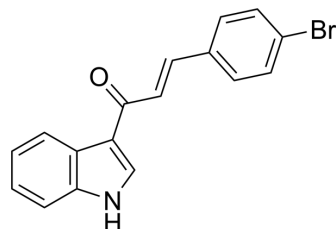


MAO-B-IN-26

Cat. No.:	HY-156348
CAS No.:	38470-71-2
Molecular Formula:	C ₁₇ H ₁₂ BrNO
Molecular Weight:	326.19
Target:	Monoamine Oxidase; Autophagy; Apoptosis; Cholinesterase (ChE)
Pathway:	Neuronal Signaling; Autophagy; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MAO-B-IN-26 (Compound IC9) is a MAO-B and acetylcholinesterase inhibitor. MAO-B-IN-26 protects SH⁻SY5Y cells against A β induced cytotoxicity, morphological changes, ROS generation and membrane damage. MAO-B-IN-26 also inhibits A β induced autophagy and apoptosis. MAO-B-IN-26 can be used as a neuroprotective agent against Alzheimer's disease^[1].

REFERENCES

[1]. Sasidharan R, et al. MAO-B Inhibitor (2E)-3-(4-Bromophenyl)-1-(1H-indol-3-yl) prop-2-en-1-one as a Neuroprotective Agent Against Alzheimer's Disease. *Neurochem Res.* 2023 Oct 9.

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