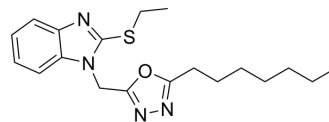


## AChE-IN-48

Cat. No.:	HY-162005
Molecular Formula:	C <sub>19</sub> H <sub>26</sub> N <sub>4</sub> OS
Molecular Weight:	359
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-48 (compound 16) is AChE inhibitor, with the IC<sub>50</sub> of 41.87 μM. AChE-IN-48 can be used for Alzheimer's disease study [1].

### REFERENCES

[1]. Begum F, et al. Inhibition of Acetylcholinesterase with Novel 1, 3, 4, Oxadiazole Derivatives: A Kinetic, In Silico, and In Vitro Approach. ACS Omega. 2023;8(49):46816-46829. Published 2023 Nov 27.

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

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