



# 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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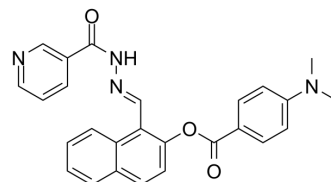
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## AChE/BChE-IN-19

<b>Cat. No.:</b>	HY-161508
<b>Molecular Formula:</b>	C <sub>26</sub> H <sub>22</sub> N <sub>4</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	438.48
<b>Target:</b>	Cholinesterase (ChE)
<b>Pathway:</b>	Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	AChE/BChE-IN-19 (Compound 12) is a nicotinic hydrazone derivative. AChE/BChE-IN-19 is an inhibitor of AChE (IC <sub>50</sub> = 21.45 nM) and BChE (IC <sub>50</sub> = 18.42 nM). AChE/BChE-IN-19 can be used in Alzheimer's disease research <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	AChE 21.45 nM (IC <sub>50</sub> )	BChE 18.42 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Resit Çakmak, et al. Synthesis of Novel Hydrazone-Hydrazone Compounds and In Vitro and In Silico Investigation of Their Biological Activities against AChE, BChE, and hCA I and II. ACS Omega. 2024, 9, 18, 20030–20041

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

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