

Product Data Sheet

Product Name: Dermaseptin-S1

Cat. No.: GC72286

Chemical Properties

Cas. No. 136033-70-0

Formula $C_{152}H_{257}N_{43}O_{44}S_2$ M.Wt 3455.06

Solubility DMSO : 12.5 mg/mL (3.62 mM; Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO) Storage Sealed storage, away from moisture

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

ALWKTMLKKLGTMLHAGKAALGAAADTISQGTQ

Background

Dermaseptin-S1 is an antimicrobial peptide derived from frog skin against filamentous fungi.

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

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