

(±) -Huperzine A

Catalog No: tcsc1089



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

120786-18-7

Formula:

$C_{15}H_{18}N_2O$

Pathway:

Neuronal Signaling

Target:

AChE

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 50 mg/mL (206.34 mM)

Observed Molecular Weight:

242.32

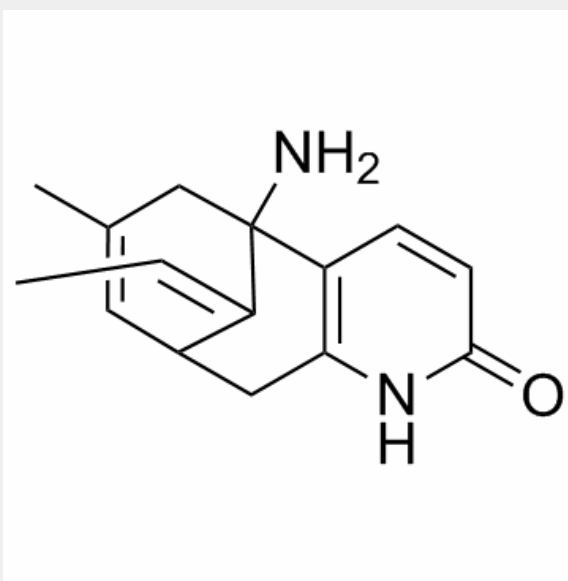
Product Description

Huperzine A, an active Lycopodium alkaloid extracted from traditional Chinese herb, is a potent, selective and reversible acetylcholinesterase (AChE) inhibitor and has been widely used in China for the treatment of Alzheimer's disease (AD).

IC50 value:

Target: AChE

Huperzine A exhibited protective effects against d-gal-induced hepatotoxicity and inflamm-aging by inhibiting AChE activity and via the activation of the cholinergic anti-inflammatory pathway. The huperzine A mechanism might be involved in the inhibition of DAMPs-mediated NF-κB nuclear localization and activation. Huperzine A is a potential therapeutic agent for Alzheimer's disease.



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