# 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.