



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

www.szabo-scandic.com

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

RI-STAD-2

Cat. No.:	HY-P10319
Molecular Formula:	C ₁₀₉ H ₁₈₁ N ₂₅ O ₃₅
Molecular Weight:	2401.75
Sequence:	{NH ₂ -PEG3-CH ₂ -CO}-Leu-((S)-2-(4-pentenyl)Ala)-Gln-Tyr-Ala-((S)-2-(4-pentenyl)Ala)-Gln-Leu-Ala-Asp-Gln-Ile-Ile-Lys-Glu-Ala-Thr-Glu-Lys ((S)-2-(4-pentenyl)Ala-2 and (S)-2-(4-pentenyl)Ala-6 stapled together with a double bond)
Sequence Shortening:	{NH ₂ -PEG3-CH ₂ -CO}-L-((S)-2-(4-pentenyl)Ala)-QYA-((S)-2-(4-pentenyl)Ala)-QLADQIIKE ATEK ((S)-2-(4-pentenyl)Ala-2 and (S)-2-(4-pentenyl)Ala-6 stapled together with a double bond)
Target:	PKA
Pathway:	Stem Cell/Wnt; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

RI-STAD-2 is a high-affinity interfering peptide that regulates the subunit RI of protein kinase A (PKA). RI-STAD-2 interferes with the binding of AKAPs and PKA-RI by simulating the interaction between AKAPs' α -helix domain and PKA-RI's dimerization/anchorage (D/D) domain, thereby affecting PKA activity and intracellular localization. RI-STAD-2 can be used to study the role of AKAPs interaction with PKA-RI in pathological processes such as cardiovascular disease and cancer^[1].

REFERENCES

[1]. Autenrieth K, et al. Defining A-kinase anchoring protein (AKAP) specificity for the protein kinase A subunit RI (PKA-RI)[J]. Chembiochem, 2016, 17(8): 693-697.

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