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Pentamidine

National Cancer Institute

Source

National Cancer Institute. *Pentamidine*. NCI Thesaurus. Code C731.

A synthetic derivative of amidine with antiprotozoal and antifungal activities. Although the precise mode of action of pentamidine is unclear, it appears to interact directly with the pathogen genome by binding to AT-rich regions of duplex DNA and the minor groove of DNA, thereby interfering with DNA replication. (NCI04)