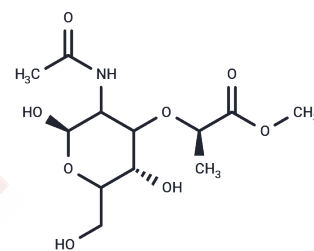


N-Acetylmuramic acid methyl ester

Chemical Properties

CAS No. :	99689-20-0
Formula:	C ₁₂ H ₂₁ N ₀ O ₈
Molecular Weight:	307.3
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	N-Acetylmuramic acid methyl ester is a biochemical reagent utilized in glycobiology research. Glycobiology examines the structure, synthesis, biology, and evolution of sugars. It encompasses carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan recognition, and the roles of glycans within biological systems. This field is closely linked to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2541 mL	16.2707 mL	32.5415 mL
5 mM	0.6508 mL	3.2541 mL	6.5083 mL
10 mM	0.3254 mL	1.6271 mL	3.2541 mL
50 mM	0.0651 mL	0.3254 mL	0.6508 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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