



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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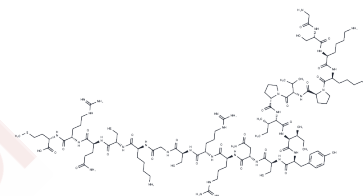
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S-Thanatins

Chemical Properties

CAS No. : 1027105-06-1
 Formula: C₁₀₂H₁₇₇N₃₅O₂₇S₃
 Molecular Weight: 2421.91
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	S-Thanatins is an insect-derived antimicrobial peptide exhibiting strong, broad-spectrum antibacterial activity. It effectively inhibits Gram-negative and Gram-positive bacteria, as well as fungi, without causing cytotoxicity. Its antibacterial efficacy remains consistent across different pH levels, though the presence of monovalent cations (Na ⁺ /K ⁺) can dose-dependently diminish its activity against Gram-negative bacteria [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4129 mL	2.0645 mL	4.129 mL
5 mM	0.0826 mL	0.4129 mL	0.8258 mL
10 mM	0.0413 mL	0.2064 mL	0.4129 mL
50 mM	0.0083 mL	0.0413 mL	0.0826 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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