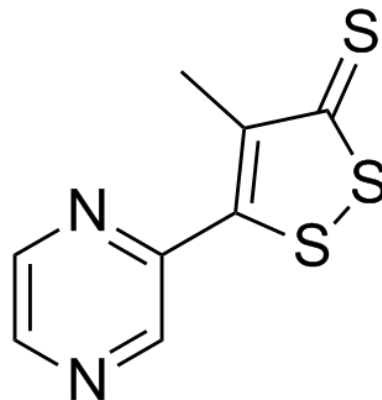


Product Name : Oltipraz
Cat. No. : PC-43087
CAS No. : 64224-21-1
Molecular Formula : C₈H₆N₂S₃
Molecular Weight : 226.3416
Target : HIF/HIF Prolyl-hydroxylase
Solubility : 10 mM in DMSO



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.

Oltipraz (RP 35972, NSC 347901) abrogates insulin-induced H(2)O(2) production, thereby preventing H(2)O(2)-enhanced HIF-1 α expression and promoting its ubiquitination and degradation.

Oltipraz (RP 35972, NSC 347901) inhibits HIF-1 α activity and HIF-1 α -dependent tumor growth both in vitro and in vivo.

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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