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Streptonigrin

National Cancer Institute

Source

National Cancer Institute. *Streptonigrin*. NCI Thesaurus. Code C844.

An aminoquinone antineoplastic antibiotic isolated from the bacterium *Streptomyces flocculus*. Streptonigrin complexes with DNA and topoisomerase II, resulting in DNA cleavage and inhibition of DNA replication and RNA synthesis. This agent also acts as a reverse transcriptase inhibitor and causes free radical-mediated cellular damage. (NCI04)