

Histatin-8

Cat. No.:	HY-P2365
CAS No.:	127637-03-0
Molecular Formula:	C ₇₀ H ₉₉ N ₂₅ O ₁₇
Molecular Weight:	1562.69
Sequence Shortening:	KFHEKHSHRGY
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Histatin-8 is a part of the Histatin-3 central sequence and is known as hemagglutination-inhibiting peptide. Histatin-8 is a potent anti-fungal peptide. Histatin-8 shows antimicrobial activity against yeast strains. Histatin-8 can be used for oral thrush research ^{[1][2]} .
In Vitro	Histatin-8 can inhibit the growth of both sensitive standard strain and colistin-resistant mutant of <i>A. baumannii</i> ATCC 19606 at 32 µg/mL ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Neshani A, et al. Antimicrobial peptides as a promising treatment option against *Acinetobacter baumannii* infections. *Microb Pathog.* 2020 Sep;146:104238.
- [2]. Matheson S M G, et al. Investigating the Effects of Hydrophobicity and Charge on the Therapeutic Ability of the Antimicrobial Histatin 8 Peptide for Potential Use in Oral Applications. *International Journal of Biology*, 2013.

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

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