



Product Information

Keap1-Nrf2 inhibitor Oltipraz, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ574

Size: 10 mg; 25 mg; 50 mg; 100 mg

MDL: MFCD00868499

CAS Number: 64224-21-1

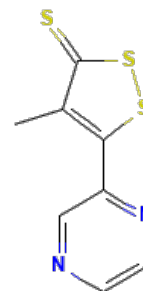
Compound CID: 47318

Synonym: Oltipraz; 64224-21-1; 4-Methyl-5-(pyrazin-2-yl)-3*H*-1,2-dithiole-3-thione;

RP 35972; Oltipraz [INN]; Oltiprazum; 4-Methyl-5-pyrazinyl-3*H*-1,2-dithiole-3-thione;

Keap1-Nrf2 inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Oltipraz, soluble in warmed DMSO and insoluble in water and ethanol, is an active small molecule compound that mediates the Keap1-Nrf2 signaling pathway. It targets Nrf2.
Molecular Weight	226.34
Molecular Formula	C ₈ H ₆ N ₂ S ₃
Targets	Nrf2
IUPAC Name	4-Methyl-5-pyrazin-2-ylidithiole-3-thione
InChI	InChI=1S/C8H6N2S3/c1-5-7(12-13-8(5)11)6-4-9-2-3-10-6/h2-4H,1H3
InChI Key	CKNAQFVBEHDJQV-UHFFFAOYSA-N
Canonical SMILES	CC1=C(SSC1=S)C2=NC=CN=C2
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	Warmed DMSO: 34 mg/mL (150.21 mM); Water: Insoluble; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Oltipraz can be used to investigate its effects as an anticarcinogen and chemoprotective agent via Nrf2 pathway activation.
Storage	Store at -20°C.



CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com
