



# 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

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) 

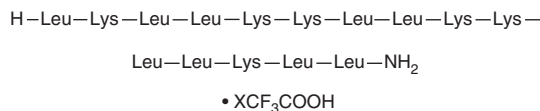
# PRODUCT INFORMATION



## L-K6L9 (trifluoroacetate salt)

Item No. 38847

**Formal Name:** (S)-6-amino-N-((4S,7S,10S,13S,16S,19S,22S,25S,28S,31S)-35-amino-10,19,22-tris(4-aminobutyl)-4-carbamoyl-7,13,16,25,28-pentaisobutyl-2-methyl-6,9,12,15,18,21,24,27,30-nonaoxo-5,8,11,14,17,20,23,26,29-nonaazapentatriacontan-31-yl)-2-((S)-2-((S)-2-((S)-6-amino-2-((S)-2-amino-4-methylpentanamido)hexanamido)-4-methylpentanamido)-4-methylpentanamido)hexanamide, trifluoroacetate salt



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

**MF:** C<sub>90</sub>H<sub>174</sub>N<sub>22</sub>O<sub>15</sub> • XCF<sub>3</sub>COOH

**FW:** 1,804.5

**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

L-K6L9 (trifluoroacetate salt) is supplied as a solid. A stock solution may be made by dissolving the L-K6L9 (trifluoroacetate salt) in water. We do not recommend storing the aqueous solution for more than one day.

### Description

L-K6L9 is a cytolytic peptide composed of L-isomers of leucine and lysine.<sup>1</sup> It is cytotoxic to LNCaP-CL1 androgen-independent, as well as 22Rv1 and LNCaP androgen-dependent, human prostate cancer cells (LC<sub>50</sub>s = 4, 4, and 6 μM, respectively), as well as non-cancerous NIH3T3 mouse fibroblasts and OL human foreskin fibroblasts (LC<sub>50</sub>s = 7 and 5 μM, respectively). It induces hemolysis of isolated human erythrocytes when used at a concentration of 100 μM.

### Reference

1. Papo, N., Braunstein, A., Eshhar, Z., *et al.* Suppression of human prostate tumor growth in mice by a cytolytic D-, L-amino acid peptide: Membrane lysis, increased necrosis, and inhibition of prostate-specific antigen secretion. *Cancer Res.* **64**(16), 5779-5786 (2004).

#### 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