

Product Data Sheet

Product Name: LL-37 amide TFA

Cat. No.: GC72237

Chemical Properties

Cas. No.

Formula $C_{205}H_{341}N_{61}O_{52}.xC_2HF_3O_2$ M.Wt 4492.28 (free base)

Solubility Storage Sealed storage, away from moisture and light

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

LLGDFFRKSKEKIGKEFKRIVQRIKDFLRNLLVPRTE-NH₂ (TFA salt)

Background

LL-37 amide TFA is a positively charged antimicrobial peptide. LL-37 amide TFA has anticancer activity and can be used for cancer research.

References:

[1]. Papo N, et al. New lytic peptides based on the D,L-amphipathic helix motif preferentially kill tumor cells compared to normal cells. Biochemistry. 2003;42(31):9346-9354.

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

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