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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PRODUCT INFORMATION



RW4 (trifluoroacetate salt)

Item No. 37494

Formal Name: L-arginyl-L-tryptophyl-L-arginyl-L-tryptophyl-L-arginyl-L-tryptophyl-L-arginyl-L-tryptophanamide, trifluoroacetate salt

Synonyms: Arg-Trp-Arg-Trp-Arg-Trp-Arg-Trp-NH₂, (RW)₄-NH₂

Peptide Sequence: RWRWRWRW-NH₂

MF: C₆₈H₉₁N₂₅O₈ • XCF₃COOH

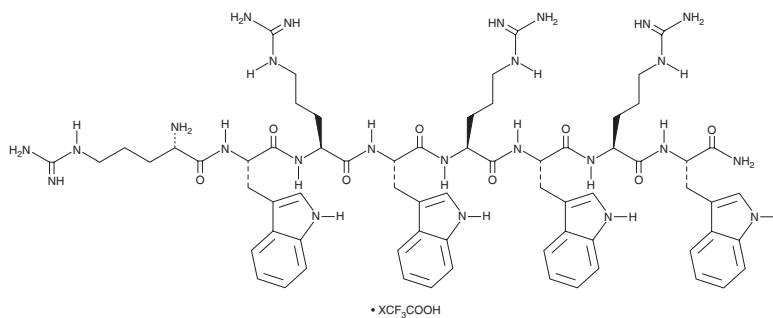
FW: 1,386.6

Purity: ≥95%

Supplied as: A solid

Storage: -20°C

Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

RW4 (trifluoroacetate salt) is supplied as a solid. A stock solution may be made by dissolving the RW4 (trifluoroacetate salt) in water. We do not recommend storing the aqueous solution for more than one day.

Description

RW4 is an antimicrobial peptide.¹ It is active against *E. coli* and *S. aureus* (IC₅₀s = 9.6 and 5.1 μM, respectively). RW4 also induces hemolysis of isolated ovine erythrocytes.

Reference

1. Liu, Z., Brady, A., Young, A., *et al.* Length effects in antimicrobial peptides of the (RW)_n series. *Antimicrob. Agents Chemother.* **51(2)**, 597-603 (2007).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897

[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM