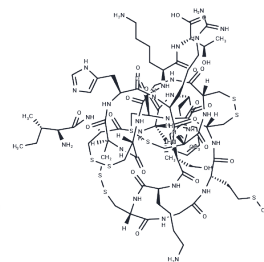


## Hepcidin-20 (human)

## Chemical Properties

CAS No. :	342790-23-2
Formula:	C85H135N27O23S9
Molecular Weight:	2191.73
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	Hepcidin-20 (human), a peptide characterized by its histidine content, cysteine-rich composition, and $\beta$ -sheet structure, exhibits antifungal properties. Furthermore, it effectively inhibits biofilm formation and disrupts the metabolism of bacterial cells in both polysaccharide intercellular adhesin (PIA)-positive and PIA-negative strains [1] [2] [3].
Targets(IC50)	Antibacterial, Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4563 mL	2.2813 mL	4.5626 mL
5 mM	0.0913 mL	0.4563 mL	0.9125 mL
10 mM	0.0456 mL	0.2281 mL	0.4563 mL
50 mM	0.0091 mL	0.0456 mL	0.0913 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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