

Histatin 5 Peptide

Histatin 5

CATALOG #
AAA17909

HOST
Synthetic

PRODUCT SYNONYMS

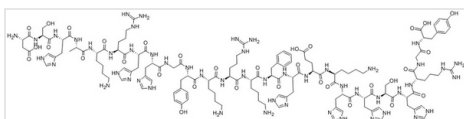
Histatin 5; Peptide to Histatin 5

Histatin-5; a salivary polypeptide; has been shown to inhibit clostripain ($IC_{50} = 800$ nM) and a trypsin-like protease produced by *Bacteroides gingivalis* ($IC_{50} = 55$ nM). Other proteases; however; have not been inhibited by histatin-5.; Histatin 5 peptide

PRODUCT SPECIFICATIONS

Host	Synthetic
Purity/Purification	>95%
Form/Format	Lyophilized powder
Chemical Structure	H-Asp-Ser-His-Ala-Lys-Arg-His-His-Gly-Tyr-Lys-Arg-Lys-Phe-His-Glu-Lys-His-His-Ser-His-Arg-Gly-Tyr-OH
Molecular Formula	C133H195N51O33
CAS #	104339-66-4
Preparation and Storage	Ships on blue ice. Store at -20°C for one year.

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Histatin 5 peptide

Description: Peptide to Histatin 5

Biological Description : Histatin-5, a salivary polypeptide, has been shown to inhibit clostripain ($IC_{50} = 800$ nM) and a trypsin-like protease produced by *Bacteroides gingivalis* ($IC_{50} = 55$ nM). Other proteases, however, have not been inhibited by histatin-5. This peptide was therefore suggested to be a preventive against periodontal disease. Histatin-5 exhibits antimicrobial and a distinct antifungal activity targeting fungal mitochondria.

NCBI AND UNIPROT INFORMATION

Molecular Weight 3036.36

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/synthetic-peptide/histatin-5/17909>