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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 <sub>62</sub> H <sub>86</sub> N <sub>12</sub> O <sub>16</sub>
Application Notes	Actinomycin D (50-76-0) is a cyclopeptide antibiotic and intercalating transcription inhibitor with anti-neoplastic activity. Potent inhibitor of RNA polymerase. <sup>1</sup> Induces apoptosis in a variety of cancer cell lines <sup>2,3</sup> via the intrinsic pathway <sup>4</sup> . Upregulates proapoptotic PUMA and downregulates Bcl-2 mRNA in peripheral blood lymphocytes. <sup>5</sup>