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Nemorubicin Hydrochloride

National Cancer Institute

Source

National Cancer Institute. *Nemorubicin Hydrochloride*. NCI Thesaurus. Code C84000.

The hydrochloride salt form of nemorubicin, a morpholinyl analogue of the anthracycline doxorubicin with antineoplastic activity. Nemorubicin is metabolized via the P450 CYP3A enzyme to a highly cytotoxic derivative. Unlike most anthracyclines, nemorubicin is a topoisomerase I inhibitor and appears to exert its effect through the nucleotide excision repair (NER) system. In addition, this agent does not show cross-resistance with other anthracyclines.