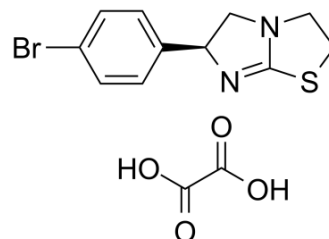


(-)-p-Bromotetramisole oxalate

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:	<table border="0"> <tr> <td>Powder</td> <td>-20°C</td> <td>3 years</td> </tr> <tr> <td></td> <td>4°C</td> <td>2 years</td> </tr> <tr> <td>In solvent</td> <td>-80°C</td> <td>6 months</td> </tr> <tr> <td></td> <td>-20°C</td> <td>1 month</td> </tr> </table>	Powder	-20°C	3 years		4°C	2 years	In solvent	-80°C	6 months		-20°C	1 month
Powder	-20°C	3 years											
	4°C	2 years											
In solvent	-80°C	6 months											
	-20°C	1 month											



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 29 mg/mL (77.70 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 >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.5 mg/mL (6.70 mM); Clear solution
- 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 >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (6.70 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

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

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

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