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Product Datasheet

Aclacinomycin A HCl, CAS [[75443-99-1]] FBM-10-1099

Article Name	Aclacinomycin A HCl, CAS [[75443-99-1]]
Biozol Catalog Number	FBM-10-1099
Supplier Catalog Number	10-1099
Alternative Catalog Number	FBM-10-1099-1MG, FBM-10-1099-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Proteasome inhibitor...
Molecular Weight	848.33
Purity	95% by TLC, NMR Conforms
Form	Orange solid
CAS Number	[75443-99-1]
Formula	C42H53NO15 HCl
Application Notes	Specific inhibitor of the 20S proteasome chymotrypsin-like activity1. Inhibition of Brg1 proteasomal degradation by aclacinomycin A reverses (0.25 µM in ILU-18 cells) the removal of Brg1 from promoters of inflammatory genes elucidating the regulatory role of the proteasome in controlling the duration of the inflammatory process2. Induces the differentiation of K562 cells towards the erythroid pathway3. Induces apoptosis4. Cell permeable.