



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Demoxytocin

## Chemical Properties

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| CAS No. :         | 113-78-0                                                                            |
| Formula:          | C43H65N11O12S2                                                                      |
| Molecular Weight: | 992.17                                                                              |
| Appearance:       | no data available                                                                   |
| Storage:          | keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year |

## 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]. |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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