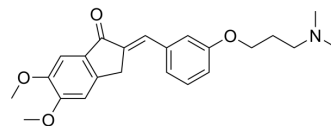


## AChE-IN-40

Cat. No.:	HY-156030
Molecular Formula:	C <sub>23</sub> H <sub>27</sub> NO <sub>4</sub>
Molecular Weight:	381.46
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-40 (Compound 5C) is an AChE inhibitor (IC <sub>50</sub> : 120 nM). AChE-IN-40 can be used for research of Alzheimer's disease <sup>[1]</sup> .
IC <sub>50</sub> & Target	0.12, 1.01 μM (AChE, BChE) <sup>[1]</sup>

### REFERENCES

[1]. Etemadi A, et al. Design, Synthesis, and Biological Evaluation of Novel Indanone Derivatives as Cholinesterase Inhibitors for Potential Use in Alzheimer's Disease. Chem Biodivers. 2023 Aug;20(8):e202300075.

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

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