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# Dynemicin A

National Cancer Institute

## Source

National Cancer Institute. *Dynemicin A*. NCI Thesaurus. Code C1079.

An enediyne antineoplastic antibiotic hybrid containing an anthraquinone moiety isolated from the bacterium *Micromonospora chersina*. The anthraquinone moiety intercalates into DNA and the benzene diradical intermediate of the enediyne core binds to the minor groove of DNA, resulting in double-strand breaks in DNA, inhibition of DNA replication and apoptosis. (NCI04)