

# Histatin - 8 [Hemagglutination - Inhibiting Peptide (HIP)]

**Product Code:** 1210-010

**Innopep  
Peptide  
Product**

**Price: \$89.00**

## Short Description

KFHEKHHSRGY

## Description

Overview

Description

Human salivary histatins (Hsts), which belong to a salivary polypeptide family, are small, cationic, histidine-rich proteins. They have potent bactericidal and antifungal activities against *Candida albicans* and *Cryptococcus neoformans*, and are therefore potential therapeutic reagents against *Candida* species. They kill fungal cells by binding to the cell membrane, internalizing, and disrupting volume regulatory mechanisms and mitochondrial function, leading to the production of reactive oxygen species and non-lytic loss.

Sequence

KFHEKHHSRGY

Sequence (3 Letter)

H-Lys-Phe-His-Glu-Lys-His-His-Ser-His-Arg-Gly-Tyr-OH

Molecular Weight

1562.7

Properties

Purity

> 95% By HPLC

Storage

Store at -20 °C, cap vial tightly at all times.

## References

Yoshida, M. et al. *Biol. Pharm. Bull.* **24**, 1267 (2001); Ahmad, M. et. al. *J.*

*Histochem. Cytochem.* **52**, 361 (2004).