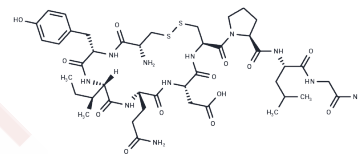


[Asp5]-Oxytocin

Chemical Properties

CAS No. :	65907-78-0
Formula:	C43H65N11O13S2
Molecular Weight:	1008.18
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	[Asp5]-Oxytocin is the first 5-position neurohypophyseal hormone analogue with significant biological activity.
Targets(IC50)	Oxytocin Receptor
In vitro	[Asp5]-Oxytocin not only maintains a high affinity for the uterotonic receptor but also demonstrates intrinsic activity equivalent to that of oxytocin under various experimental conditions[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9919 mL	4.9594 mL	9.9189 mL
5 mM	0.1984 mL	0.9919 mL	1.9838 mL
10 mM	0.0992 mL	0.4959 mL	0.9919 mL
50 mM	0.0198 mL	0.0992 mL	0.1984 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

Walter R, et al. [5-Aspartic acid]-oxytocin: first 5-position neurohypophyseal hormone analogue possessing significant biological activity. J Am Chem Soc. 1978;100(3):792-793.

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