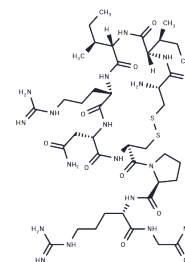


## Conopressin S

## Chemical Properties

CAS No. :	111317-90-9
Formula:	C41H73N17O10S2
Molecular Weight:	1028.26
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	Conopressin S, isolated from *Conus striatus*, exhibits high affinity for the vasopressin V1b receptor (AVPR1B) with a $K_i$ of 8.3 nM.
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## Solubility Information

Solubility	H2O: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9725 mL	4.8626 mL	9.7252 mL
5 mM	0.1945 mL	0.9725 mL	1.945 mL
10 mM	0.0973 mL	0.4863 mL	0.9725 mL
50 mM	0.0195 mL	0.0973 mL	0.1945 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

Dutertre S, et al. Conopressin-T from *Conus tulipa* reveals an antagonist switch in vasopressin-like peptides. *J Biol Chem.* 2008 Mar 14;283(11):7100-8.

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