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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	C28H50N4O7
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