

Ornipressin Acetate(3397-23-7,free)

Chemical Properties

CAS No. : 914453-98-8

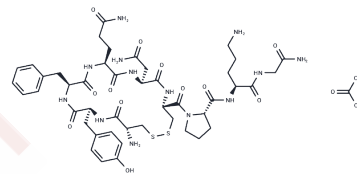
Formula: C47H67N13O124S2

Molecular Weight: 1102.25

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	Ornipressin Acetate (POR-8) is a potent vasoconstrictor, hemostatic and renal agent.
Targets(IC50)	Others,Vasopressin Receptor
In vivo	Ornipressin Acetate at a concentration of 10 (-2) u. ml-1 is useful for skin hemostasis; this low concentration can reduce the total dose and side effects[1].

Solubility Information

Solubility	DMSO: 10 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9072 mL	4.5362 mL	9.0724 mL
5 mM	0.1814 mL	0.9072 mL	1.8145 mL
10 mM	0.0907 mL	0.4536 mL	0.9072 mL
50 mM	0.0181 mL	0.0907 mL	0.1814 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

Fruhstorfer H, Heisler M. Dose-response relation of ornipressin with regard to vasoconstriction in human skin. Br J Anaesth. 1994;73(2):220-224. doi:10.1093/bja/73.2.220

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