	3.5242 mL
50 mM	0.0705 mL	0.3524 mL	0.7048 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

- Dineshkumar K, Vasudevan A, Hopper W. Ligand Based-Pharmacophore Modeling and Extended Bioactivity Prediction for Salinosporamide A, B and C from Marine Actinomycetes *Salinispora tropica*. Comb Chem High Throughput Screen. 2017;20(1):3-19. doi: 10.2174/1386207319666161215154128. PubMed PMID: 28000560.
- Williams PG, Buchanan GO, Feling RH, Kauffman CA, Jensen PR, Fenical W. New cytotoxic salinosporamides from the marine Actinomycete *Salinispora tropica*. J Org Chem. 2005 Aug 5;70(16):6196-203. PubMed PMID: 16050677.
- Tsueng G, Sing Lam K. Effect of cobalt and vitamin B12 on the production of salinosporamides by *Salinispora tropica*. J Antibiot (Tokyo). 2009 Apr;62(4):213-6. doi: 10.1038/ja.2009.7. Epub 2009 Feb 6. PubMed PMID: 19198638.

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