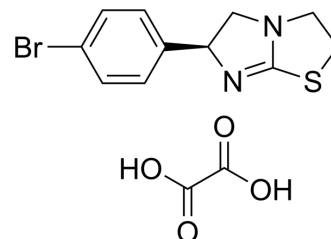


(-)-p-Bromotetramisole oxalate

Cat. No.:	HY-19695
CAS No.:	62284-79-1
Molecular Formula:	C ₁₃ H ₁₃ BrN ₂ O ₄ S
Molecular Weight:	373.22
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 29 mg/mL (77.70 mM)
 H₂O : ≥ 25 mg/mL (66.98 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		2.6794 mL	13.3969 mL	26.7938 mL
	5 mM		0.5359 mL	2.6794 mL	5.3588 mL
	10 mM		0.2679 mL	1.3397 mL	2.6794 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.70 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (5.57 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (5.57 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(-)-p-Bromotetramisole Oxalate is a potent and non-specific alkaline phosphatase inhibitor.

CUSTOMER VALIDATION

- Metabolites. 2023, 13(1), 30.

See more customer validations on www.MedChemExpress.com

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

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