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# Methoxyamine Hydrochloride

National Cancer Institute

## Source

National Cancer Institute. *Methoxyamine Hydrochloride*. NCI Thesaurus. Code C78085.

The hydrochloride salt form of methoxyamine, an alkoxyamine with potential chemotherapeutic adjuvant activity. Methoxyamine covalently binds to apurinic/apyrimidinic DNA damage sites and thereby inhibits base excision repair (BER) process, which may prevent repair of DNA strand breaks and result in an induction of apoptosis. This agent may potentiate the anti-tumor activity of alkylating agents.