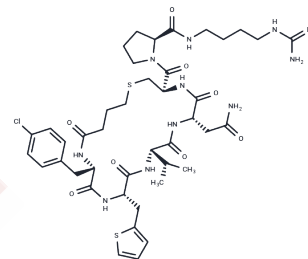


Velmupressin

Chemical Properties

CAS No. :	1647119-61-6
Formula:	C42H60ClN11O8S2
Molecular Weight:	946.58
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	c(Bua-Cpa-Thi-Val-Asn-Cys)-Pro-d-Arg-NEt ₂ is a selective and short-acting peptidic V2 receptor (V2R) agonist with EC ₅₀ s of 0.07nM and 0.02 nM for hv2R and rv2R, respectively.
Targets(IC50)	Vasopressin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0564 mL	5.2822 mL	10.5643 mL
5 mM	0.2113 mL	1.0564 mL	2.1129 mL
10 mM	0.1056 mL	0.5282 mL	1.0564 mL
50 mM	0.0211 mL	0.1056 mL	0.2113 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

Wiśniewski K, et al. Discovery of Potent, Selective, and Short-Acting Peptidic V2 Receptor Agonists. J Med Chem. 2019 May 23;62(10):4991-5005.

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