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# Actinomycin Antineoplastic Antibiotic

National Cancer Institute

## Source

National Cancer Institute. *Actinomycin Antineoplastic Antibiotic*. NCI Thesaurus. Code C204.

A chromopeptide antineoplastic antibiotic isolated from the bacterial genus *Streptomyces*. Actinomycin antibiotics inhibit DNA replication and RNA and protein synthesis by various mechanisms such as intercalating into the minor groove of DNA and interfering with the function of topoisomerase II.