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Product Datasheet

Epoxomicin, CAS [[134381-21-8]] FBM-10-1384

Article Name	Epoxomicin, CAS [[134381-21-8]]
Biozol Catalog Number	FBM-10-1384
Supplier Catalog Number	10-1384
Alternative Catalog Number	FBM-10-1384-100UG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Irreversible 20S proteasome inhibitor...
Molecular Weight	554.73
Purity	97% by HPLC, NMR (conforms)
Form	White solid
CAS Number	[134381-21-8]
Formula	C ₂₈ H ₅₀ N ₄ O ₇
Application Notes	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}