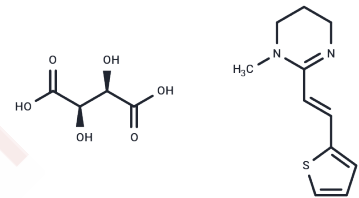


Pyrantel tartrate

Chemical Properties

CAS No. :	33401-94-4
Formula:	C ₁₅ H ₂₀ N ₂ O ₆ S
Molecular Weight:	356.39
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	Pyrantel tartrate (Banminth) is broad spectrum anthelmintic for livestock.
Targets(IC50)	Antibiotic,AChR,Parasite

Solubility Information

Solubility	DMSO: 60 mg/mL (168.35 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 (5.61 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	2.8059 mL	14.0296 mL	28.0591 mL
5 mM	0.5612 mL	2.8059 mL	5.6118 mL
10 mM	0.2806 mL	1.403 mL	2.8059 mL
50 mM	0.0561 mL	0.2806 mL	0.5612 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

Pratt SE, et al. Am J Vet Res. 1981 May;42(5):871-2.

Brueggeman L, Sturgeon M L, Martin R M, et al. Drug repositioning in epilepsy reveals novel antiseizure candidates. Annals of Clinical and Translational Neurology. 2018 Dec 11;6(2):295-309

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