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Nelarabine

National Cancer Institute

Source

National Cancer Institute. *Nelarabine*. NCI Thesaurus. Code C1704.

An arabinonucleoside antimetabolite with antineoplastic activity. Nelarabine is demethoxylated by adenosine deaminase to become biologically active 9-beta-D-arabinosylguanine (ara-G); ara-G incorporates into DNA, thereby inhibiting DNA synthesis and inducing an S phase-dependent apoptosis of tumor cells. (NCI04)