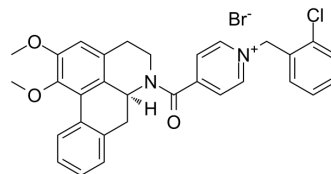


## AChE-IN-49

Cat. No.:	HY-161058
Molecular Formula:	C <sub>31</sub> H <sub>28</sub> BrClN <sub>2</sub> O <sub>3</sub>
Molecular Weight:	591.92
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	ACHe-IN-49 (Compd (S)-7g) is an acetylcholinesterase (AChE) inhibitor, with an IC <sub>50</sub> of 0.0003 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.0003 μM (AChE) <sup>[1]</sup> .

### REFERENCES

[1]. Aya M Soliman, et al. Piperazine-2-carboxylic acid derivatives as MTDLs anti-Alzheimer agents: Anticholinesterase activity, mechanistic aspect, and molecular modeling studies. *Bioorg Chem.* 2024 Jan;142:106916.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA