

Temporin SHF

Chemical Properties

CAS No. : 1802175-40-1

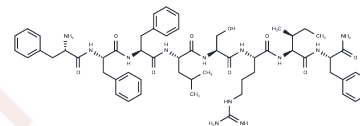
Formula: C57H78N12O9

Molecular Weight: 1075.3

Keep away from moisture

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	Temporin SHF is an antimicrobial peptide with broad-spectrum antimicrobial activity against Gram-positive bacteria, Gram-negative bacteria and yeast, and is non-hemolytic. Its mechanism of action is to disrupt the accumulation of acyl chains in the anionic lipid bilayer of microorganisms, resulting in the formation and disintegration of microbial membrane cracks. This compound has application potential in antibacterial development.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.930 mL	4.6499 mL	9.2997 mL
5 mM	0.186 mL	0.930 mL	1.8599 mL
10 mM	0.093 mL	0.465 mL	0.930 mL
50 mM	0.0186 mL	0.093 mL	0.186 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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