

[Open Peer Review on Qeios](#)

Methoxyamine

National Cancer Institute

Source

National Cancer Institute. *Methoxyamine*. NCI Thesaurus. Code C78084.

An orally bioavailable small molecule inhibitor with potential adjuvant activity.

Methoxyamine covalently binds to apurinic/apyrimidinic (AP) DNA damage sites and inhibits base excision repair (BER), which may result in an increase in DNA strand breaks and apoptosis. This agent may potentiate the anti-tumor activity of alkylating agents.