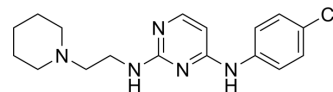


AChE-IN-57

Cat. No.:	HY-162258
Molecular Formula:	C ₁₇ H ₂₂ ClN ₅
Molecular Weight:	331.84
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-57 (compound 5b(SP-2)) is a potent AChE inhibitor. AChE-IN-57 improves cognitive defects. AChE-IN-57 restores the biochemical mediators and inhibits reactive oxygen and nitrogen species implicated in the neuroinflammation mechanism. AChE-IN-57 has the potential for the research of Alzheimer^[1].

REFERENCES

[1]. Pant S, et al. Novel Substituted Pyrimidine Derivatives as Potential Anti-Alzheimer's Agents: Synthesis, Biological, and Molecular Docking Studies. ACS Chem Neurosci. 2024 Feb 21;15(4):783-797.

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

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