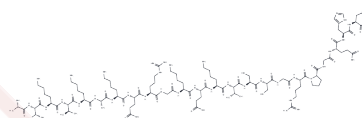


## AtPep1

## Chemical Properties

CAS No. :	902781-11-7
Formula:	C104H183N39O32
Molecular Weight:	2491.81
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	AtPep1 is an inducible peptide found in plants. It can activate the transcription of the defense gene defensin (PDF1.2) and stimulate the production of H <sub>2</sub> O <sub>2</sub> , both of which are components of the innate immune response against pathogens. AtPep1 can be isolated from Arabidopsis leaf extracts.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4013 mL	2.0066 mL	4.0131 mL
5 mM	0.0803 mL	0.4013 mL	0.8026 mL
10 mM	0.0401 mL	0.2007 mL	0.4013 mL
50 mM	0.008 mL	0.0401 mL	0.0803 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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