



# 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

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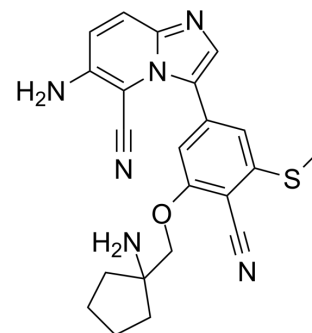
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## SIK-IN-2

Cat. No.:	HY-161441
CAS No.:	3033846-20-4
Molecular Formula:	C <sub>22</sub> H <sub>22</sub> N <sub>6</sub> OS
Molecular Weight:	418.51
Target:	AMPK
Pathway:	Epigenetics; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

SIK-IN-2 (Compound 45) is an inhibitor for salt-inducible kinase (SIK), which inhibits SKI1, SIK2 and SIK3 with IC<sub>50</sub>s of 0.1, 0.2 and 0.4 nM, respectively. SIK-IN-2 inhibits the release of TNF $\alpha$  with IC<sub>50</sub> of 0.5 nM, stimulates the LPS (HY-D1056) -induced IL-10 release with EC<sub>50</sub> of 2 nM in human macrophages<sup>[1]</sup>.

## REFERENCES

[1]. Bootsma AN et al., Heterocyclic sik inhibitors. WO2024062360A1.

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

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