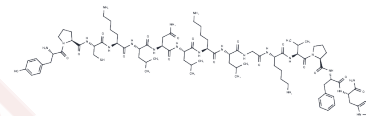


## Periplanetasin-2

## Chemical Properties

CAS No. :	2055935-42-5
Formula:	C84H134N22O17S
Molecular Weight:	1756.17
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	Periplanetasin-2 is an antimicrobial peptide that induces oxidative stress by generating reactive oxygen species (ROS) and initiating lipid peroxidation. Additionally, Periplanetasin-2 can trigger apoptosis.
Targets(IC50)	Apoptosis, Antibacterial, ROS

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5694 mL	2.8471 mL	5.6942 mL
5 mM	0.1139 mL	0.5694 mL	1.1388 mL
10 mM	0.0569 mL	0.2847 mL	0.5694 mL
50 mM	0.0114 mL	0.0569 mL	0.1139 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.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481