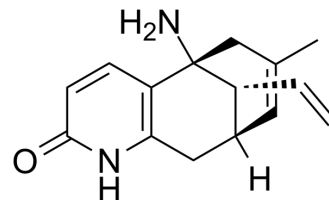


Huperzine C

Cat. No.:	HY-122957
CAS No.:	163089-71-2
Molecular Formula:	C ₁₅ H ₁₈ N ₂ O
Molecular Weight:	242.32
Target:	AChE
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Huperzine C is an alkaloid isolated from <i>Huperzia serrate</i> . Huperzine C is an acetylcholinesterase (AChE) inhibitor, with an IC ₅₀ of 0.6 μM. Huperzine C can be used for the research of Alzheimer's disease ^{[1][2]} .
IC ₅₀ & Target	IC ₅₀ : 0.6 μM (AChE) ^[2]

REFERENCES

- [1]. Fangfang Jiang, et al. Lycopodium alkaloids from *Huperzia serrate*. *Fitoterapia*. 2019 Sep;137:104277.
- [2]. Dong-Bo Zhang, et al. Lycodine-Type Alkaloids from *Lycopodium casuarinoides* and Their Acetylcholinesterase Inhibitory Activity. *Molecules*. 2014 Jul; 19(7): 9999–10010.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA