



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Magainin 1 acetate

## Chemical Properties

CAS No. :

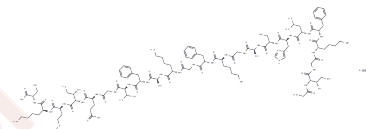
Formula: C114H181N29O30S

Molecular Weight: 2469.9

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                                                                                                                                                                                                         |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Magainin 1 acetate is an antimicrobial peptide. Magainin 1 acetate exhibits antibiotic activity against numerous Gram-negative and Gram-positive bacteria.                                                                              |
| Targets(IC50) | Antibacterial,Antibiotic,Antifungal                                                                                                                                                                                                     |
| In vitro      | According to the Langmuir isotherm, Magainin 1 acetate binds to bovine brain phosphatidylserine sonicated vesicles with a binding constant of $3.8 \times 10^5 \text{ M}^{-1}$ and a binding-site number of 0.10 per lipid molecule[2]. |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.4049 mL | 2.0244 mL | 4.0487 mL |
| 5 mM  | 0.081 mL  | 0.4049 mL | 0.8097 mL |
| 10 mM | 0.0405 mL | 0.2024 mL | 0.4049 mL |
| 50 mM | 0.0081 mL | 0.0405 mL | 0.081 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

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481