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Ifosfamide

National Cancer Institute

Source

National Cancer Institute. *Ifosfamide*. NCI Thesaurus. Code C564.

A synthetic analogue of the nitrogen mustard cyclophosphamide with antineoplastic activity. Ifosfamide alkylates and forms DNA crosslinks, thereby preventing DNA strand separation and DNA replication. This agent is a prodrug that must be activated through hydroxylation by hepatic microsomal enzymes. (NCI04)