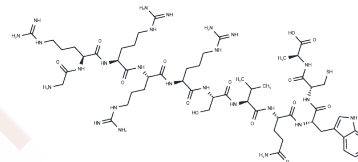


HLF1-11

Chemical Properties

CAS No. :	183623-03-2
Formula:	C56H95N25O14S
Molecular Weight:	1374.58
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	HLF1-11, derived from human lactoferrin, serves as a broad-spectrum antimicrobial agent. It not only inhibits human MPO (myeloperoxidase) activity but also influences GM-CSF (granulocyte-macrophage colony-stimulating factor)-driven monocyte differentiation into macrophages, thereby augmenting immune responses [1] [2].
Targets(IC50)	Glutathione Peroxidase, Antibacterial, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7275 mL	3.6375 mL	7.2749 mL
5 mM	0.1455 mL	0.7275 mL	1.455 mL
10 mM	0.0727 mL	0.3637 mL	0.7275 mL
50 mM	0.0145 mL	0.0727 mL	0.1455 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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