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Nitrofurantoin

National Cancer Institute

Source

National Cancer Institute. *Nitrofurantoin*. NCI Thesaurus. Code C29293.

A synthetic derivative of imidazolidinedione, Nitrofurantoin inhibits bacterial DNA, RNA, and cell wall protein synthesis. Activated by bacterial flavoproteins to intermediates that inactivate bacterial ribosomal proteins, Nitrofurantoin is used prophylactically as a urinary anti-infective agent against most gram-positive and gram-negative organisms and for long-term suppression of infections. (NCI04)