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Product Datasheet

Actinomycin D, CAS [[50-76-0]] FBM-10-2054

Article Name	Actinomycin D, CAS [[50-76-0]]
Biozol Catalog Number	FBM-10-2054
Supplier Catalog Number	10-2054
Alternative Catalog Number	FBM-10-2054-5MG,FBM-10-2054-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Transcription inhibitor...
Molecular Weight	1255.42
Purity	>98% by HPLC NMR (conforms)
Form	Orange-red solid
CAS Number	[50-76-0]
Formula	C ₆₂ H ₈₆ N ₁₂ O ₁₆
Application Notes	Actinomycin D (50-76-0) is a cyclopeptide antibiotic and intercalating transcription inhibitor with anti-neoplastic activity. Potent inhibitor of RNA polymerase. ¹ Induces apoptosis in a variety of cancer cell lines ^{2,3} via the intrinsic pathway ⁴ . Upregulates proapoptotic PUMA and downregulates Bcl-2 mRNA in peripheral blood lymphocytes. ⁵