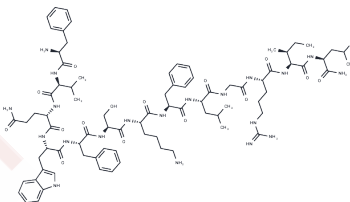


Temporin L

Chemical Properties

CAS No. :	188713-81-7
Formula:	C83H122N20O15
Molecular Weight:	1640.014
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	Temporin L, a potent antimicrobial peptide, exhibits activity against Gram-negative bacteria and yeast strains, as well as demonstrating antiendotoxin properties.
Targets(IC50)	Antibacterial,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6098 mL	3.0488 mL	6.0975 mL
5 mM	0.122 mL	0.6098 mL	1.2195 mL
10 mM	0.061 mL	0.3049 mL	0.6098 mL
50 mM	0.0122 mL	0.061 mL	0.122 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.

Reference

Elisabetta Buommino, et al. The Outcomes of Decorated Prolines in the Discovery of Antimicrobial Peptides from Temporin-L. ChemMedChem. 2019 Jul 3;14(13):1283-1290.

Andrea Giacometti, et al. Interaction of antimicrobial peptide temporin L with lipopolysaccharide in vitro and in experimental rat models of septic shock caused by gram-negative bacteria. Antimicrob Agents Chemother. 2006 Jul;50(7):2478-86.

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