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Product Datasheet

Huperzine A, CAS [[102518-79-6]] FBM-10-2399

Artikelname	Huperzine A, CAS [[102518-79-6]]
Artikelnummer	FBM-10-2399
Hersteller Artikelnummer	10-2399
Alternativnummer	FBM-10-2399-5MG,FBM-10-2399-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Acetylcholinesterase inhibitor...
Molekulargewicht	242.32
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White to off-white solid
CAS Nummer	[102518-79-6]
Formel	C15H18N2O
Anwendungsbeschreibung	Huperzine A (102518-79-6) is a nootropic alkaloid from the club moss <i>Huperzia serrata</i> that reversibly inhibits acetylcholinesterase (AChE, preferentially the tetrameric form, $K_i = 7$ nM) ¹ , and antagonizes NMDA receptors (IC_{50} rat cerebral cortex = 126 μ M) ² . It is thought to have cognitive-enhancing properties, including amelioration of Alzheimers disease. ^{3,4} Recently, it has also been shown to rescue ovarian function in rats ⁵ as well as display analgesic activity in a rat spinal cord compression model ⁶ .