



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# PRODUCT INFORMATION



## RW3 (trifluoroacetate salt)

Item No. 37493

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

**Synonyms:** Arg-Trp-Arg-Trp-Arg-Trp-NH<sub>2</sub>, (RW)<sub>3</sub>-NH<sub>2</sub>

**Peptide Sequence:** RWRWRW-NH<sub>2</sub>

**MF:** C<sub>51</sub>H<sub>69</sub>N<sub>19</sub>O<sub>6</sub> • XCF<sub>3</sub>COOH

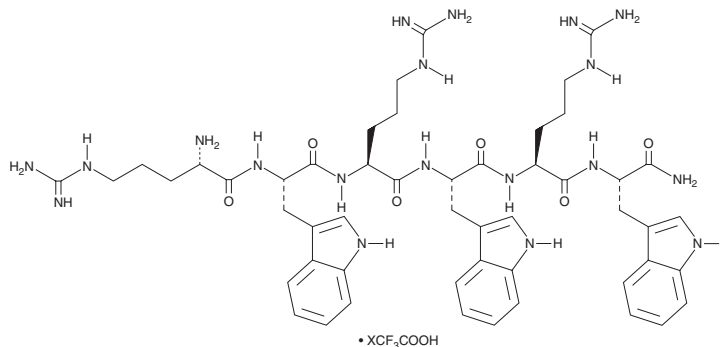
**FW:** 1,044.2

**Purity:** ≥98%

**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

RW3 (trifluoroacetate salt) is supplied as a solid. A stock solution may be made by dissolving the RW3 (trifluoroacetate salt) in water. We do not recommend storing the aqueous solution for more than one day.

### Description

RW3 is an antimicrobial peptide.<sup>1</sup> It is active against *E. coli* and *S. aureus* (IC<sub>50</sub>s = 16 and 8 μM, respectively). RW3 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)<sub>n</sub> 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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