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Mechlorethamine

National Cancer Institute

Source

National Cancer Institute. *Mechlorethamine*. NCI Thesaurus. Code C62056.

A synthetic agent related to sulphur mustard with antineoplastic and immunosuppressive properties. Nitrogen mustard (a member of a family of chemotherapy agents including cyclophosphamide and chlorambucil) is an irritant and carcinogenic agent metabolized to a highly reactive ethylene immonium derivative; the ethylene immonium derivative alkylates DNA and inhibits DNA replication. This agent also exhibits lympholytic properties. (NCI04)