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Product Datasheet

Epoxomicin FBM-10-1384

Artikelname	Epoxomicin
Artikelnummer	FBM-10-1384
Hersteller Artikelnummer	10-1384
Alternativnummer	FBM-10-1384-100UG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Irreversible 20S proteasome inhibitor...
Molekulargewicht	554.73
Reinheit	97% by HPLC, NMR (conforms)
Formulierung	White solid
CAS Nummer	[134381-21-8]
Formel	C ₂₈ H ₅₀ N ₄ O ₇
Anwendungsbeschreibung	Epoxomicin is a potent, selective and cell permeable irreversible inhibitor of the 20S proteasome. ¹ It does not inhibit non-proteasomal proteases such as papain, chymotrypsin, trypsin, calpain and cathepsin B at concentrations up to 50 μM. ¹ Epoxomicin was isolated from Actinomycete strain Q996-17 and displayed in vivo antitumor activity against B16 melanoma cells. ² Epoxomicin caused a progressive model of Parkinsons disease in various systems. ^{3,4,5} This model has been disputed. ^{6,7}