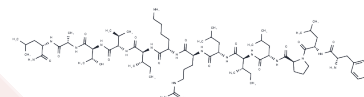


## Crabrolin

## Chemical Properties

CAS No. :	93207-22-8
Formula:	C74H130N18O14
Molecular Weight:	1495.94
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	Crabrolin is a 13-peptide that can be extracted from the venom of the European hornet ( <i>Vespa crabro</i> ). Its minimum inhibitory concentration/minimum bactericidal concentration (MIC/MBC) values against <i>Staphylococcus aureus</i> ( <i>S. aureus</i> ) (NCTC 10788), methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) (NCTC 12493), and <i>Enterococcus faecium</i> ( <i>E. faecium</i> ) (NTCC 12697) are 2/2, 16/64, and 4/8 $\mu\text{M}$ , respectively.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6685 mL	3.3424 mL	6.6848 mL
5 mM	0.1337 mL	0.6685 mL	1.337 mL
10 mM	0.0668 mL	0.3342 mL	0.6685 mL
50 mM	0.0134 mL	0.0668 mL	0.1337 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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