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Aclacinomycin B

National Cancer Institute

Source

National Cancer Institute. *Aclacinomycin B*. NCI Thesaurus. Code C1861.

An antineoplastic oligosaccharide anthracycline antibiotic isolated from the bacterium *Streptomyces galilaeus*. Aclacinomycin B intercalates into DNA and inhibits both the topoisomerase I and II enzymes, thereby inhibiting DNA replication and ultimately, interfering with RNA and protein synthesis.