
Product Data Sheet

Product Name: Huperzine C

Cat. No.: GC60913

Chemical Properties

Cas. No. 163089-71-2

SMILES O=C1C=CC([C@@]([C@@H]2C=C)(N)CC(C)=C[C@@]2([H])C3)=C3N1Formula $C_{15}H_{18}N_2O$ M.Wt 242.32

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Huperzine C is an alkaloid isolated from *Huperzia serrate*. Huperzine C is an acetylcholinesterase (AChE) inhibitor, with an IC₅₀ of 0.6 μM. Huperzine C can be used for the research of Alzheimer's Disease[1][2].

[1]. Fangfang Jiang, et al. Lycopodium alkaloids from *Huperzia serrate*. *Fitoterapia*. 2019 Sep;137:104277. [2]. Dong-Bo Zhang, et al. Lycopodium-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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