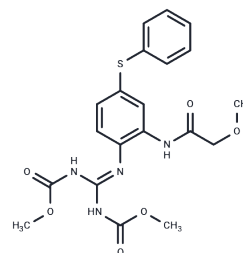


Febantel

Chemical Properties

CAS No. :	58306-30-2
Formula:	C ₂₀ H ₂₂ N ₄ O ₆ S
Molecular Weight:	446.48
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	Febantel is an anthelmintic. It is used for veterinary use on dogs, cats, cattle, sheep, goats, pig, and poultry against roundworms and tapeworms.
Targets(IC50)	Parasite
In vitro	Febantel is a veteran anthelmintic (wormer) compound. Febantel is transformed into fenbendazole in the stomach and the intestine of the host, shortly after ingestion. Once transformed its behavior is comparable to the one of fenbendazole.

Solubility Information

Solubility	DMSO: 55 mg/mL (123.19 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	2.2397 mL	11.1987 mL	22.3974 mL
5 mM	0.4479 mL	2.2397 mL	4.4795 mL
10 mM	0.224 mL	1.1199 mL	2.2397 mL
50 mM	0.0448 mL	0.224 mL	0.4479 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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