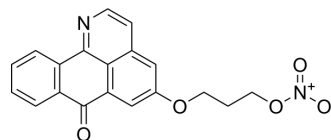


MAO-A/SERT-IN-1

Cat. No.:	HY-168021
CAS No.:	3001361-38-9
Molecular Formula:	C ₁₉ H ₁₄ N ₂ O ₅
Molecular Weight:	350.32
Target:	Serotonin Transporter; Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MAO-A/SERT-IN-1 is an inhibitor of MAO-A/serotonin transporter (SERT). MAO-A/SERT-IN-1 can reduce SERT-mediated reuptake of 5-HT and has neuroprotective effects in cell inhibition models. MAO-A/SERT-IN-1 can improve depressive behavior in zebrafish and mice ^[1] .
IC ₅₀ & Target	MAO-A

REFERENCES

[1]. Zhong P, et al. Development of Nitric Oxide Releasing Oxoisoaporphines with Antidepressant Activities by Simultaneously Regulating MAO-A and SERT. J Med Chem. 2024 Sep 12;67(17):15509-15520.

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

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