



LKT Laboratories, Inc.

Amprolium Hydrochloride

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Product Information

Product ID A5162

CAS No. 137-88-2

Chemical Name 1-[(4-Amino-2-propyl-5-pyrimidinyl)methyl]-2-methylpyridinium chloride hydrochloride

Synonym Amprol

Formula $C_{14}H_{19}ClN_4 \cdot HCl$

Formula Wt. 315.24

Melting Point 248-249° C(dec.)

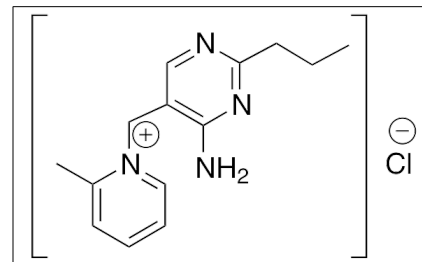
Purity ≥97%

Solubility Soluble in water, methanol, ethanol, and dimethyl- formamide. Practically insoluble in isopropanol, butanol, ethyl acetate and acetonitrile..

Store Temp Ambient

Ship Temp Ambient

Description Amprolium is an anti-parasitic coccidiostat used in veterinary medicine. Amprolium is a thiamine analog that inhibits thiamine transporters in species of *Eimeria*, preventing carbohydrate synthesis.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A5162	1 g	\$40.00
A5162	25 g	\$56.40
A5162	100 g	\$190.80

References Young G, Alley ML, Foster DM, et al. Efficacy of amprolium for the treatment of pathogenic *Eimeria* species in Boer goat kids. *Vet Parasitol.* 2011 Jun 10;178(3-4):346-9. PMID: 21333448.

Dudeja PK, Tyagi S, Gill R, et al. Evidence for a carrier-mediated mechanism for thiamine transport to human jejunal basolateral membrane vesicles. *Dig Dis Sci.* 2003 Jan;48(1):109-15. PMID: 12645798.

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