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# Peplomycin

National Cancer Institute

## Source

National Cancer Institute. *Peplomycin*. NCI Thesaurus. Code C1399.

A semisynthetic analog of Bleomycin, a mixture of several basic glycopeptide antineoplastic antibiotics isolated from *Streptomyces verticillus*. Peplomycin forms complexes with iron that reduce molecular oxygen to superoxide and hydroxyl radicals that cause single- and double-stranded breaks in DNA. This agent appears to show greater antitumor activity than bleomycin; its use is limited due to pulmonary toxicity. (NCI04)