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## Product Datasheet

### Epoxomicin FBM-10-1384

Article Name	Epoxomicin
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 <sub>28</sub> H <sub>50</sub> N <sub>4</sub> O <sub>7</sub>
Application Notes	Epoxomicin is a potent, selective and cell permeable irreversible inhibitor of the 20S proteasome. <sup>1</sup> It does not inhibit non-proteasomal proteases such as papain, chymotrypsin, trypsin, calpain and cathepsin B at concentrations up to 50 µM. <sup>1</sup> Epoxomicin was isolated from Actinomycete strain Q996-17 and displayed in vivo antitumor activity against B16 melanoma cells. <sup>2</sup> Epoxomicin caused a progressive model of Parkinsons disease in various systems. <sup>3,4,5</sup> This model has been disputed. <sup>6,7</sup>