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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	C ₂₉ H ₃₈ O ₄
Application Notes	Displays potent antioxidant and anti-inflammatory activity. Inhibits NFκB (IC ₅₀ =270 nM). It induces heat shock response and cytoprotection in various cells. Inhibits 20S proteasome chymotrypsin activity (IC ₅₀ =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.