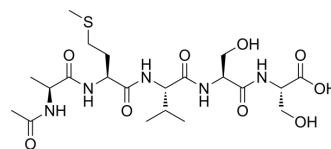


## EP2

Cat. No.:	HY-P5701
CAS No.:	749252-78-6
Molecular Formula:	C <sub>21</sub> H <sub>37</sub> N <sub>5</sub> O <sub>9</sub> S
Molecular Weight:	535.61
Sequence:	Ac-Ala-Met-Val-Ser-Ser
Sequence Shortening:	Ac-AMVSS
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	EP2 is an antimicrobial peptide. EP2 has antibacterial and antifungal activities. EP2 inhibits <i>E. gallinarum</i> , <i>P. pyocyanea</i> , <i>A. baumannii</i> , <i>K. terrigena</i> with a MIC value of 11.4 µg/mL <sup>[1]</sup> .
-------------	---

## REFERENCES

[1]. Chelinho S, et al. Toxicity of the bionematicide 1,4-naphthoquinone on non-target soil organisms. *Chemosphere*. 2017 Aug;181:579-588.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA