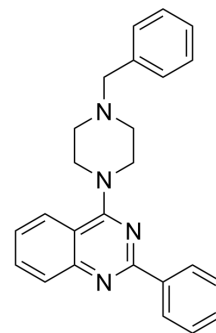


## AChE/A $\beta$ -IN-5

<b>Cat. No.:</b>	HY-163320
<b>CAS No.:</b>	181114-32-9
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>24</sub> N <sub>4</sub>
<b>Molecular Weight:</b>	380
<b>Target:</b>	Cholinesterase (ChE); Amyloid- $\beta$
<b>Pathway:</b>	Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	AChE/A $\beta$ -IN-5 (compound AV-2) is a bifunctional inhibitor that targets AChE and auto-induced A $\beta$ (Amyloid- $\beta$ ) aggregation. AChE/A $\beta$ -IN-5 can significantly improve scopolamine- and A $\beta$ -induced cognitive impairment in mice <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	AChE <sup>[1]</sup>

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

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