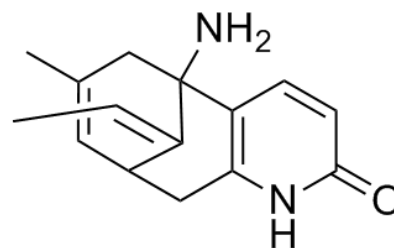


Product Name : (±)-Huperzine A
Cat. No. : PC-45211
CAS No. : 120786-18-7
Molecular Formula : C₁₅H₁₈N₂O
Molecular Weight : 242.3162
Target : Acetylcholinesterase (AChE)
Solubility : 10 mM in DMSO



Biological Activity

A naturally occurring sesquiterpene alkaloid that is a reversible and selective inhibitor of acetylcholinesterase (AChE); has been used for improving memory, cognitive and behavioral function in Alzheimer's disease; activates Wnt/ β -catenin signaling and enhances the nonamyloidogenic pathway in an Alzheimer transgenic mouse model.

Alzheimer's Disease

Approved

References

Burshtein G, et al. *Planta Med.* 2013 Mar;79(3-4):259-65.

Wang J, et al. *J Neurosci Res.* 2010 Mar;88(4):807-15.

Wang CY, et al. *Neuropsychopharmacology.* 2011 Apr;36(5):1073-89.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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