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Piperazinedione

National Cancer Institute

Source

National Cancer Institute. *Piperazinedione*. NCI Thesaurus. Code C1401.

A crystalline antibiotic fermentation product isolated from the bacterium *Streptomyces griseoluteus* with antineoplastic activity. Piperazinedione alkylates DNA at the N-7 position of guanine, inhibiting DNA replication and inducing cell cycle arrest.