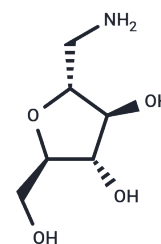


1-Amino-2,5-anhydro-1-deoxy-D-mannitol

Chemical Properties

CAS No. :	228862-97-3
Formula:	C ₆ H ₁₃ NO ₄
Molecular Weight:	163.17
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	1-Amino-2,5-anhydro-1-deoxy-D-mannitol is a potent antibacterial compound effective against various Gram-positive bacteria, including methicillin-resistant Staphylococcus aureus (MRSA) and vancomycin-resistant Enterococcus (VRE). Its application potential lies in its ability to combat common antibiotic-resistant bacterial infections effectively. 1-Amino-2,5-anhydro-1-deoxy-D-mannitol may emerge as a novel antimicrobial agent in clinical inhibition.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1286 mL	30.6429 mL	61.2858 mL
5 mM	1.2257 mL	6.1286 mL	12.2572 mL
10 mM	0.6129 mL	3.0643 mL	6.1286 mL
50 mM	0.1226 mL	0.6129 mL	1.2257 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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