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## Product Datasheet

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

Article Name	Huperzine A, CAS [[102518-79-6]]
Biozol Catalog Number	FBM-10-2399
Supplier Catalog Number	10-2399
Alternative Catalog Number	FBM-10-2399-5MG, FBM-10-2399-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Acetylcholinesterase inhibitor...
Molecular Weight	242.32
Purity	>98% by HPLC NMR (Conforms)
Form	White to off-white solid
CAS Number	[102518-79-6]
Formula	C15H18N2O
Application Notes	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, $K_i = 7 \text{ nM}$ ) <sup>1</sup> , and antagonizes NMDA receptors ( $IC_{50}$ rat cerebral cortex = $126 \text{ }\mu\text{M}$ ) <sup>2</sup> . It is thought to have cognitive-enhancing properties, including amelioration of Alzheimers disease. <sup>3,4</sup> Recently, it has also been shown to rescue ovarian function in rats <sup>5</sup> as well as display analgesic activity in a rat spinal cord compression model <sup>6</sup> .