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Enediyne Antineoplastic Antibiotic

National Cancer Institute

Source

National Cancer Institute. *Enediyne Antineoplastic Antibiotic*. NCI Thesaurus. Code C1927.

An enediyne antineoplastic antibiotic isolated from *Streptomyces* bacterial species or derived synthetically. After cycloaromatization, the enediyne core of these antibiotics is converted to a benzene diradical intermediate that removes hydrogens from deoxyriboses along the minor groove of DNA, resulting in single- and double-strand breaks and apoptosis.