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Product Datasheet

Huperzine A, CAS [[102518-79-6]]

FBM-10-2399

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| 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, $K_i = 7 \text{ nM}$) ¹ , and antagonizes NMDA receptors (IC ₅₀ rat cerebral cortex = 126 μM) 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 . |