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Dihydro-5-Azacytidine

National Cancer Institute

Source

National Cancer Institute. *Dihydro-5-Azacytidine*. NCI Thesaurus. Code C980.

A synthetic nucleoside analogue of deoxycytidine. Dihydro-5-azacytidine inhibits DNA methyltransferase, thereby interfering with abnormal DNA methylation patterns that are associated with genetic instability in some tumor cells. Inhibition of this enzyme may restore expression of tumor-suppressor genes and result in antitumor activity. (NCI04)