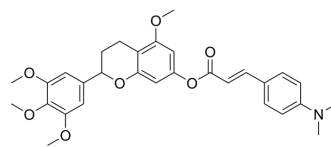


ACHE-IN-19

Cat. No.:	HY-147938
CAS No.:	2742707-36-2
Molecular Formula:	C ₃₀ H ₃₃ NO ₇
Molecular Weight:	519.59
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-IN-19 (compound A15) is a highly potent AChE inhibitor with an IC ₅₀ value of 0.56 μ M, also inhibits A β aggregation. ACHE-IN-19 has potent neuroprotective activities and nearly no toxicity on SH-SY5Y cells. ACHE-IN-19 can be used for researching Alzheimer's disease ^[1] .
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IC₅₀ & Target	AChE
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REFERENCES

[1]. Shi S, et al. Semi-synthesis and biological evaluation of flavone hybrids as multifunctional agents for the potential treatment of Alzheimer's disease. *Bioorg Chem.* 2020 Jul;100:103917.

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

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