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Product Datasheet

PD-150606 FBM-10-1515

Artikelname	PD-150606
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	C9H7IO2S
Anwendungsbeschreibung	A selective, cell-permeable non-peptide calpain inhibitor (K _i 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 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 .