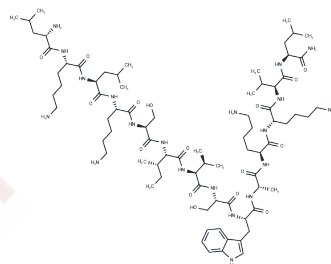


Mastoparan B

Chemical Properties

CAS No. :	137354-65-5
Formula:	C78H138N20O16
Molecular Weight:	1612.05
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	Mastoparan B, an antimicrobial peptide originating from the hornet <i>Vespa</i> , induces morphological changes in red blood cells, transforming their typical discoid shape into a serrated configuration [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6203 mL	3.1016 mL	6.2033 mL
5 mM	0.1241 mL	0.6203 mL	1.2407 mL
10 mM	0.062 mL	0.3102 mL	0.6203 mL
50 mM	0.0124 mL	0.062 mL	0.1241 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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