

Muramic acid HCl

Chemical Properties

CAS No. : 55226-93-2

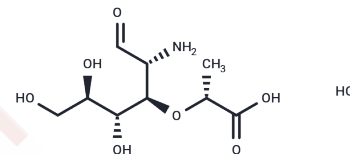
Formula: C₉H₁₈ClNO₇

Molecular Weight: 287.7

Keep away from moisture

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 HCl is part of the peptidoglycan in the cell wall of many Gram-positive bacteria.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4758 mL	17.3792 mL	34.7584 mL
5 mM	0.6952 mL	3.4758 mL	6.9517 mL
10 mM	0.3476 mL	1.7379 mL	3.4758 mL
50 mM	0.0695 mL	0.3476 mL	0.6952 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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