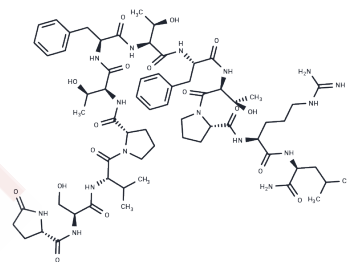


Locustapyrokinin II

Chemical Properties

CAS No. :	151812-20-3
Formula:	C65H98N16O17
Molecular Weight:	1375.594
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	Locustapyrokinin II is a member of the FXPRL-amide peptide family isolated from <i>Locusta migratoria</i> .
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.727 mL	3.6348 mL	7.2696 mL
5 mM	0.1454 mL	0.727 mL	1.4539 mL
10 mM	0.0727 mL	0.3635 mL	0.727 mL
50 mM	0.0145 mL	0.0727 mL	0.1454 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

Schoofs L, Holman GM, Nachman R, Proost P, Van Damme J, De Loof A. Isolation, identification and synthesis of locustapyrokinin II from *Locusta migratoria*, another member of the FXPRL-amide peptide family. *Comp Biochem Physiol C*. 1993 Sep;106(1):103-9. PubMed PMID: 7903606.

Abernathy RL, Nachman RJ, Teal PE, Yamashita O, Tumlinson JH. Pheromonotropic activity of naturally occurring pyrokinin insect neuropeptides (FXPRLamide) in *Helicoverpa zea*. *Peptides*. 1995;16(2):215-9. PubMed PMID: 7784251.

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