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# Losoxantrone Hydrochloride

National Cancer Institute

## Source

National Cancer Institute. *Losoxantrone Hydrochloride*. NCI Thesaurus. Code C72077.

The hydrochloride salt form of losoxantrone, an anthrapyrazole-based antineoplastic antibiotic. Losoxantrone intercalates into DNA, induces single- and double-stranded DNA breaks and inhibits topoisomerase II, thereby inhibiting DNA replication and repair as well as RNA and protein synthesis. Losoxantrone is less cardiotoxic than doxorubicin.