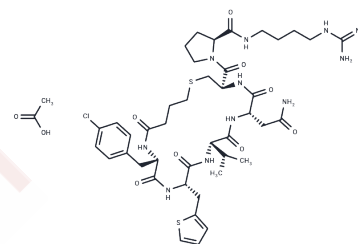


Velmupressin acetate

Chemical Properties

CAS No. :	1647120-04-4
Formula:	C44H64ClN11O10S2
Molecular Weight:	1006.63
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 acetate is a potent, selective and short-acting peptidic V2 receptor (V2R) agonist with EC ₅₀ s of 0.07 and 0.02 nM for hV2R and rV2R, respectively.
Targets(IC50)	Vasopressin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9934 mL	4.9671 mL	9.9341 mL
5 mM	0.1987 mL	0.9934 mL	1.9868 mL
10 mM	0.0993 mL	0.4967 mL	0.9934 mL
50 mM	0.0199 mL	0.0993 mL	0.1987 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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