

## VAMP

## Chemical Properties

CAS No. :

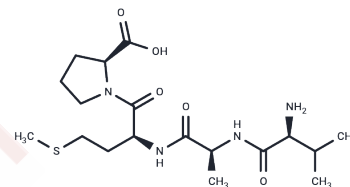
Formula: C18H32N4O5S

Molecular Weight: 416.535

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	VAMP is a tetrapeptide that acts as a competitive dipeptidyl peptidase IV (DPP-IV) inhibitor, exhibiting an IC <sub>50</sub> of 1.00 μM and a K <sub>d</sub> of 6.89 μM. It effectively targets the DPP-IV-GLP-1 axis and is utilized in the research of type 2 diabetes.
Targets(IC <sub>50</sub> )	Proteasome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4007 mL	12.0036 mL	24.0073 mL
5 mM	0.4801 mL	2.4007 mL	4.8015 mL
10 mM	0.2401 mL	1.2004 mL	2.4007 mL
50 mM	0.048 mL	0.2401 mL	0.4801 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

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