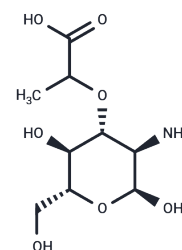


Muramic acid

Chemical Properties

CAS No. :	1114-41-6
Formula:	C ₉ H ₁₇ NO ₇
Molecular Weight:	251.23
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	Muramic acid is a prevalent constituent found in the cell walls of Gram-positive bacteria, serving as a distinguishing marker for such bacteria[1].
Targets(IC50)	Others,Endogenous Metabolite,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9804 mL	19.9021 mL	39.8042 mL
5 mM	0.7961 mL	3.9804 mL	7.9608 mL
10 mM	0.398 mL	1.9902 mL	3.9804 mL
50 mM	0.0796 mL	0.398 mL	0.7961 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

Lappalainen MHJ, et, al. High indoor microbial levels are associated with reduced Th1 cytokine secretion capacity in infancy. Int Arch Allergy Immunol. 2012; 159(2): 194-203.

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