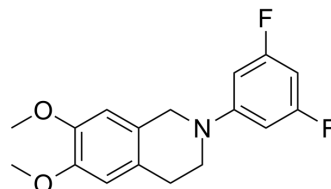


MAO-B-IN-17

Cat. No.:	HY-151210		
CAS No.:	2890188-81-3		
Molecular Formula:	C ₁₇ H ₁₇ F ₂ NO ₂		
Molecular Weight:	305.32		
Target:	Monoamine Oxidase		
Pathway:	Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	MAO-B-IN-17 is a selective monoamine oxidase B (MAO-B) inhibitor with the IC ₅₀ value of 5.08 μM. MAO-B-IN-17 can be used in Parkinson's disease research ^[1] .		
IC ₅₀ & Target	hMAO-B 5.08 μM (IC ₅₀)	hMAO-A >100 μM (IC ₅₀)	
In Vitro	MAO-B-IN-17 (Compound 4j) (10 μM, 24 h) shows no cytotoxic effect on human neuroblastoma 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. ACS Med. Chem. Lett. 2022.

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

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