

## [Asp5]-Oxytocin acetate

## Chemical Properties

CAS No. :

Formula: C45H69N11O15S2

Molecular Weight: 1068.22

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	[Asp5]-Oxytocin acetate is a neurohypophyseal hormone analogue positioned at the 5-position, noted for its significant biological activity. It stimulates uterine contractions in vitro, an effect that is amplified by the presence of Mg 2+. Furthermore, this compound exhibits rat uteroconstrictor, avian vasodilator, and rat antidiuretic capabilities.
Targets(IC50)	Oxytocin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9361 mL	4.6807 mL	9.3614 mL
5 mM	0.1872 mL	0.9361 mL	1.8723 mL
10 mM	0.0936 mL	0.4681 mL	0.9361 mL
50 mM	0.0187 mL	0.0936 mL	0.1872 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.

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