

Teixobactin

Chemical Properties

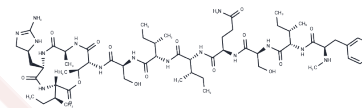
CAS No. : 1613225-53-8

Formula: C₅₈H₉₅N₁₅O₁₅

Molecular Weight: 1242.488

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	Teixobactin is a recently described antibiotic . It is a new class produced by a hitherto undescribed soil microorganism (provisionally named Eleftheria terrae).
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8048 mL	4.0242 mL	8.0484 mL
5 mM	0.161 mL	0.8048 mL	1.6097 mL
10 mM	0.0805 mL	0.4024 mL	0.8048 mL
50 mM	0.0161 mL	0.0805 mL	0.161 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

Piddock LJ. Teixobactin, the first of a new class of antibiotics discovered by iChip technology? *J Antimicrob Chemother.* 2015 Oct;70(10):2679-80. doi: 10.1093/jac/dkv175. Epub 2015 Jun 18. Review. PubMed PMID: 26089440.

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