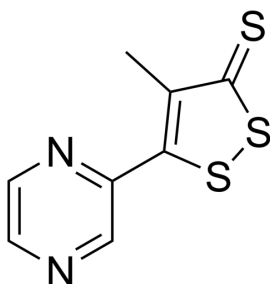


## Certificate of Analysis

**Product Name:** Oltipraz  
**Cat. No.:** CS-5412  
**CAS No.:** 64224-21-1  
**Batch No.:** 229937  
**Chemical Name:** 3H-1,2-Dithiole-3-thione, 4-methyl-5-(2-pyrazinyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>8</sub>H<sub>6</sub>N<sub>2</sub>S<sub>3</sub>  
**Molecular Weight:** 226.34  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Pink to red (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 98.55%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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