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Spiramycin

National Cancer Institute

Source

National Cancer Institute. *Spiramycin*. NCI Thesaurus. Code C839.

A macrolide originally discovered as product of *Streptomyces ambofaciens*, with antibacterial and antiparasitic activities. Although the specific mechanism of action has not been characterized, spiramycin likely inhibits protein synthesis by binding to the 50S subunit of the bacterial ribosome. This agent also prevents placental transmission of toxoplasmosis presumably through a different mechanism, which has not yet been characterized.