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Dynemicin

National Cancer Institute

Source

National Cancer Institute. *Dynemicin*. NCI Thesaurus. Code C1928.

An antitumor antibiotic of the enediyne class. It has demonstrated high DNA cleavage activity in the presence of NADPH, antimicrobial and tumor growth-inhibiting properties. Dynemicin recognizes and cleaves conformationally flexible regions of DNA. It attacks bases at 3'-side of purine residues such as 5'-AG, 5'-AT, and 5'-GC sequences. (NCI)