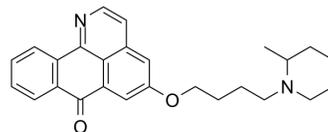


## ACHE-IN-7

Cat. No.:	HY-144660
CAS No.:	2699090-78-1
Molecular Formula:	C <sub>26</sub> H <sub>28</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	400.51
Target:	AChE
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

ACHE-IN-7 (Compound 16) is a selective and potent inhibitor of acetylcholinesterase (eeAChE IC<sub>50</sub> = 0.045 μM; eeBuChE IC<sub>50</sub> = 19.68 μM). AChE-IN-7 is safe in vivo and in vitro, and shows good overall pharmacokinetic performance and high bioavailability (F = 55.5%). AChE-IN-7 also has high BBB permeability<sup>[1]</sup>.

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

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