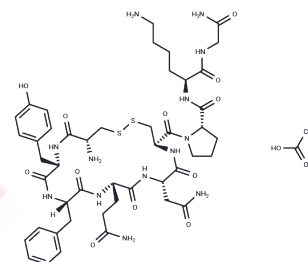


Lysipressin acetate(50-57-7(fb_acetate))

Chemical Properties

CAS No. :	83968-49-4
Formula:	C48H69N13O14S2
Molecular Weight:	1116.28
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Lysipressin acetate(50-57-7(fb_acetate)) ([Lys8]-Vasopressin acetate) , Induces contraction of the rabbit urinary bladder smooth muscle, activate adenylate-cyclase. Lysipressin is Antidiuretic hormone that have been found in pigs and some marsupial families.
Targets(IC50)	Others,AChR

Solubility Information

Solubility	DMSO: 11.17 mg/mL (10.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (1.79 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8958 mL	4.4792 mL	8.9583 mL
5 mM	0.1792 mL	0.8958 mL	1.7917 mL
10 mM	0.0896 mL	0.4479 mL	0.8958 mL
50 mM	0.0179 mL	0.0896 mL	0.1792 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

Gorbulev V et al. Molecular cloning and functional characterization of V2 [8-lysine] vasopressin and oxytocin receptors from a pig kidney cell line. Eur J Biochem. 1993 Jul 1;215(1):1-7.

Crankshaw D et al. [Arg8]vasopressin-induced contractions of rabbit urinary bladder smooth muscle. Eur J Pharmacol. 1989 Dec 7;173(2-3):183-8.

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