
Product Data Sheet

Product Name: LL-37, acetylated,amidated

Cat. No.: GC36468

Chemical Properties

Cas. No.

Formula C₂₀₇H₃₄₃N₆₁O₅₃

M.Wt

4534.4

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

LL-37, acetylated, amidated is a cathelicidin peptide LL-37 acetylated on the N-terminus and amidated on the C-terminus. The single human cathelicidin peptide LL-37 has antimicrobial and anti-biofilm activity against multiple Gram-positive and Gram-negative human pathogens, and has wound-healing effects on the host[1].

[1]. Duplantier AJ, et al. The Human Cathelicidin Antimicrobial Peptide LL-37 as a Potential Treatment for Polymicrobial Infected Wounds. *Front Immunol.* 2013 Jul 3;4:143.

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

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