



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)

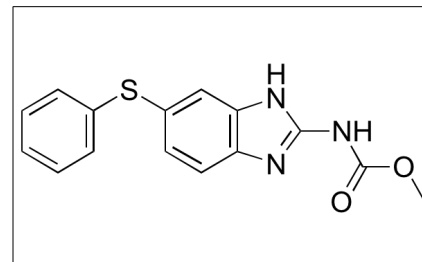
Purity ≥98%

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.



Bulk quantities available upon request

Product ID	Size
F1650	5 g
F1650	10 g
F1650	100 g

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.