



LKT Laboratories, Inc.

Fenbendazole

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Product Information

Product ID F1650

CAS No. 43210-67-9

Chemical Name [5-(Phenylthio)-1H-benzimidazol-2-yl]carbamic acid methyl ester

Synonym HOE-881v, Panacur, SafeGard

Formula C₁₅H₁₃N₃O₂S

Formula Wt. 299.35

Melting Point 233°C (dec)

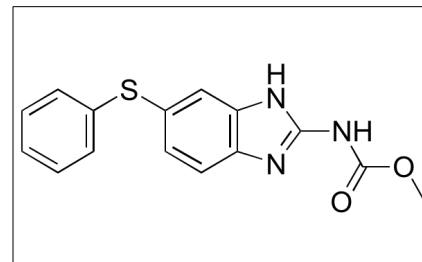
Purity ≥98%

Solubility Insoluble in water. Slightly soluble in most organic solvents. Soluble in DMSO.

Store Temp Ambient

Ship Temp Ambient

Description Fenbendazole is a benzimidazole anti-parasitic/anti-helminthic that is used in veterinary medicine to treat infections of *Giardia*, *Strongyloides*, and various worms. Fenbendazole binds fungal tubulin, preventing microtubule polymerization and inhibiting hyphal growth and nuclear division.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
F1650	5 g	\$44.80
F1650	10 g	\$67.40
F1650	100 g	\$374.60

References Küster T, Stadelmann B, Aeschbacher D, et al. Activities of fenbendazole in comparison with albendazole against *Echinococcus multilocularis* metacestodes in vitro and in a murine infection model. *Int J Antimicrob Agents*. 2014 Apr;43(4):335-42. PMID: 24646943.

Lubega GW, Prichard RK. Specific interaction of benzimidazole anthelmintics with tubulin: high-affinity binding and benzimidazole resistance in *Haemonchus contortus*. *Mol Biochem Parasitol*. 1990 Jan 15;38(2):221-32. PMID: 2325707.

Prichard RK. Anthelmintics for cattle. *Vet Clin North Am Food Anim Pract*. 1986 Jul;2(2):489-501. PMID: 3488116.

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