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Deoxycytidine Analogue TAS-109

National Cancer Institute

Source

National Cancer Institute. *Deoxycytidine Analogue TAS-109*. NCI Thesaurus. Code C82697.

An analogue of the nucleoside deoxycytidine with potential antineoplastic activity.

Nucleoside analogue TAS-109 is incorporated into DNA and directly inhibits the activity of DNA polymerase, which may result in inhibition of DNA replication and cell cycle arrest in the S and G2/M phases, DNA fragmentation, and tumor cell apoptosis.