



# 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

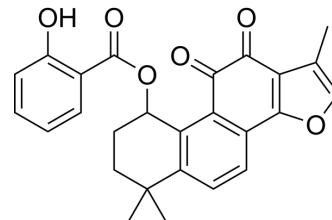
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## NLRP3-IN-34

Cat. No.:	HY-158111
CAS No.:	1392502-55-4
Molecular Formula:	C <sub>26</sub> H <sub>22</sub> O <sub>6</sub>
Molecular Weight:	430.45
Target:	NOD-like Receptor (NLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

NLRP3-IN-34 (Compound T10) is an inhibitor for NLRP3 inflammasome. NLRP3-IN-34 inhibits ROS production, NLRP3 inflammasome-dependent IL-1 $\beta$  production (IC<sub>50</sub> is 0.48  $\mu$ M in cells J774A.1), and inhibits pyroptosis. NLRP3-IN-34 exhibits anti-inflammatory activity against DSS-induced peritonitis<sup>[1]</sup>.

## REFERENCES

[1]. Chen H, et al., Design, synthesis and biological evaluation of tanshinone IIA derivatives as NLRP3 inflammasome inhibitors. *Bioorg Med Chem Lett*. 2024 May 15;104:129725.

**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