

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

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 | C ₄₂ H ₅₃ NO ₁₅ 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. |