



# 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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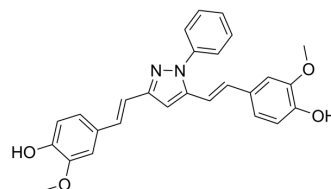
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## CNB-001

Cat. No.:	HY-158204
CAS No.:	1019110-87-2
Molecular Formula:	C <sub>27</sub> H <sub>24</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	440.49
Target:	Lipoxygenase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 2 years; -20°C, 1 year (sealed storage, away from moisture)



## BIOLOGICAL ACTIVITY

### Description

CNB-001 is a potent 5-lipoxygenase (5-LOX) inhibitor, decreases 5-LOX expression, and increases proteasome activity. CNB-001 also increases eIF2 $\alpha$  phosphorylation and HSP90 and ATF4 levels in Alzheimer's disease transgenic mice, and limits the accumulation of soluble A $\beta$  and ubiquitinated aggregated proteins. CNB-001 maintains the expression of synapse-associated proteins and improves memory. CNB-001 can be used for the research of Alzheimer's disease<sup>[1]</sup>.

## REFERENCES

[1]. Valera E, et al. Modulation of 5-lipoxygenase in proteotoxicity and Alzheimer's disease. J Neurosci. 2013 Jun 19;33(25):10512-25.

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

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