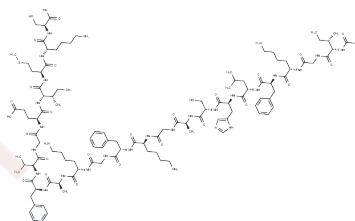


## Magainin 1

## Chemical Properties

CAS No. :	108433-99-4
Formula:	C112H177N29O28S
Molecular Weight:	2409.85
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	Magainin 1 is an antimicrobial and amphipathic peptide isolated from the skin of <i>Xenopus laevis</i> .
Targets(IC50)	Antibacterial, Antibiotic, Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.415 mL	2.0748 mL	4.1496 mL
5 mM	0.083 mL	0.415 mL	0.8299 mL
10 mM	0.0415 mL	0.2075 mL	0.415 mL
50 mM	0.0083 mL	0.0415 mL	0.083 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.

## Reference

Duclohier H, et al. Antimicrobial peptide magainin I from *Xenopus* skin forms anion-permeable channels in planar lipid bilayers. *Biophys J.* 1989 Nov;56(5):1017-21.

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