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# Sabarubicin

National Cancer Institute

## Source

National Cancer Institute. *Sabarubicin*. NCI Thesaurus. Code C1706.

A disaccharide analogue of the anthracycline antineoplastic antibiotic doxorubicin. Sabarubicin intercalates into DNA and interacts with topoisomerase II, thereby inhibiting DNA replication and repair and RNA and protein synthesis. This agent also induces apoptosis through a p53-independent mechanism. Sabarubicin is less cardiotoxic than doxorubicin.