

## Magainin 1 acetate

## Chemical Properties

CAS No. :

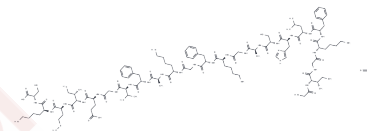
Formula: C114H181N29O30S

Molecular Weight: 2469.9

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	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.

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**

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

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