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# Marcellomycin

National Cancer Institute

## Source

National Cancer Institute. *Marcellomycin*. NCI Thesaurus. Code C1152.

An antineoplastic oligosaccharide anthracycline antineoplastic antibiotic isolated from the bacterium *Actinosporangium bohemicum*. Marcellomycin intercalates into DNA and induces DNA crosslinks, thereby inhibiting DNA replication and repair and RNA and protein synthesis. This agent also induces differentiation in HL-60 promyelocytic leukemia cells by interfering with glycoprotein synthesis. (NCI04)