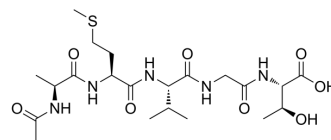


EP3

Cat. No.:	HY-P5702
CAS No.:	749252-79-7
Molecular Formula:	C ₂₁ H ₃₇ N ₅ O ₈ S
Molecular Weight:	519.61
Sequence:	Ac-Ala-Met-Val-Gly-Thr
Sequence Shortening:	Ac-AMVGT
Target:	Bacterial; Apoptosis; Fungal
Pathway:	Anti-infection; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EP3 is an antimicrobial peptide. EP3 has antibacterial and antifungal activities. EP3 inhibits *E. gallinarum*, *P. pyocyanea*, *A. baumannii*, *K. terrigena* with a MIC value of 12.85 µg/mL. EP3 also shows antitumor activity against cancer cells, and induces cell apoptosis^[1].

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.

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