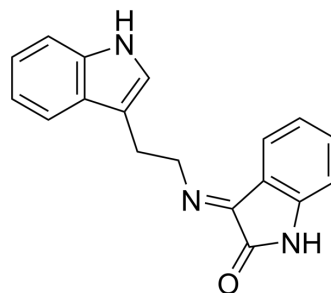


MAO-IN-5

Cat. No.:	HY-163415
CAS No.:	906728-07-2
Molecular Formula:	C ₁₈ H ₁₅ N ₃ O
Molecular Weight:	289.33
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-5 (Compound ZINC000016952895) is a monoamine oxidase (MAO) inhibitor. According to the prediction of Swiss ADME, MAO-IN-5 can inhibit the CYP enzyme family, has blood-brain barrier (BBB) permeability, and has a high gastrointestinal absorption rate. MAO-IN-5 can be used in the study of neurological diseases^[1].

REFERENCES

[1]. Kumar S, et al. Discerning of isatin-based monoamine oxidase (MAO) inhibitors for neurodegenerative disorders by exploiting 2D, 3D-QSAR modelling and molecular dynamics simulation. *J Biomol Struct Dyn.* 2024;42(5):2328-2340.

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

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