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Dimethylmyleran

National Cancer Institute

Source

National Cancer Institute. *Dimethylmyleran*. NCI Thesaurus. Code C1073.

An aliphatic analogue of busulfan with potential antineoplastic activity. As an alkylating agent, dimethylbusulfan induces neutropenia and has been shown to exhibit antitumor effects in some animal models. Alkylating agents exert cytotoxic and chemotherapeutic effects by transferring alkyl groups to DNA, thereby damaging DNA and interfering with DNA synthesis and cell division. (NCI04)