

EP2

## Chemical Properties

CAS No. : 749252-78-6

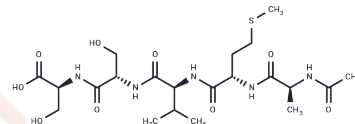
Formula: C<sub>21</sub>H<sub>37</sub>N<sub>5</sub>O<sub>9</sub>S

Molecular Weight: 535.61

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	EP2, an antimicrobial peptide with both antibacterial and antifungal properties, exhibits inhibitory effects against <i>E. gallinarum</i> , <i>P. pyocyanea</i> , <i>A. baumannii</i> , and <i>K. terrigena</i> , displaying a minimum inhibitory concentration (MIC) value of 11.4 µg/mL [1].
Targets(IC50)	Antibacterial, Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.867 mL	9.3352 mL	18.6703 mL
5 mM	0.3734 mL	1.867 mL	3.7341 mL
10 mM	0.1867 mL	0.9335 mL	1.867 mL
50 mM	0.0373 mL	0.1867 mL	0.3734 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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