



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

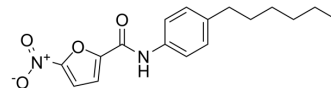
mail@szabo-scandic.com

www.szabo-scandic.com

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

STING-IN-3

Cat. No.:	HY-138683
CAS No.:	2244881-69-2
Molecular Formula:	C ₁₇ H ₂₀ N ₂ O ₄
Molecular Weight:	316.35
Target:	STING
Pathway:	Immunology/Inflammation
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (790.26 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.1611 mL	15.8053 mL	31.6106 mL
	5 mM		0.6322 mL	3.1611 mL	6.3221 mL
	10 mM		0.3161 mL	1.5805 mL	3.1611 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

STING-IN-3 is an inhibitor of stimulator of interferon genes (STING). STING-IN-3 efficiently inhibits both hsSTING and mmSTING through covalently target the predicted transmembrane cysteine residue 91 and thereby block the activation-induced palmitoylation of STING^[1].

IC₅₀ & Target

STING^[1]

In Vitro

STING-IN-3 (0.02-2 μM) inhibits hsSTING and mmSTING, mediated IFNβ reporter activity in HEK293 cells^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Proc Natl Acad Sci U S A. 2022 Oct 25;119(43):e2207280119.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Haag SM, et, al. Targeting STING with covalent small-molecule inhibitors. Nature. 2018 Jul;559(7713):269-273.

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