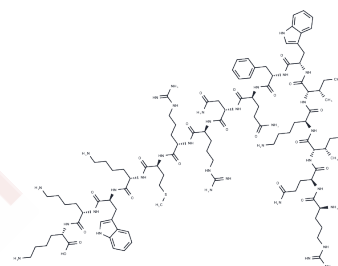


## Antennapedia Peptide

## Chemical Properties

CAS No. :	188842-14-0
Formula:	C104H168N34O20S
Molecular Weight:	2246.8
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	Antennapedia Peptide is a 16 amino acid peptide corresponding to the region within the Drosophila Antennapedia DNA binding domain that is mapped to be responsible for cellular internalization.
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## Solubility Information

Solubility	H2O: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4451 mL	2.2254 mL	4.4508 mL
5 mM	0.089 mL	0.4451 mL	0.8902 mL
10 mM	0.0445 mL	0.2225 mL	0.4451 mL
50 mM	0.0089 mL	0.0445 mL	0.089 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

Imesch P, et al. Conjugates of cytochrome c and antennapedia peptide activate apoptosis and inhibit proliferation of HeLa cancer cells. *Exp Ther Med.* 2013 Sep;6(3):786-790. Epub 2013 Jul 4.

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