

## Verlamein A

## Chemical Properties

CAS No. :	1619244-34-6
Formula:	C45H71N7O11
Molecular Weight:	886.1
Storage:	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	Verlamein A is a macrocyclic peptide with antifungal and antiviral properties. It exhibits antifungal activity against <i>Aspergillus ochraceus</i> and <i>Curvularia australiensis</i> , and it also shows antiviral activity against HSV-1 (IC <sub>50</sub> = 16.7 μM). Verlamein A can be isolated from the entomopathogenic fungus [ <i>Lecanicillium</i> sp.]. It is useful for antifungal and antiviral research.
Targets(IC <sub>50</sub> )	HSV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1285 mL	5.6427 mL	11.2854 mL
5 mM	0.2257 mL	1.1285 mL	2.2571 mL
10 mM	0.1129 mL	0.5643 mL	1.1285 mL
50 mM	0.0226 mL	0.1129 mL	0.2257 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481