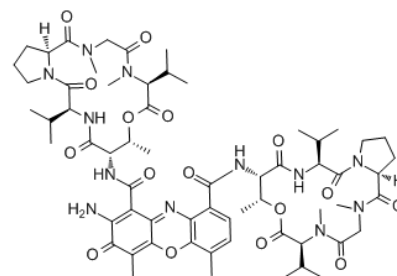


Product Name : Actinomycin D
Cat. No. : PC-45350
CAS No. : 50-76-0
Molecular Formula : C₆₂H₈₆N₁₂O₁₆
Molecular Weight : 1255.417
Target : DNA/RNA Synthesis
Solubility :



Biological Activity

A chemotherapy agent that has the ability to inhibit transcription; binds to DNA at the transcription initiation complex and preventing elongation of RNA chain by RNA polymerase; can also interfere with DNA replication; leads to the accumulation of transcriptionally active p53 in the nucleus of HeLa, CaSki, and SiHa cells.

References

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Sobell HM. Proc Natl Acad Sci U S A. 1985 Aug;82(16):5328-31.

Uberti EM, et al. Gynecol Oncol. 2009 Dec;115(3):476-81.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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