

LL-37, acetylated,amidated

Cat. No.:	HY-P1884
Molecular Formula:	C ₂₀₇ H ₃₄₃ N ₆₁ O ₅₃
Molecular Weight:	4534.4
Sequence Shortening:	Ac-LLGDFFRKSKEKIGKEFKRIVQRIKDFLRNLVPRTES-NH2
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

Description

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].

REFERENCES

[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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA