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Semustine

National Cancer Institute

Source

National Cancer Institute. *Semustine*. NCI Thesaurus. Code C827.

A methylated derivative of carmustine with antineoplastic activity. As an alkylating agent, semustine 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)