

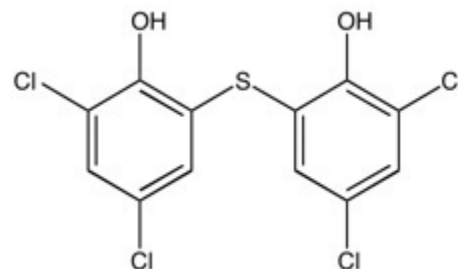
## Bithionol, Glutamate dehydrogenase inhibitor

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Catalog	Unit
TBI4567-100MG	100 mg
TBI4567-500MG	500 mg

### Product Details

**Formal Name:** Bis(2-hydroxy-3,5-dichlorophenyl)sulfide  
**Molecular Formula:** C<sub>12</sub>H<sub>6</sub>Cl<sub>4</sub>O<sub>2</sub>S  
**Formula Weight:** 356.05  
**CAS Number:** 97-18-7  
**Purity:** >98%  
**Formulation:** powder  
**Solubility:** Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).  
**Storage:** RT  
**Stability:** ≥ 1 year.



### Applications

Glutamate dehydrogenase inhibitor

### Functions

Bithionol is an antihelmintic drug with bacteriostatic and fungicidal properties. Bithionol has also been found to be an inhibitor of glutamate dehydrogenase (IC<sub>50</sub> = 4.8 μM bovine GDH1).

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 1 month.

**For research use only.**