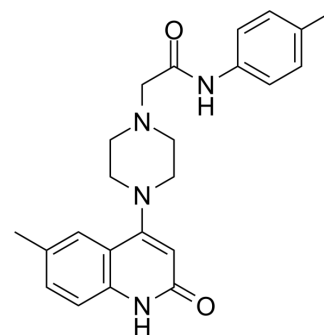


AChE/A β -IN-4

Cat. No.:	HY-157441
Molecular Formula:	C ₂₃ H ₂₆ N ₄ O ₂
Molecular Weight:	390.48
Target:	Cholinesterase (ChE); Amyloid- β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AChE/A β -IN-4 is a dual inhibitor of acetylcholinesterase (AChE) and β -amyloid (A β) aggregation, with the IC ₅₀ values of 1.72 \pm 0.18 μ M and 1.42 \pm 0.3 μ M, respectively. AChE/A β -IN-4 plays an important role in neurological disorders, such as Alzheimer's disease ^[1] .
IC ₅₀ & Target	AChE 1.72 \pm 0.1 μ M (IC ₅₀)

REFERENCES

[1]. Shoaib Manzoor, et al. Discovery of Quinolinone Hybrids as Dual Inhibitors of Acetylcholinesterase and A β Aggregation for Alzheimer's Disease Therapy. ACS Chem Neurosci. 2023 Dec 27.

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

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