



LKT Laboratories, Inc.

Pyrantel Pamoate

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Product Information

Product ID P9668

CAS No. 22204-24-6

Chemical Name (E)-1,4,5,6-Tetrahydro-1-methyl-2-[2-(2-thienyl)-ethenyl]pyrimidine pamoate

Synonym Pyrantel embonate, Antiminth, Cobantril, Early bird, Helmex, Piranver

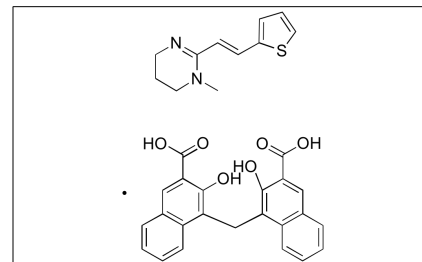
Formula $C_{23}H_{16}O_6 \cdot C_{11}H_{14}N_2S$

Formula Wt. 594.68

Melting Point 266-267°C

Purity ≥98%

Solubility Insoluble in water.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
P9668	5 g	\$47.40
P9668	10 g	\$78.80
P9668	50 g	\$255.20

Store Temp Ambient

Ship Temp Ambient

Description Pyrantel pamoate is a mixture of pyrantel, a thiophene, and pamoic acid. This combination exhibits anti-parasitic/anti-helminthic activities. Pyrantel pamoate acts as a depolarizing neuromuscular junction blocker, activating nicotinic acetylcholine receptors (nAChRs) at the neuromuscular junction and inducing muscular paralysis. Pyrantel pamoate is used to treat worm infections in humans and animals.

References Reinemeyer CR, Hutchens DE, Eckblad WP, et al. Dose-confirmation studies of the cestocidal activity of pyrantel pamoate paste in horses. *Vet Parasitol.* 2006 Jun 15;138(3-4):234-9. PMID: 16530970.

Clark JN, Daurio CP, Plue RE, et al. Efficacy of ivermectin and pyrantel pamoate combined in a chewable formulation against heartworm, hookworm, and ascarid infections in dogs. *Am J Vet Res.* 1992 Apr;53(4):517-20. PMID: 1586021.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.