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13-Deoxydoxorubicin

National Cancer Institute

Source

National Cancer Institute. *13-Deoxydoxorubicin*. NCI Thesaurus. Code C2494.

An analogue of the anthracycline antineoplastic antibiotic doxorubicin. 13-Deoxydoxorubicin intercalates DNA and interacts with topoisomerase II, thereby inhibiting DNA replication and repair and RNA and protein synthesis. This agent was designed to be a non-cardiotoxic anthracycline antibiotic.