

Product Name : TRC102
Cat. No. : PC-72643
CAS No. : 593-56-6
Molecular Formula : CH₆ClNO
Molecular Weight : 83.51
Target : Other Targets
Solubility :



Biological Activity

TRC102 (Methoxyamine HCl, TRC-102) is a small-molecule base-excision repair (BER) inhibitor, potentiates the cytotoxicity of pemetrexed and reverses resistance by binding to chemotherapy-induced abasic sites in DNA.

Methoxyamine HCl is highly water soluble potentiates the cytotoxicity of alkylator and antimetabolite chemotherapy and reverses chemotherapy resistance by rapidly and covalently binding to chemotherapy-induced apurinic/aprimidinic (AP, abasic) sites in DNA.

TRC102 extended median tumor growth delay in mice with human NSCLC xenografts.

References

Michael S Gordon, et al. Invest New Drugs. 2013 Jun;31(3):714-23.

Tithi Biswas, et al. Clin Cancer Res. 2022 Feb 15;28(4):646-652.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com