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Cactinomycin

National Cancer Institute

Source

National Cancer Institute. *Cactinomycin*. NCI Thesaurus. Code C1032.

A chromopeptide antineoplastic antibiotic isolated from the bacterium *Streptomyces chrysomallus*. Cactinomycin binds to DNA by intercalating between guanine and cytosine, forming stable antibiotic-DNA complexes that inhibit RNA and protein synthesis. (NCI04)