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Product Datasheet

Z-Phe-Tyr-CHO, CAS [[167498-29-5]]

FBM-10-3079

Artikelname	Z-Phe-Tyr-CHO, CAS [[167498-29-5]]
Artikelnummer	FBM-10-3079
Hersteller Artikelnummer	10-3079
Alternativnummer	FBM-10-3079-1MG,FBM-10-3079-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Cathepsin L inhibitor...
Molekulargewicht	446.50
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	Off-white to pale yellow solid
CAS Nummer	[167498-29-5]
Formel	C ₂₆ H ₂₆ N ₂ O ₅
Anwendungsbeschreibung	A potent and selective inhibitor of cathepsin L, IC₅₀=0.85 nM 1 selective over cathepsin B and calpain II (IC₅₀s=85.1 and 184 nM respectively). Suppresses osteoclastic pit formation at 1.5 nM and markedly inhibited parathyroid hormone-stimulated osteoclastic bone resorption.² Also inhibits cathepsin K (K_i=0.052 and 1.57 nM for cat L and cat K respectively) and partially provides the basis for the finding that cathepsin K is the protease responsible for osteoclastic bone resorption.³ Provides partial protection against serum and potassium deprivation-induced neuronal death.⁴ Active in vivo.²