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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 <sub>26</sub> H <sub>41</sub> N <sub>3</sub> O <sub>5</sub>
Application Notes	Specific inhibitor of the chymotrypsin-like activity of the 20S proteasome (IC <sub>50</sub> =100 nM with Z-LLL-AMC as substrate). <sup>1</sup> Also inhibits calpain (IC <sub>50</sub> =1.25 µM) <sup>1</sup> Suppresses gastric cancer cell proliferation and induces macro-autophagy <sup>2</sup> . Activates stress kinases and induces Hsp72. <sup>3</sup> Induces neurite outgrowth. <sup>1</sup> Blocks NFκB activation by blocking IκB proteolysis (IC <sub>50</sub> =3 µM). <sup>4</sup> Cell permeable.