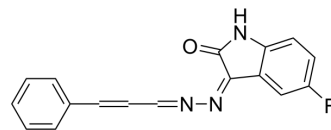


IHC3

Cat. No.:	HY-149477
Molecular Formula:	C ₁₇ H ₁₂ FN ₃ O
Molecular Weight:	293.3
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	IHC3 is a competitive and reversible MAO-B inhibitor (IC ₅₀ : 1.672 μM). IHC3 can interact with the amino acid Cys172 of MAO-B. IHC3 can be used for neurological diseases research ^[1] .
IC ₅₀ & Target	1.672 μM (MAO-B) ^[1]

REFERENCES

[1]. Manoharan A, et al. Assembling a Cinnamyl Pharmacophore in the C3-Position of Substituted Isatins via Microwave-Assisted Synthesis: Development of a New Class of Monoamine Oxidase-B Inhibitors for the Treatment of Parkinson's Disease. *Molecules*. 2023 Aug 21;28(16):6167.

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

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