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# Carmustine

National Cancer Institute

## Source

National Cancer Institute. *Carmustine*. NCI Thesaurus. Code C349.

An antineoplastic nitrosourea. Carmustine alkylates and cross-links DNA during all phases of the cell cycle, resulting in disruption of DNA function, cell cycle arrest, and apoptosis. This agent also carbamoylates proteins, including DNA repair enzymes, resulting in an enhanced cytotoxic effect. Carmustine is highly lipophilic and crosses the blood-brain barrier readily. (NCI04)