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## Product Datasheet

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

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	C <sub>9</sub> H <sub>7</sub> IO <sub>2</sub> S
Application Notes	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> .