



# 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

### 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

# PRODUCT INFORMATION



## RS Repeat Peptide (trifluoroacetate salt)

Item No. 37498

**Formal Name:** glycyL-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginine, trifluoroacetate salt

**Peptide Sequence:** GRSRSRSRSRSRSRSR-OH

**MF:**  $C_{71}H_{136}N_{40}O_{24} \cdot XCF_3COOH$

**FW:** 1,934.1

**Purity:**  $\geq 95\%$

**Supplied as:** A solid

**Storage:**  $-20^\circ C$

**Stability:**  $\geq 4$  years

H—Gly—Arg—Ser—Arg—Ser—Arg—Ser—Arg—Ser—Arg—

Ser—Arg—Ser—Arg—Ser—Arg—OH

•  $XCF_3COOH$

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

### Laboratory Procedures

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

### Description

RS repeat peptide is a serine/arginine-rich peptide substrate for CDC-like kinase 1 (Clk1).<sup>1,2</sup> It has been used to identify inhibitors of Clk1 with anticancer activity.

### References

1. Schmitt, C., Kail, D., Mariano, M., *et al.* Design and synthesis of a library of lead-like 2,4-bis(heterocyclic) substituted thiophenes as selective Dyrk/Clk inhibitors. *PLoS One* **9(3)**, e87851 (2014).
2. Araki, S., Dairiki, R., Nakayama, Y., *et al.* Inhibitors of CLK protein kinases suppress cell growth and induce apoptosis by modulating pre-mRNA splicing. *PLoS One* **10(1)**, e0116929 (2015).

#### 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.

#### WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

Copyright Cayman Chemical Company, 01/09/2024

#### 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](http://WWW.CAYMANCHEM.COM)