

[Open Peer Review on Qeios](#)

Pentamidine Isethionate

National Cancer Institute

Source

National Cancer Institute. *Pentamidine Isethionate*. NCI Thesaurus. Code C29349.

A synthetic amidine derivative, Pentamidine Isethionate is an antiprotozoal and antifungal agent that appears to interact with the minor groove of AT-rich DNA regions of the pathogen genome, interfering with DNA replication and function. It is effective in the treatment of trypanosomiasis, leishmaniasis, some fungal infections, and *Pneumocystis carinii* pneumonia in HIV-infected patients. (NCI04)