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# Chromomycin A3

National Cancer Institute

## Source

National Cancer Institute. *Chromomycin A3*. NCI Thesaurus. Code C895.

A glycosidic antineoplastic antibiotic isolated from the bacterium *Streptomyces griseus*. Chromomycin A3 reversibly binds to guanine-cytosine (G-C) base pairs in the minor groove of DNA, thereby inhibiting RNA synthesis. This agent is used as a fluorescent chromosome dye. (NCI04)