

Magainin 1 TFA (108433-99-4 free base)

Chemical Properties

CAS No. :

Formula: C114H178N29F3O30S

Molecular Weight: 2523.87

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 TFA is an antimicrobial amphiphilic peptide isolated from xenopus skin.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3962 mL	1.9811 mL	3.9622 mL
5 mM	0.0792 mL	0.3962 mL	0.7924 mL
10 mM	0.0396 mL	0.1981 mL	0.3962 mL
50 mM	0.0079 mL	0.0396 mL	0.0792 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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