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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 activity ¹ . 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 process ² . Induces the differentiation of K562 cells towards the erythroid pathway ³ . Induces apoptosis ⁴ . Cell permeable.