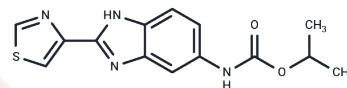


Cambendazole

Chemical Properties

CAS No. :	26097-80-3
Formula:	C ₁₄ H ₁₄ N ₄ O ₂ S
Molecular Weight:	302.35
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	Cambendazole (Novazole) is one of the most effective agents for the therapy of human strongyloidiasis. Cambendazole is a nematocide effective against a variety of gastrointestinal parasites in cattle, sheep, and horses.
Targets(IC50)	Others,Parasite

Solubility Information

Solubility	H ₂ O: 3.03 mg/mL (10.02 mM),Sonication is recommended. DMSO: 45 mg/mL (148.83 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (6.61 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3074 mL	16.5371 mL	33.0743 mL
5 mM	0.6615 mL	3.3074 mL	6.6149 mL
10 mM	0.3307 mL	1.6537 mL	3.3074 mL
50 mM	0.0661 mL	0.3307 mL	0.6615 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.

Reference

Andrade Sre, et al. 2003 Nov 24;33(4):655-65.

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