

Parasin I (TFA)(219552-69-9,free)

## Chemical Properties

CAS No. :

Formula: C<sub>82</sub>H<sub>154</sub>N<sub>34</sub>O<sub>24</sub>.C<sub>2</sub>H<sub>4</sub>F<sub>3</sub>O<sub>2</sub>

Molecular Weight: 2114.33

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	Parasin I (TFA) is a 19-amino acid histone H2A-derived peptide isolated from the skin of the catfish, and shows antimicrobial activity[1].
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## Solubility Information

Solubility	H <sub>2</sub> O: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.473 mL	2.3648 mL	4.7296 mL
5 mM	0.0946 mL	0.473 mL	0.9459 mL
10 mM	0.0473 mL	0.2365 mL	0.473 mL
50 mM	0.0095 mL	0.0473 mL	0.0946 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

Koo YS, et al. Structure-activity relations of parasin I, a histone H2A-derived antimicrobial peptide. Peptides. 2008 Jul;29(7):1102-8.

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