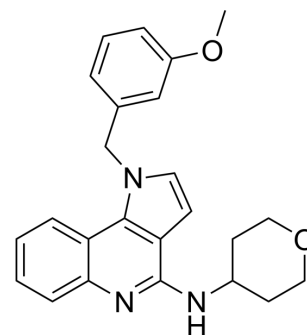


MAO-B-IN-3

Cat. No.:	HY-143329
Molecular Formula:	C ₂₄ H ₂₅ N ₃ O ₂
Molecular Weight:	387.47
Target:	Monoamine Oxidase; 5-HT Receptor
Pathway:	Neuronal Signaling; GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MAO-B-IN-3 is a reversible and selective MAO-B inhibitor (IC ₅₀ =96 nM). MAO-B-IN-3 also binds to 5-HT ₆ R with K _i value of 696 nM. MAO-B-IN-3 can be used for research of in Alzheimer's disease ^[1] .	
IC₅₀ & Target	MAO-B 96 nM (IC ₅₀)	Human 5-HT ₆ Receptor 696 nM (K _i)
In Vitro	MAO-B-IN-3 (1 μM) shows inhibitory rate on MAO-A of 3%. And MAO-B-IN-3 shows an K _i value of 696 nM to 5-HT ₆ R, in HEK293 cells stably expressing h5-HT ₆ R ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

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

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