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Product Datasheet

PD-150606, CAS [[179528-45-1]]

FBM-10-1515

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| Article Name | PD-150606, CAS [[179528-45-1]] |
| Biozol Catalog Number | FBM-10-1515 |
| Supplier Catalog Number | 10-1515 |
| Alternative Catalog Number | FBM-10-1515-5MG, FBM-10-1515-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Calpain inhibitor... |
| Molecular Weight | 306.12 |
| Purity | 98% by TLC, NMR (Conforms) |
| Form | Yellow solid |
| CAS Number | [179528-45-1] |
| Formula | C9H7IO2S |
| Application Notes | A selective, cell-permeable non-peptide calpain inhibitor (Ki for μ - and m-calpains = 0.21 and 0.37 μ M 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 ¹ . Displays cytoprotective effects in oxidant- and calcium ionophore-induced cell death ² . Some protective effects may be due to inhibition of MMP activity ³ . |