

Actinomycin D (Ready-to-Use)

Cat. No. GTX47938

Application Cell Culture, Control

Package
50 µl

PRODUCT

Summary

A small molecule that acts as an antineoplastic antibiotic. Inhibits DNA-primed RNA polymerase by complexing with DNA via deoxyguanosine residues. A DNA-intercalator with growth inhibitory activity against certain leukemias and sarcomas. At higher concentrations, DNA polymerase is inhibited. Inhibits cell growth and colony formation in synchronized HeLa cells. A potent inducer of apoptosis in many cell lines

APPLICATION

Application Note

We recommend using 1000X dilutions for inducing apoptosis in Jurkat cells (e.g., Add 1 µL to 1 ml of culture medium). However, the optimal doses may vary for different cells and culture conditions.

PROPERTIES

Form Liquid

Buffer 10mM DMSO

Preservative No preservative

Storage Store at -20°C. Protect from light and moisture.

Concentration 10 mM (Please refer to the vial label for the specific concentration.)

Purity >98% pure, as determined by TLC

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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