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## Product Datasheet

### **Celastrol, CAS [[34157-83-0]]** **FBM-10-2187**

Article Name	Celastrol, CAS [[34157-83-0]]
Biozol Catalog Number	FBM-10-2187
Supplier Catalog Number	10-2187
Alternative Catalog Number	FBM-10-2187-5MG,FBM-10-2187-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Proteasome inhibitor...
Molecular Weight	450.62
Purity	98% by TLC, NMR conforms
Form	Red Solid
CAS Number	[34157-83-0]
Formula	C29H38O4
Application Notes	Displays potent antioxidant and anti-inflammatory activity. Inhibits NFkappaB (IC50=270 nM). It induces heat shock response and cytoprotection in various cells. Inhibits 20S proteasome chymotrypsin activity (IC50=2.5 µM). Induces autophagy by targeting AR/miR-101 in prostate cancer cells.4 Induces UPR-dependent cell death in cancer cells.5 Cell permeable.