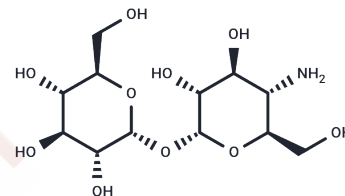


4-Trehalosamine

Chemical Properties

CAS No. :	51855-99-3
Formula:	C ₁₂ H ₂₃ N ₁ O ₁₀
Molecular Weight:	341.31
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	4-Trehalosamine, a microbial metabolite identified in Streptomyces, exhibits antibiotic properties. Demonstrating efficacy in cup assays, it is active against E. coli, K. pneumoniae, and B. subtilis at concentrations of 0.5, 1, and 2 mg/mL.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9299 mL	14.6494 mL	29.2989 mL
5 mM	0.586 mL	2.9299 mL	5.8598 mL
10 mM	0.293 mL	1.4649 mL	2.9299 mL
50 mM	0.0586 mL	0.293 mL	0.586 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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