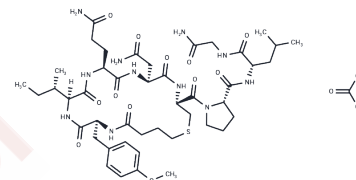


## Carbetocin acetate

### Chemical Properties

CAS No. :	1631754-28-3
Formula:	C47H73N11O14S
Molecular Weight:	1048.22
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	Carbetocin acetate is an obstetric drug used to control postpartum hemorrhage and bleeding after giving birth.
Targets(IC50)	Oxytocin Receptor

### Solubility Information

Solubility	DMSO: 125 mg/mL (119.25 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 (1.91 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	0.954 mL	4.770 mL	9.540 mL
5 mM	0.1908 mL	0.954 mL	1.908 mL
10 mM	0.0954 mL	0.477 mL	0.954 mL
50 mM	0.0191 mL	0.0954 mL	0.1908 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

Theunissen F J , Lester C , Pujar Y V . Current research on carbetocin and implications for prevention of postpartum haemorrhage[J]. Reproductive Health, 2018, 15(S1):94-.

Dykens E M , Miller J , Angulo M , et al. Intranasal carbetocin reduces hyperphagia in individuals with Prader-Willi syndrome[J]. Jci Insight, 2018.

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