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Fostriecin

National Cancer Institute

Source

National Cancer Institute. *Fostriecin*. NCI Thesaurus. Code C1372.

An anti-tumor antibiotic isolated from the bacterium *Streptomyces pulveraceus*. Fostriecin inhibits topoisomerase II catalytic activity, resulting in impaired DNA and RNA synthesis in various malignant cell types. This agent also inhibits serine/threonine protein phosphatase type 2A in some tumor cell types, thereby interfering with cellular proliferation and differentiation. (NCI04)