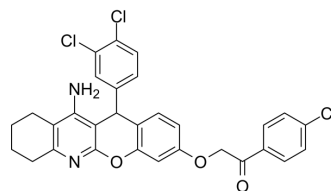


## hAChE-IN-4

Cat. No.:	HY-155086
CAS No.:	2983723-58-4
Molecular Formula:	C <sub>30</sub> H <sub>23</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	565.87
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

hAChE-IN-4 (Compd 5d) is a potent, blood-brain barrier-permeable hAChE inhibitor with IC<sub>50</sub> of 0.25 μM. hAChE-IN-4 can be used in Alzheimer's disease research<sup>[1]</sup>.

## REFERENCES

[1]. Salma Fares, et al. Modified Tacrine Derivatives as Multitarget-Directed Ligands for the Treatment of Alzheimer's Disease: Synthesis, Biological Evaluation, and Molecular Modeling Study. ACS Omega. 2023 Jul 12;8(29):26012-26034.

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

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