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Dimesna

National Cancer Institute

Source

National Cancer Institute. *Dimesna*. NCI Thesaurus. Code C1365.

A synthetic derivative of dithio-ethane sulfonate with uroprotective properties. In the kidney, dimesna undergoes reduction to the free thiol compound, mesna, which reacts chemically with the urotoxic ifosfamide metabolites acrolein and 4-hydroxy-ifosfamide, resulting in their detoxification. This agent also inhibits cyclophosphamide-induced hemorrhagic cystitis.