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Idarubicin Hydrochloride

National Cancer Institute

Source

National Cancer Institute. *Idarubicin Hydrochloride*. NCI Thesaurus. Code C1587.

The hydrochloride salt of the anthracycline antineoplastic antibiotic idarubicin. Idarubicin intercalates into DNA and inhibits topoisomerase II, thereby inhibiting DNA replication and ultimately, interfering with RNA and protein synthesis. Due to its high lipophilicity, idarubicin penetrates cell membranes more efficiently than other anthracycline antibiotic compounds