

[Open Peer Review on Qeios](#)

Cyclophosphamide

National Cancer Institute

Source

National Cancer Institute. *Cyclophosphamide*. NCI Thesaurus. Code C405.

A synthetic alkylating agent chemically related to the nitrogen mustards with antineoplastic and immunosuppressive activities. In the liver, cyclophosphamide is converted to the active metabolites aldophosphamide and phosphoramidate mustard, which bind to DNA, thereby inhibiting DNA replication and initiating cell death.