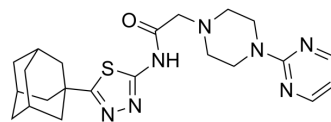


AChE/MAO-B-IN-6

Cat. No.:	HY-157090
Molecular Formula:	C ₂₂ H ₂₉ N ₇ OS
Molecular Weight:	439.58
Target:	Monoamine Oxidase; Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AChE/MAO-B-IN-6 (compound 3a) is a dual inhibitor of AChE and h-MAO-B with potential to inhibit Alzheimer's disease ^[1] .
IC ₅₀ & Target	AChE, MAO-B ^[1]

REFERENCES

[1]. Al-Sharabi AA et al. Synthesis, characterization, molecular docking and molecular dynamics simulations of novel 2,5-disubstituted-1,3,4-thiadiazole derivatives as potential cholinesterase/monoamine oxidase dual inhibitors for Alzheimer's disease. J Biomol Struct Dyn. 2023 Nov 1:1-19.

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

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