

Oxytocin acetate

Chemical Properties

CAS No. : 6233-83-6

Formula: C45H70N12O14S2

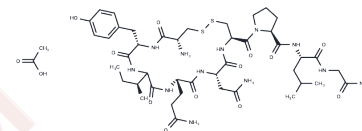
Molecular Weight: 1067.23

Storage:

Keep away from moisture, Keep away from direct sunlight, Store at low temperature

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	Oxytocin acetate (α -Hypophamine acetate) is a mammalian neurohypophysial hormone, a ligand of oxytocin receptor.
Targets(IC50)	Endogenous Metabolite, Oxytocin Receptor

Solubility Information

Solubility	DMSO: 250 mg/mL (234.25 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 (1.87 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	0.937 mL	4.685 mL	9.3701 mL
5 mM	0.1874 mL	0.937 mL	1.874 mL
10 mM	0.0937 mL	0.4685 mL	0.937 mL
50 mM	0.0187 mL	0.0937 mL	0.1874 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

Oxytocin, From Wikipedia

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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