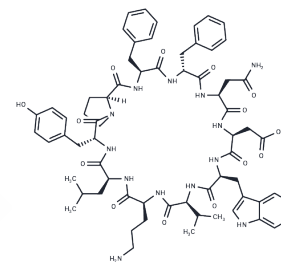


Loloatin B 10

Chemical Properties

CAS No. :	182422-45-3
Formula:	C67H85N13O14
Molecular Weight:	1296.494
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Loloatin B 10 is a bioactive chemical.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7713 mL	3.8566 mL	7.7131 mL
5 mM	0.1543 mL	0.7713 mL	1.5426 mL
10 mM	0.0771 mL	0.3857 mL	0.7713 mL
50 mM	0.0154 mL	0.0771 mL	0.1543 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

- Tuin AW, Grotenbreg GM, Spalburg E, de Neeling AJ, Mars-Groenendijk RH, van der Marel GA, Noort D, Overkleeft HS, Overhand M. Structural and biological evaluation of some loloatin C analogues. *Bioorg Med Chem*. 2009 Sep 1; 17(17):6233-40. doi: 10.1016/j.bmc.2009.07.049. Epub 2009 Jul 25. PubMed PMID: 19679485.
- Krachkovskii SA, Sobol' AG, Ovchinnikova TV, Tagaev AA, Iakimenko ZA, Azizbekian RR, Kuznetsova NI, Shamshina TN, Arsen'ev AS. [Isolation, biological properties, and spatial structure of an antibiotic loloatin A]. *Bioorg Khim*. 2002 Jul-Aug;28(4):298-302. Russian. PubMed PMID: 12197385.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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