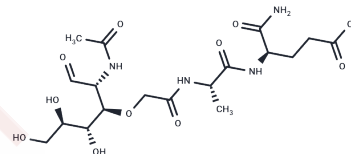


Almurtide

Chemical Properties

CAS No. :	61136-12-7
Formula:	C ₁₈ H ₃₀ N ₄ O ₁₁
Molecular Weight:	478.45
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	Almurtide (nor-MDP), a derivative of muramyl dipeptide, exhibits anti-inflammatory and anti-tumor properties. It demonstrates protective effects in mice against infections caused by <i>Pseudomonas aeruginosa</i> when administered intraperitoneally and <i>Candida albicans</i> when administered intravenously. Furthermore, Almurtide has been shown to inhibit the carcinogenic Friend leukemia virus [1] [2] [3].
Targets(IC50)	Others, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0901 mL	10.4504 mL	20.9008 mL
5 mM	0.418 mL	2.0901 mL	4.1802 mL
10 mM	0.209 mL	1.045 mL	2.0901 mL
50 mM	0.0418 mL	0.209 mL	0.418 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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