



LL-37,- 5mg Antimicrobial Peptide, human

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HLPC, MR
- Model Number: HBY-LL37
- Minimum Order Quantity: 5 boxes
- Price: US\$69-71.01/box
- Packaging Details: 5mg/vial, 10vials/box
- Delivery Time: 3-5 work days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 20000boxes/permonth



Product Specification



More Images



LL-37,- 5mg Antimicrobial Peptide, human Description

LL-37 is a multifunctional antimicrobial peptide that serves as a critical component of the innate immune system. Derived from the C-terminal end of the human cathelicidin protein hCAP-18, this 37-amino acid peptide is produced by various cell types including neutrophils, macrophages, and epithelial cells.

Beyond its direct antimicrobial activities against bacteria, viruses, and fungi, LL-37 exhibits remarkable immunomodulatory functions such as chemotaxis, wound healing promotion, and inflammation regulation. It achieves this versatility by interacting with cell membranes and various receptors, modifying immune cell responses.

Due to its therapeutic potential, LL-37 has become a significant focus in research for developing novel antimicrobial agents, particularly against antibiotic-resistant pathogens, as well as treatments for inflammatory conditions and wound management.

LL-37,- 5mg Antimicrobial Peptide, human Peptide Structure

Sequence: -Leu-Leu-Gly-Asp-Phe-Phe-Arg-Lys-Ser-Lys-Glu-Lys-Ile-Gly-Lys-Glu-Phe-Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asp-Phe-Leu-Arg-Asn-Leu-Val-Pro-Arg-Thr-Glu-Ser

Molecular Formula: C₂₀₅H₃₄₀N₆₀O₅₃

Molecular Weight: 4493 g/mol

PubChem CID: 16198951

Synonyms:

CAP-18
Cathelicidin
antibacterial peptide LL-37
154947-66-7
ropocampide

Research Areas:

Antimicrobial Activity
Immunomodulation
Wound Healing
Chemotaxis

Lyophilized Peptides:

These peptides are freeze-dried, a process that not only extends shelf life but also preserves the purity and integrity of the peptides during storage. We do not use any fillers in this process.

Product Usage:

This PRODUCT IS INTENDED AS A RESEARCH CHEMICAL ONLY. This designation allows the use of research chemicals strictly for in vitro testing and laboratory experimentation only. All product information available on this website is for educational purposes only. This product should only be handled by licensed, qualified professionals. This product is not a drug, food, or cosmetic and may not be misbranded, misused or mislabeled as a drug,



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