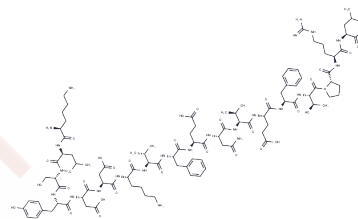


## Pheromonotropin (pseudaletia separata)

## Chemical Properties

CAS No. :	141281-40-5
Formula:	C101H155N25O30
Molecular Weight:	2199.46
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	Pheromonotropin (Pseudaletia separata) (Pss-PT), a C-terminal pentapeptide FXPRL-amide pheromone of the armyworm (Pseudaletia separata), is a member of the PK/PBAN family that induces sex pheromone production in moths, mediates feeding through intestinal muscle contraction, influences development processes such as embryonic and pupal diapause and pupation, and enhances defense mechanisms against predators [1].
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4547 mL	2.2733 mL	4.5466 mL
5 mM	0.0909 mL	0.4547 mL	0.9093 mL
10 mM	0.0455 mL	0.2273 mL	0.4547 mL
50 mM	0.0091 mL	0.0455 mL	0.0909 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.

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