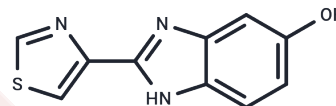


5-hydroxy Thiabendazole

Chemical Properties

CAS No. :	948-71-0
Formula:	C ₁₀ H ₇ N ₃ O ₂ S
Molecular Weight:	217.247
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	5-hydroxy Thiabendazole (5-OH TBZ) is a major metabolite of the anthelmintic thiabendazole. Unlike thiabendazole, 5-OH TBZ has no effect on the growth of third-stage <i>A. caninum</i> larvae.
Targets(IC50)	Others, Drug Metabolite

Solubility Information

Solubility	Ethanol: 0.5 mg/mL (2.3 mM), Sonication is recommended. DMSO: 20 mg/mL (92.06 mM), Sonication is recommended. DMSO:PBS (pH 7.2) (1:20): 0.05 mg/mL (0.23 mM), Sonication is recommended. DMF: 20 mg/mL (92.06 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.603 mL	23.015 mL	46.0299 mL
5 mM	0.9206 mL	4.603 mL	9.206 mL
10 mM	0.4603 mL	2.3015 mL	4.603 mL
50 mM	0.0921 mL	0.4603 mL	0.9206 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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