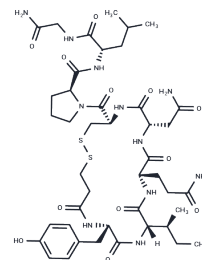


Demoxytocin

Chemical Properties

CAS No. :	113-78-0
Formula:	C43H65N11O12S2
Molecular Weight:	992.17
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	Demoxytocin, an analog of oxytocin and a heterodetic cyclic peptide, enhances cell membrane permeability to elevate calcium ion levels in smooth muscle cells, thereby augmenting contraction, including the smooth muscles of the uterus. This compound mirrors oxytocin's function and is utilized in studies focusing on labor induction following premature rupture [1].
Targets(IC50)	Oxytocin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0079 mL	5.0395 mL	10.0789 mL
5 mM	0.2016 mL	1.0079 mL	2.0158 mL
10 mM	0.1008 mL	0.5039 mL	1.0079 mL
50 mM	0.0202 mL	0.1008 mL	0.2016 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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