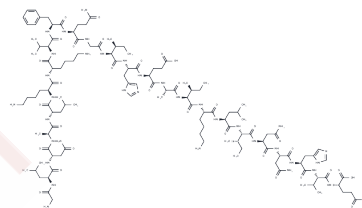


## Pseudin-2

## Chemical Properties

CAS No. :	388602-02-6
Formula:	C122H202N36O32
Molecular Weight:	2685.13
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	Pseudin-2, an antimicrobial peptide (AMP) isolated from the skin of the South American paradoxical frog ( <i>Pseudis paradoxa</i> ), demonstrates a potent inhibitory effect on the growth of Gram-negative bacteria [1].
Targets(IC50)	Antibacterial, Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3724 mL	1.8621 mL	3.7242 mL
5 mM	0.0745 mL	0.3724 mL	0.7448 mL
10 mM	0.0372 mL	0.1862 mL	0.3724 mL
50 mM	0.0074 mL	0.0372 mL	0.0745 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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