



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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RW3

Chemical Properties

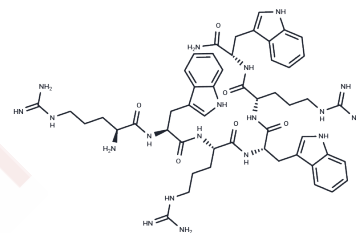
CAS No. : 359632-11-4

Formula: C₅₁H₆₉N₁₉O₆

Molecular Weight: 1044.22

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description

RW3 is a cationic hexapeptide with amphiphilic properties that targets the bacterial plasma membrane, inhibiting cell respiration and cell wall synthesis. It demonstrates strong activity against gram-positive bacteria without significant cytotoxic or hemolytic effects as shown in prior studies. RW3 rapidly eliminates 97% of initial colony-forming units (CFU) within 10 minutes at twice the minimum inhibitory concentration (MIC). It is applicable in antimicrobial and antifungal research.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9577 mL	4.7883 mL	9.5765 mL
5 mM	0.1915 mL	0.9577 mL	1.9153 mL
10 mM	0.0958 mL	0.4788 mL	0.9577 mL
50 mM	0.0192 mL	0.0958 mL	0.1915 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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