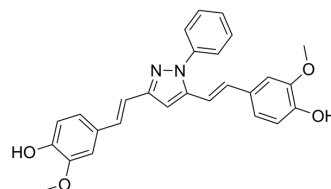


CNB-001

Cat. No.:	HY-158204
CAS No.:	1019110-87-2
Molecular Formula:	C ₂₇ H ₂₄ N ₂ O ₄
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 α phosphorylation and HSP90 and ATF4 levels in Alzheimer's disease transgenic mice, and limits the accumulation of soluble A β 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^[1].

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.

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