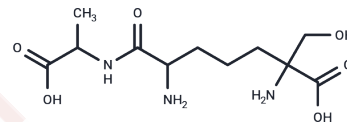


N-(2,6-Diamino-6-hydroxymethylpimelyl)-L-alanine

Chemical Properties

CAS No. : 77625-76-4
 Formula: C₁₁H₂₁N₃O₆
 Molecular Weight: 291.30
 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-(2,6-Diamino-6-hydroxymethylpimelyl)-L-alanine exhibits activity against Escherichia coli and shows significant synergistic antibacterial effects when used in combination with various cell wall synthesis inhibitors such as fosfomycin, cycloserine, penicillin, cephalosporin, and sporidin.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4329 mL	17.1644 mL	34.3289 mL
5 mM	0.6866 mL	3.4329 mL	6.8658 mL
10 mM	0.3433 mL	1.7164 mL	3.4329 mL
50 mM	0.0687 mL	0.3433 mL	0.6866 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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