



# 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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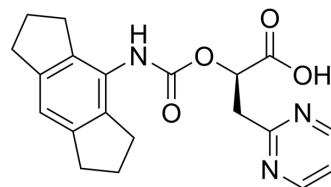
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## NDT-19795

Cat. No.:	HY-158024
CAS No.:	2272917-12-9
Molecular Formula:	C <sub>20</sub> H <sub>21</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	367.4
Target:	NOD-like Receptor (NLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	NDT-19795 is an effective inhibitor of the NLRP3 inflammasome with an IC <sub>50</sub> value of 66 nM in the PBMC method and 4.7 μM in the WB method. NDT-19795 is a carboxylic acid-active substance that can be converted from NT-0796 (HY-156438) within cells. NDT-19795 can be used for the study of neurological diseases <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 66 nM (NLRP3 inflammasome, PBMC) <sup>[1]</sup> . IC <sub>50</sub> : 4.7 μM (NLRP3 inflammasome; WB) <sup>[1]</sup> .
<b>In Vivo</b>	NDT-19795 (3 mg/kg; i.v.; single dose) exhibits a brain-to-blood ratio of 0.07 in C57BL/6 mice, indicating low permeability through the blood-brain barrier <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Harrison D, et al. Discovery of Clinical Candidate NT-0796, a Brain-Penetrant and Highly Potent NLRP3 Inflammasome Inhibitor for Neuroinflammatory Disorders. *J Med Chem.* 2023;66(21):14897-14911.

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

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