

## Antennapedia Peptide TFA

## Chemical Properties

CAS No. :

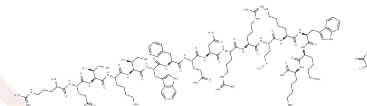
Formula: C106H169F3N34O22S

Molecular Weight: 2360.75

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	Antennapedia Peptide TFA (188842-14-0 free base), a peptide of 16 amino acids, is a member of the family of Cell-penetrating peptides, originally derived from the 60 amino acid long homeodomain of the Drosophila transcription factor Antennapedia.
Targets(IC50)	Others

## Solubility Information

Solubility	H2O: 100 mg/mL (42.36 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4236 mL	2.118 mL	4.2359 mL
5 mM	0.0847 mL	0.4236 mL	0.8472 mL
10 mM	0.0424 mL	0.2118 mL	0.4236 mL
50 mM	0.0085 mL	0.0424 mL	0.0847 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

Pietersz GA, et al. A 16-mer peptide (RQIKIWFQNRRMKWKK) from antennapedia preferentially targets the Class I pathway. Vaccine. 2001 Jan 8;19(11-12):1397-405.

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