

## Pezadeftide

Cat. No.:	HY-P3384
CAS No.:	1907724-92-8
Molecular Formula:	$C_{234}H_{380}N_{70}O_{66}S_8$
Molecular Weight:	5486.47
Sequence:	Ala-Lys-Val-Cys-Thr-Lys-Pro-Ser-Lys-Phe-Phe-Lys-Gly-Leu-Cys-Gly-Thr-Asp-Gly-Ala-Cys-Thr-Thr-Ala-Cys-Arg-Lys-Glu-Gly-Leu-His-Ser-Gly-Tyr-Cys-Gln-Leu-Lys-Gly-Phe-Leu-Asn-Ser-Val-Cys-Val-Cys-Arg-Lys-His-Cys
Sequence Shortening:	AKVCTKPSKFFKGLCGTDGACTTACRKEGLHSGYCQLKGFLNSVCVCRKHC
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Pezadeftide is a potent antifungal peptide. Pezadeftide can enter fungal cells and cause a rapid mitochondrial response that results in hyperpolarization of the mitochondrial membrane<sup>[1]</sup>.

### REFERENCES

[1]. Nicole L, et al. 32994 Pezadeftide is a potent antifungal peptide with rapid fungicidal activity via a unique mechanism of action. J AM ACAD DERMATOL. 2022, 87, 3.

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

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