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Rebeccamycin

National Cancer Institute

Source

National Cancer Institute. *Rebeccamycin*. NCI Thesaurus. Code C1213.

An indolocarbazole glycoside antineoplastic antibiotic isolated from the bacterium *Saccharothrix aerocolonigenes*. Rebeccamycin intercalates into DNA and stabilizes the DNA-topoisomerase I complex, thereby interfering with the topoisomerase I-catalyzed DNA breakage-reunion reaction and initiating DNA cleavage and apoptosis. (NCI04)