



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

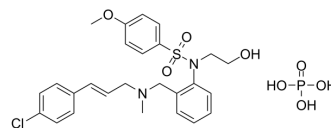
mail@szabo-scandic.com

www.szabo-scandic.com

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

(E)-KN-93 phosphate

| | |
|--------------------|---|
| Cat. No.: | HY-110140 |
| CAS No.: | 1188890-41-6 |
| Molecular Formula: | C ₂₆ H ₃₂ ClN ₂ O ₈ PS |
| Molecular Weight: | 599.03 |
| Target: | CaMK |
| Pathway: | Neuronal Signaling |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | (E)-KN-93 phosphate is an inhibitor for Ca ²⁺ /calmodulin-dependent protein kinase II (CaMK II) with IC ₅₀ of 9 μM and 3 μM, for CaMKIIδ monomer and CaMKIIδ dodecamer. (E)-KN-93 phosphate binds competitively with Ca ²⁺ /CaM, and disrupts their interaction with CaMK II, and thus inhibits the CaMK II activation ^[1] . |
| IC ₅₀ & Target | CaMK IIα |

REFERENCES

[1]. Wong MH, et al., The KN-93 Molecule Inhibits Calcium/Calmodulin-Dependent Protein Kinase II (CaMKII) Activity by Binding to Ca²⁺/CaM. J Mol Biol. 2019 Mar 29;431(7):1440-1459.

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