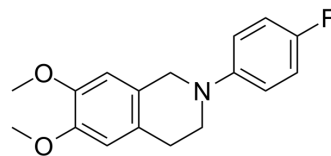


MAO-B-IN-15

Cat. No.:	HY-151209
CAS No.:	2032436-79-4
Molecular Formula:	C ₁₇ H ₁₈ FNO ₂
Molecular Weight:	287.33
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MAO-B-IN-15 is a selective MAO-B inhibitor (IC ₅₀ : 13.5 μM) that forms π-π interaction with Tyr 326 residue. MAO-B-IN-15 can be used in the research of Parkinson's disease ^[1] .	
IC₅₀ & Target	hMAO-B 13.5 μM (IC ₅₀)	hMAO-A >100 μM (IC ₅₀)
In Vitro	MAO-B-IN-15 (Compound 4i, 0.01-1000 μM, 1 h) dose-dependently inhibits MAO-B activity ^[1] . MAO-B-IN-15 (10 μM, 24 h) has no effect on cell viability of SH-SY5Y cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Makito Yamada, et al. Design, Synthesis, and Monoamine Oxidase B Selective Inhibitory Activity of N-Arylated Heliamine Analogues.
<https://doi.org/10.1021/acsmchemlett.2c00228>.

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

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