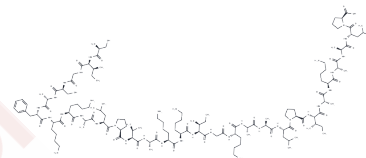


Ceratotxin B

Chemical Properties

CAS No. :	150671-05-9
Formula:	C135H235N35O32
Molecular Weight:	2860.53
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	Ceratotoxins B, an antibacterial peptide, is produced by sexually mature females of <i>Ceratitis capitata</i> (medfly).
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3496 mL	1.7479 mL	3.4959 mL
5 mM	0.0699 mL	0.3496 mL	0.6992 mL
10 mM	0.035 mL	0.1748 mL	0.3496 mL
50 mM	0.007 mL	0.035 mL	0.0699 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.

Reference

Marchini D, et al. Purification and primary structure of ceratotxin A and B, two antibacterial peptides from the female reproductive accessory glands of the medfly *Ceratitis capitata* (Insecta:Diptera). *Insect Biochem Mol Biol.* 1993 Jul;23(5):591-8.

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