

Pediocin PA 1

Chemical Properties

CAS No. :	111745-56-3
Formula:	C196H293N61O60S5
Molecular Weight:	4624.12
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Pedocin PA-1, a broad-spectrum lactic acid bacterial bacteriocin, inhibits the activity of foodborne pathogens including <i>Listeria monocytogenes</i> and Gram-positive bacteria, and can be utilized as a food biopreservative [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2163 mL	1.0813 mL	2.1626 mL
5 mM	0.0433 mL	0.2163 mL	0.4325 mL
10 mM	0.0216 mL	0.1081 mL	0.2163 mL
50 mM	0.0043 mL	0.0216 mL	0.0433 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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