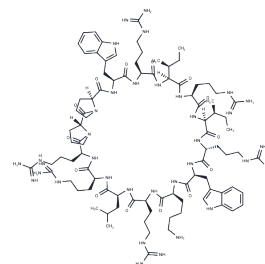


JB-95

## Chemical Properties

CAS No. :	1873323-60-4
Formula:	C92H151N35O14
Molecular Weight:	1971.41
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	JB-95 is a $\beta$ -hairpin macrocyclic peptide that exhibits potent antibacterial activity against Escherichia coli. It selectively disrupts the outer membrane of E. coli without affecting the inner membrane.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5073 mL	2.5363 mL	5.0725 mL
5 mM	0.1015 mL	0.5073 mL	1.0145 mL
10 mM	0.0507 mL	0.2536 mL	0.5073 mL
50 mM	0.0101 mL	0.0507 mL	0.1015 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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