

## Bromotetramisole, Alkaline phosphatase inhibitor

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| Catalog      | Unit  |
|--------------|-------|
| TBI1527-5MG  | 5 mg  |
| TBI1527-25MG | 25 mg |

### Product Details

**Formal Name:** (-)-(S)-6-(4-Bromophenyl)-2,3,5,6-tetrahydroimidazo[2,1-b]thiazole oxalate

**Alternate Names:** L-p-Bromotetramisole oxalate; (-)-p-Bromolevamisole

**Molecular Formula:** C<sub>11</sub>H<sub>11</sub>BrN<sub>2</sub>S · C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>

**Formula Weight:** 373.22

**CAS Number:** 62284-79-1

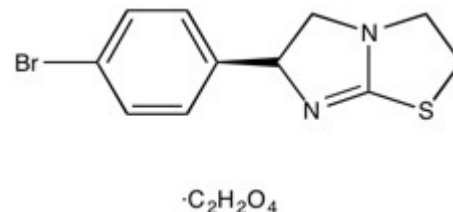
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in Water (up to 10 mg/ml).

**Storage:** RT

**Stability:** ≥ 1 year.



### Applications

Alkaline phosphatase inhibitor

### Functions

Potent alkaline phosphatase inhibitor. Strongly activates cystic fibrosis transmembrane conductance regulator (CFTR) chloride channels by inhibiting a membrane associated protein phosphatase. Inhibits terminal cell division-associated differentiation in murine erythroleukemia cells.

### Application Procedures

First dissolved in Water (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in distilled water may be stored at -20°C for up to 3 months.

**For research use only.**