

## Helodormin

## Chemical Properties

CAS No. :	89468-62-2
Formula:	C176H285N47O49
Molecular Weight:	3843.5
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	Helodormin, a vasoactive intestinal peptide (VIP) helodermin-like peptide, is isolated from the venom of the Mexican beaded lizard ( <i>Heloderma suspectum</i> ). It modulates intracellular signaling by activating adenylyl cyclase, thereby influencing various cellular functions. This compound is used in research to explore the evolution and functions of the helodermin-like and VIP peptide families.
Targets(IC50)	AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2602 mL	1.3009 mL	2.6018 mL
5 mM	0.052 mL	0.2602 mL	0.5204 mL
10 mM	0.026 mL	0.1301 mL	0.2602 mL
50 mM	0.0052 mL	0.026 mL	0.052 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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