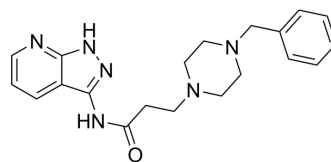


## hAChE/Aβ1-42-IN-1

Cat. No.:	HY-144389
CAS No.:	2761149-17-9
Molecular Formula:	C <sub>20</sub> H <sub>24</sub> N <sub>6</sub> O
Molecular Weight:	364.44
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	hAChE/Aβ1-42-IN-1 (Compound 16) is a potent inhibitor of hAChE and Aβ1-42 aggregation. hAChE/Aβ1-42-IN-1 shows acceptable relative safety upon hepG2 cell line and excellent BBB penetration with wide safety margin. hAChE/Aβ1-42-IN-1 has the potential for the research of Alzheimer disease (AD) <sup>[1]</sup> .
IC <sub>50</sub> & Target	AChE

### REFERENCES

[1]. Waly OM, et al. Synthesis, biological evaluation, and molecular modeling simulations of new heterocyclic hybrids as multi-targeted anti-Alzheimer's agents. Eur J Med Chem. 2022;231:114152.

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

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