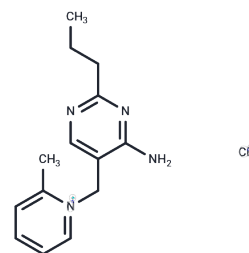


Amprolium

Chemical Properties

CAS No. :	121-25-5
Formula:	C ₁₄ H ₁₉ N ₄ ·Cl
Molecular Weight:	278.79
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Amprolium is a veterinary coccidiostat that interferes with THIAMINE metabolism.
Targets(IC50)	Parasite

Solubility Information

Solubility	H ₂ O: 10 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	3.5869 mL	17.9346 mL	35.8693 mL
5 mM	0.7174 mL	3.5869 mL	7.1739 mL
10 mM	0.3587 mL	1.7935 mL	3.5869 mL
50 mM	0.0717 mL	0.3587 mL	0.7174 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

Iqbal A, et al. J Parasit Dis. 2013 Apr;37(1):88-93.

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