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Chloramphenicol Sodium Succinate

National Cancer Institute

Source

National Cancer Institute. *Chloramphenicol Sodium Succinate*. NCI Thesaurus. Code C47972.

The sodium succinate salt form of chloramphenicol, a nitrobenzene derivate and broad-spectrum antibiotic with antibacterial activity. Chloramphenicol sodium succinate reversibly binds to the 50S subunit of bacterial ribosomes, thereby interfering with peptidyl transferase activity in the elongation process of protein synthesis. As a result, this agent prevents bacterial cell growth.