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## Product Datasheet

### PD-150606, CAS [[179528-45-1]] FBM-10-1515

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| Artikelname              | PD-150606, CAS [[179528-45-1]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Artikelnummer            | FBM-10-1515                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | 10-1515                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Alternativnummer         | FBM-10-1515-5MG,FBM-10-1515-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Produktbeschreibung      | Calpain inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Molekulargewicht         | 306.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reinheit                 | 98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formulierung             | Yellow solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CAS Nummer               | [179528-45-1]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Formel                   | C <sub>9</sub> H <sub>7</sub> IO <sub>2</sub> S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Anwendungsbeschreibung   | A selective, cell-permeable non-peptide calpain inhibitor (K <sub>i</sub> for μ- and m-calpains = 0.21 and 0.37 μM respectively). Acts at the calcium binding site of calpain rather than the substrate-binding site. Inhibits calpain activity in two intact cell systems. Attenuates hypoxic/hypoglycemic injury to cerebrocortical neurons in culture and excitotoxic injury to Purkinje cells in cerebellar slices <sup>1</sup> . Displays cytoprotective effects in oxidant- and calcium ionophore-induced cell death <sup>2</sup> . Some protective effects may be due to inhibition of MMP activity <sup>3</sup> . |