
Product Data Sheet

Product Name: OV-1, sheep

Cat. No.: GC36824

Chemical Properties

Cas. No. 326855-45-2

Formula C₁₀₅H₁₈₈N₃₄O₂₁

M.Wt

2262.83

Solubility Soluble in DMSO

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**

OV-1, sheep is an alpha-helical antimicrobial ovispirin peptide derived from SMAP29 peptide (sheep), which inhibits several antibiotic-resistant bacterial strains including mucoid and nonmucoid *Pseudomonas aeruginosa*[1]. bacterial[1]

[1]. Saiman L, et al. Cathelicidin peptides inhibit multiply antibiotic-resistant pathogens from patients with cystic fibrosis. *Antimicrob Agents Chemother.* 2001 Oct;45(10):2838-44.

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

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