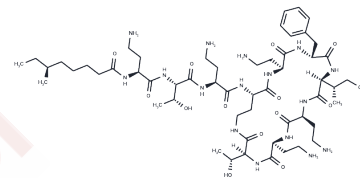


Polymyxin B1-i

Chemical Properties

CAS No. :	811435-10-6
Formula:	C ₅₆ H ₉₈ N ₁₆ O ₁₃
Molecular Weight:	1203.48
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	Polymyxin B1-i is a polypeptide antibiotic.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8309 mL	4.1546 mL	8.3092 mL
5 mM	0.1662 mL	0.8309 mL	1.6618 mL
10 mM	0.0831 mL	0.4155 mL	0.8309 mL
50 mM	0.0166 mL	0.0831 mL	0.1662 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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- Bergen PJ, Bulman ZP, Saju S, Bulitta JB, Landersdorfer C, Forrest A, Li J, Nation RL, Tsuji BT. Polymyxin combinations: pharmacokinetics and pharmacodynamics for rationale use. *Pharmacotherapy*. 2015 Jan;35(1):34-42. doi: 10.1002/phar.1537. Review. PubMed PMID: 25630411; PubMed Central PMCID: PMC5215892.
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