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Mitomycin C Analog KW-2149

National Cancer Institute

Source

National Cancer Institute. *Mitomycin C Analog KW-2149*. NCI Thesaurus. Code C1140.

A semisynthetic water-soluble disulfide derivative of the antineoplastic antibiotic mitomycin C. Activated by serum and glutathione, KW-2149 causes interstrand DNA cross-links and DNA-protein cross-links, resulting in single-strand DNA breaks and inhibition of DNA synthesis. (NCI04)