

Conopressin S acetate(111317-90-9 free base)

Chemical Properties

CAS No. :

Formula: C43H77N17O12S2

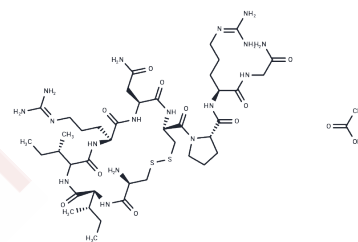
Molecular Weight: 1088.32

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	Conopressin S acetate(111317-90-9 free base) (Con-S acetate) is a natural product isolated from <i>Conus striatus</i> , shows high affinity with vasopressin V1b receptor (AVPR1B), with a K_i of 8.3 nM.
Targets(IC50)	Vasopressin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9188 mL	4.5942 mL	9.1885 mL
5 mM	0.1838 mL	0.9188 mL	1.8377 mL
10 mM	0.0919 mL	0.4594 mL	0.9188 mL
50 mM	0.0184 mL	0.0919 mL	0.1838 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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