

RW4 TFA

Chemical Properties

CAS No. :

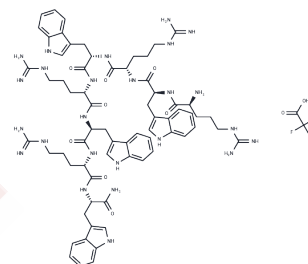
Formula: C68H91N25O8.XCF3COOH

Molecular Weight: 1386.60

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

RW4, an antimicrobial peptide, exhibits activity against *E. coli* and *S. aureus*, with IC50 values of 9.6 and 5.1 μM , respectively. Additionally, it induces hemolysis of isolated ovine erythrocytes.

Solubility Information

Solubility

H2O: Soluble
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7212 mL	3.6059 mL	7.2119 mL
5 mM	0.1442 mL	0.7212 mL	1.4424 mL
10 mM	0.0721 mL	0.3606 mL	0.7212 mL
50 mM	0.0144 mL	0.0721 mL	0.1442 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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