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3-Deazauridine

National Cancer Institute

Source

National Cancer Institute. *3-Deazauridine*. NCI Thesaurus. Code C193.

A synthetic analogue of nucleoside uridine lacking a ring nitrogen in the 3-position. 3-deazauridine inhibits cytidine synthase, thereby reducing intracellular levels of cytidine and deoxycytidine and disrupting DNA and RNA synthesis. This agent may trigger apoptosis and enhance differentiation of neoplastic cells.(NCI04)