



# 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) 

## A11

---

Cat. No.:	HY-P10412
CAS No.:	2412926-29-3
Molecular Formula:	C <sub>53</sub> H <sub>88</sub> N <sub>14</sub> O <sub>19</sub>
Molecular Weight:	1225.35
Sequence:	Glu-Tyr-Val-Gln-Thr-Val-Lys-Ser-Ser-Lys-Gly
Sequence Shortening:	EYVQTVKSSKG
Target:	Ephrin Receptor
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

A11 (ANXA1-derived 11 amino acid-long peptide) is an ANXA1-EphA2 interaction blocker peptide. A11 decreases ANXA1 bound to EphA2 and increased Cbl (an E3 ubiquitin ligase of EphA2) bound to EphA2. A11 efficiently decreases EphA2 level, and substantially increases EphA2 ubiquitination. A11 increases EphA2 internalization and colocalization of EphA2 and Cbl in the NPC cells. A11 inhibits nasopharyngeal carcinoma (NPC) cell proliferation, migration and invasion. A11 inhibits angiogenesis<sup>[1]</sup>.

### REFERENCES

[1]. Feng J, et al. ANXA1 Binds and Stabilizes EphA2 to Promote Nasopharyngeal Carcinoma Growth and Metastasis. *Cancer Res.* 2020 Oct 15;80(20):4386-4398.

**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