

# (-) -Huperzine A

Catalog No: tcsc1153



## Available Sizes

**Size:** 5mg

**Size:** 10mg



## Specifications

**CAS No:**

102518-79-6

**Formula:**

$C_{15}H_{18}N_2O$

**Pathway:**

Neuronal Signaling

**Target:**

AChE

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 100$  mg/mL (412.68 mM)

**Alternative Names:**

Huperzine A

**Observed Molecular Weight:**

242.32

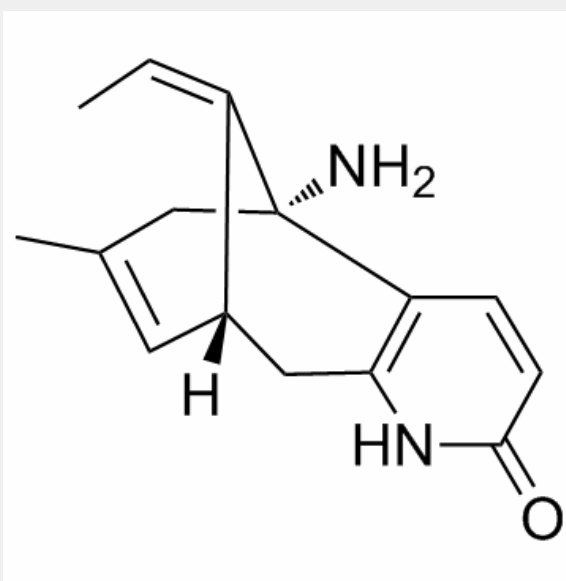
## Product Description

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.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!