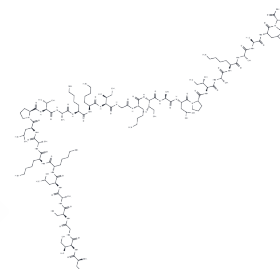


Ceratotxin A

Chemical Properties

CAS No. :	150671-04-8
Formula:	C135H243N35O32
Molecular Weight:	2868.59
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	Ceratotxin A is a 29-residue peptide extracted from the accessory gland secretion fluid, known for its potent antibacterial properties.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3486 mL	1.743 mL	3.486 mL
5 mM	0.0697 mL	0.3486 mL	0.6972 mL
10 mM	0.0349 mL	0.1743 mL	0.3486 mL
50 mM	0.007 mL	0.0349 mL	0.0697 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481