

## Oltipraz, Nrf2 activator

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Catalog	Unit
TBI2831-50MG	50 mg
TBI2831-250MG	250 mg

### Product Details

**Formal Name:** 4-Methyl-5-pyrazinyl-3H-1,2-dithiole-3-thione

**Molecular Formula:** C<sub>8</sub>H<sub>6</sub>N<sub>2</sub>S<sub>3</sub>

**Formula Weight:** 226.34

**CAS Number:** 64224-21-1

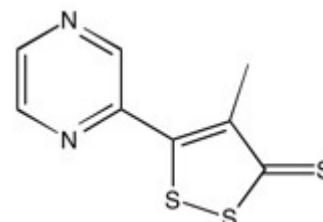
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 50 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Nrf2 activator

### Functions

Upregulates the transcription factor NRF2 and prevents insulin resistance and obesity induced by high fat diet in C57BL/6J mice. Attenuates the progression of fibrosis in a rat model of nonalcoholic steatohepatitis. Attenuates chronic hypoxia-induced cardiopulmonary alterations in mice. Promotes liver regeneration after partial hepatectomy. Off target effects: Activates constitutive androstane receptor (CAR).

### Application Procedures

First dissolved in DMSO (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 1 month.

**For research use only.**