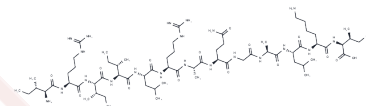


## BING

## Chemical Properties

CAS No. :	2396407-35-3
Formula:	C67H125N21O15
Molecular Weight:	1464.84
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	BING is an antimicrobial peptide isolated from Japanese medaka fish. It exhibits broad-spectrum toxicity against pathogenic bacteria, including resistant strains. BING disrupts the periplasmic peptidyl-prolyl isomerase in Gram-negative bacteria and reduces RNA levels of cpxR, which plays a crucial role in the development of antibiotic resistance.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6827 mL	3.4133 mL	6.8267 mL
5 mM	0.1365 mL	0.6827 mL	1.3653 mL
10 mM	0.0683 mL	0.3413 mL	0.6827 mL
50 mM	0.0137 mL	0.0683 mL	0.1365 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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