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Spectinomycin Hydrochloride

National Cancer Institute

Source

National Cancer Institute. *Spectinomycin Hydrochloride*. NCI Thesaurus. Code C47728.

The hydrochloride salt form of spectinomycin, an aminocyclitol antibiotic derived from *Streptomyces spectabilis* with antibacterial property. Spectinomycin hydrochloride binds to the bacterial 30S ribosomal subunit, thereby inhibiting peptide elongation and protein synthesis, consequently leading to bacterial cell death.