



# 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) 

## Multi-Leu peptide

Cat. No.:	HY-P10422
CAS No.:	1413058-07-7
Molecular Formula:	C <sub>49</sub> H <sub>94</sub> N <sub>16</sub> O <sub>9</sub>
Molecular Weight:	1051.37
Sequence:	Ac-Leu-Leu-Leu-Leu-Arg-Val-Lys-Arg-NH <sub>2</sub>
Sequence Shortening:	Ac-LLLLRVKR-NH <sub>2</sub>
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Multi-Leu peptide (ML-peptide) is a potent inhibitor of PACE4 ( $K_i=22$  nM). Multi-Leu peptide can competitively bind to the active site of PACE4 by simulating the substrate sequence of PACE4, thereby inhibiting its catalytic activity. Multi-Leu peptide can be used to study the specific mechanism of PACE4 in the development of prostate cancer<sup>[1]</sup>.

### REFERENCES

[1]. Łeppek T, et al. Macrocyclization of a potent PACE4 inhibitor: Benefits and limitations[J]. European journal of cell biology, 2017, 96(5): 476-485.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA