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Spiromustine

National Cancer Institute

Source

National Cancer Institute. *Spiromustine*. NCI Thesaurus. Code C1233.

A bifunctional nitrogen alkylating agent with antineoplastic activity and lipophilic properties. Containing a lipophilic hydantoin group that serves as a carrier to cross the blood brain barrier, spiromustine forms covalent linkages with nucleophilic centers in DNA, causing depurination, base-pair miscoding, strand scission, and DNA-DNA cross-linking, which may result in cytotoxicity. (NCI04)