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Bleomycin B2

National Cancer Institute

Source

National Cancer Institute. *Bleomycin B2*. NCI Thesaurus. Code C81672.

One of the primary bleomycin species in bleomycin sulfate, a mixture of the sulfate salts of glycopeptide bleomycin A2 and B2 isolated from *Streptomyces verticillus* with potential antineoplastic activity. Bleomycin B2 forms complexes with iron that reduce molecular oxygen to superoxide and hydroxyl radicals which cause single- and double-stranded breaks in DNA; these reactive oxygen species also induce lipid peroxidation, carbohydrate oxidation, and alterations in prostaglandin synthesis and degradation.