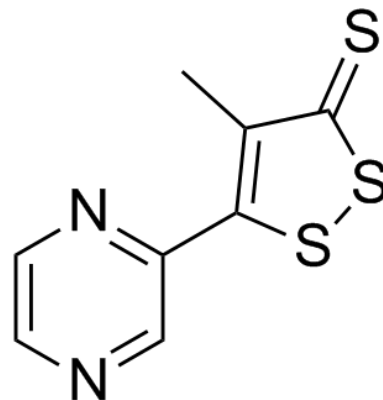


Product Name : Oltipraz
Cat. No. : PC-43087
CAS No. : 64224-21-1
Molecular Formula : C₈H₆N₂S₃
Molecular Weight : 226.3416
Target : HIF/HIF Prolyl-hydroxylase
Solubility : 10 mM in DMSO



Biological Activity

Oltipraz (RP 35972, NSC 347901) is a cancer chemopreventive agent with inhibitory effect on angiogenesis and tumor growth, inhibits insulin- or hypoxia-induced HIF-1 α expression through an increase in ubiquitination; abrogates insulin-induced H₂O₂ production, thereby preventing H₂O₂-enhanced HIF-1 α expression and promoting its ubiquitination and degradation; inhibits HIF-1 α activity and HIF-1 α -dependent tumor growth both in vitro and in vivo. Steatohepatitis
Phase 3 Clinical

References

- Lee WH, et al. Mol Cancer Ther. 2009 Oct;8(10):2791-802.
Kang SG, et al. Carcinogenesis. 2012 Mar;33(3):661-9.
Lee YH, et al. Bioorg Med Chem. 2016 Jun 15;24(12):2843-51.

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

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