

Linezolid-D3

Chemical Properties

CAS No. :	1127120-38-0
Formula:	C ₁₆ H ₂₀ FN ₃ O ₄
Molecular Weight:	340.36
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	Linezolid-D3 is a synthetic antibiotic designed to halt the initiation of bacterial protein synthesis.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9381 mL	14.6903 mL	29.3807 mL
5 mM	0.5876 mL	2.9381 mL	5.8761 mL
10 mM	0.2938 mL	1.469 mL	2.9381 mL
50 mM	0.0588 mL	0.2938 mL	0.5876 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

Perry CM, Jarvis B. Linezolid: a review of its use in the management of serious gram-positive infections. *Drugs*. 2001;61(4):525-51.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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