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## Product Datasheet

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

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| 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, $K_i = 7 \text{ nM}$ ) <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> . |