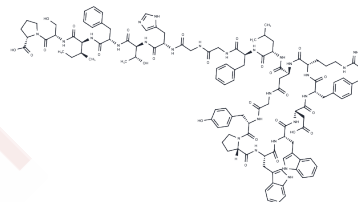


## Propeptin

## Chemical Properties

CAS No. :	146764-30-9
Formula:	C113H142N26O27
Molecular Weight:	2296.50
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	Propeptin is a peptide antibiotic composed of 19 amino acids. It exhibits weak activity against <i>Pseudomonas aeruginosa</i> , <i>Monobacterium</i> , and <i>Xanthomonas oryzae</i> . Propeptin has no effect on tumor cell lines KB and L1210; however, it inhibits prolyl endopeptidase.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4354 mL	2.1772 mL	4.3545 mL
5 mM	0.0871 mL	0.4354 mL	0.8709 mL
10 mM	0.0435 mL	0.2177 mL	0.4354 mL
50 mM	0.0087 mL	0.0435 mL	0.0871 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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