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Huperzine A

Catalogue No.: abx076563

Huperzine A is a small molecule. Huperzine A is an acetylcholinesterase inhibitor. It is known for enhancing learning and memory by protecting a neurotransmitter molecule in the brain. Huperzine is also a NMDA glutamate receptor antagonist (1-2). The effects on the treatment of Alzheimer's disease is under studies (1-3). Recent studies of Huperzine A highlight the potential therapeutic use for dementia by slowing down the neuronal cell death caused by glutamate (4).

Target:	Huperzine A
Origin:	Synthetic
Purity:	>95% (HPLC); NMR (conforms)
Form:	Off-White solid
CAS Number:	102518-79-6
Storage:	Store at -20 °C.
Molecular Weight:	242.32
Molecular Formula:	C ₁₅ H ₁₈ N ₂ O
SMILES:	<chem>C/C=C/1[C@@H]2CC3=C([C@]1(CC(=C2)C)N)C=CC(=O)N3</chem>
Note:	This product is for research use only.