
Product Data Sheet

Product Name: Piscidin-1 (22-42)

Cat. No.: GC38532

Chemical Properties

Cas. No.

Formula $C_{114}H_{176}N_{30}O_{21}S$

M.Wt

2334.91

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**

Piscidin-1 (22-42) is a highly potent, multi-functional Antimicrobial Peptide (AMP) produced by Orange-spotted grouper (*Epinephelus coioides*). Piscidin-1 (22-42) has many functional usages including antibacterial, antifungal, antiviral, antiprotozoal, anticancer, immunomodulatory, and wound healing properties[1].

[1]. Neshani A, et al. Epinecidin-1, a highly potent marine antimicrobial peptide with anticancer and immunomodulatory activities. *BMC Pharmacol Toxicol.* 2019 May 28;20(1):33.

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

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