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Novobiocin

National Cancer Institute

Source

National Cancer Institute. *Novobiocin*. NCI Thesaurus. Code C705.

An aminocoumarin antibiotic, produced by the actinomycete *Streptomyces nivosus*, with antibacterial property. Novobiocin, as well as other aminocoumarin antibiotics, inhibits bacterial DNA synthesis by targeting at the bacteria DNA gyrase and the related enzyme DNA topoisomerase IV. This antibiotic was used to treat infections by gram-positive bacteria.