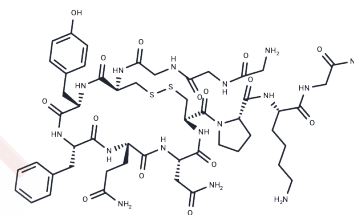


Terlipressin

Chemical Properties

CAS No. :	14636-12-5
Formula:	C52H74N16O15S2
Molecular Weight:	1227.37
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	Terlipressin is a potent vasoconstrictor that acts via V1 receptors on arteriolar smooth muscle cells.
Targets(IC50)	Others,Vasopressin Receptor

Solubility Information

Solubility	DMSO: 100 mg/mL (81.48 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: 3.3 mg/mL (2.69 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	0.8148 mL	4.0738 mL	8.1475 mL
5 mM	0.163 mL	0.8148 mL	1.6295 mL
10 mM	0.0815 mL	0.4074 mL	0.8148 mL
50 mM	0.0163 mL	0.0815 mL	0.163 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

Jao YT et al. Refractory torsade de pointes induced by terlipressin (Glypressin). Int J Cardiol, 2016 Jul 30, 222:135-140.

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