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

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