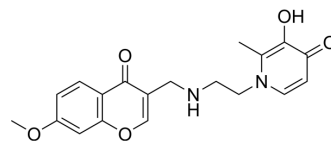


hMAO-B-IN-6

Cat. No.:	HY-157326
CAS No.:	2764830-43-3
Molecular Formula:	C ₁₉ H ₂₀ N ₂ O ₅
Molecular Weight:	356.37
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

hMAO-B-IN-6 (compound 17d) is a potent and selective inhibitor of hMAO-B with an IC₅₀ of 67.02 nM. hMAO-B-IN-6 significantly improves Scopolamine (HY-N0296)-induced cognitive impairment in AD mice^[1].

REFERENCES

[1]. Zhang C, et al. Chromone-based monoamine oxidase B inhibitor with potential iron-chelating activity for the treatment of Alzheimer's disease. *J Enzyme Inhib Med Chem.* 2023 Dec;38(1):100-117.

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