

Product Data Sheet

Product Name: LL-37, Human TFA

Cat. No.: GC19550

Chemical Properties

Cas. No.

Formula $C_{205}H_{340}N_{60}O_{53}.C_2HF_3O_2$

M.Wt 4607.28

Solubility

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, Human TFA is a 37-residue, amphipathic, cathelicidin-derived antimicrobial peptide, which exhibits a broad spectrum of antimicrobial activity[1]. LL-37, Human TFA could help protect the cornea from infection and modulates wound healing[2].

Reference:

[1]. Dürr UH, et al. LL-37, the only human member of the cathelicidin family of antimicrobial peptides. *Biochim Biophys Acta*. 2006 Sep;1758(9):1408-25.

[2]. Huang LC, et al. Multifunctional roles of human cathelicidin (LL-37) at the ocular surface. *Invest*

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

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Ophthalmol Vis Sci. 2006 Jun;47(6):2369-80.

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