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Product Datasheet

MG-132, CAS [[133407-82-6]] FBM-10-1309

Article Name	MG-132, CAS [[133407-82-6]]
Biozol Catalog Number	FBM-10-1309
Supplier Catalog Number	10-1309
Alternative Catalog Number	FBM-10-1309-5MG, FBM-10-1309-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Proteasome inhibitor...
Molecular Weight	475.63
Purity	98% by HPLC
Form	White solid
CAS Number	[133407-82-6]
Formula	C ₂₆ H ₄₁ N ₃ O ₅
Application Notes	Specific inhibitor of the chymotrypsin-like activity of the 20S proteasome (IC ₅₀ =100 nM with Z-LLL-AMC as substrate). ¹ Also inhibits calpain (IC ₅₀ =1.25 µM) ¹ Suppresses gastric cancer cell proliferation and induces macro-autophagy ² . Activates stress kinases and induces Hsp72. ³ Induces neurite outgrowth. ¹ Blocks NFκB activation by blocking IκB proteolysis (IC ₅₀ =3 µM). ⁴ Cell permeable.