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Actinomycin F1

National Cancer Institute

Source

National Cancer Institute. *Actinomycin F1*. NCI Thesaurus. Code C2844.

A chromopeptide antineoplastic antibiotic isolated from the bacterium *Streptomyces chrysomallus*. Actinomycin F1 intercalates into the minor groove of DNA and binds to topoisomerase II, leading to the inhibition of DNA replication and RNA and protein synthesis. (NCI04)