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Mitoxantrone

National Cancer Institute

Source

National Cancer Institute. *Mitoxantrone*. NCI Thesaurus. Code C62050.

An anthracenedione antibiotic with antineoplastic activity. Mitoxantrone intercalates into and crosslinks DNA, thereby disrupting DNA and RNA replication. This agent also binds to topoisomerase II, resulting in DNA strand breaks and inhibition of DNA repair.

Mitoxantrone is less cardiotoxic compared to doxorubicin.