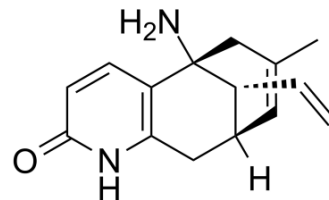


## Huperzine C

Cat. No.:	HY-122957
CAS No.:	163089-71-2
Molecular Formula:	C <sub>15</sub> H <sub>18</sub> N <sub>2</sub> 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 <sub>50</sub> of 0.6 μM. Huperzine C can be used for the research of Alzheimer's Disease <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.6 μM (AChE) <sup>[2]</sup>

### 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.**

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