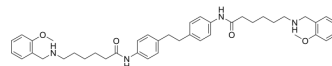


MAO-IN-3

Cat. No.:	HY-149515
CAS No.:	797805-26-6
Molecular Formula:	C ₄₂ H ₅₄ N ₄ O ₄
Molecular Weight:	678.9
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MAO-IN-3 (Compound 5) is a reversible and competitive MAO inhibitor (K_i : 0.6 and 0.2 μM for MAO A and MAO B). MAO-IN-3 inhibits LN-229 glioblastoma cell proliferation with an IC_{50} of 0.8 μM . MAO-IN-3 can be used for cancer research^[1].

REFERENCES

[1]. Nordio G, et al. From Monoamine Oxidase Inhibition to Antiproliferative Activity: New Biological Perspectives for Polyamine Analogs. *Molecules*. 2023 Aug 29;28(17):6329.

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

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