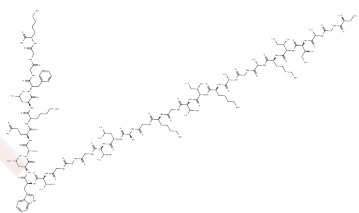


Garvicin KS, GakC

Chemical Properties

CAS No. :	2098351-26-7
Formula:	C143H240N38O36S
Molecular Weight:	3099.73
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	Garvicin KS is a 32-amino-acid peptide that, in collaboration with two other peptides, GakA and GakB, constitutes the bacteriocin GarKS. This compound impairs fibroblast viability and proliferation and exhibits antimicrobial activity against MSSA, demonstrating minimum inhibitory concentration (MIC) values ranked as GakB > GakC > GakA [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3226 mL	1.613 mL	3.2261 mL
5 mM	0.0645 mL	0.3226 mL	0.6452 mL
10 mM	0.0323 mL	0.1613 mL	0.3226 mL
50 mM	0.0065 mL	0.0323 mL	0.0645 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481