



LKT Laboratories, Inc.

## Oxibendazole

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### Product Information

**Product ID** O9334

**CAS No.** 20559-55-1

**Chemical Name** (5-propoxy-1H-benzimidazol-2-yl) carbamic acid methyl ester

**Synonym** Equitac, SKF-30310, Anthelcide EQ

**Formula** C<sub>12</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>

**Formula Wt.** 249.27

**Melting Point** 230-230.5 °C

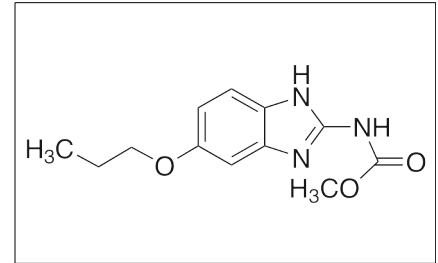
**Purity** ≥98%

**Solubility** Insoluble in water. Soluble in acetic acid and formic acid.

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Oxibendazole is a benzimidazole antifungal compound that also exhibits anti-parasitic and anti-helminthic activities. This compound inhibits microtubule polymerization. Oxibendazole is used in veterinary medicine, displaying efficacy against species of *Coronocyclus*, *Cylicocyclus*, *Cyathostornum*, *Cylicostephanus*, *Strongylus*, and *Oxyuris*.



**Bulk quantities available upon request**

Product ID	Size
O9334	5 g
O9334	10 g
O9334	25 g

**References** Nielsen MK, Betancourt A, Lyons ET, et al. Characterization of the inflammatory response to anthelmintic treatment of ponies with cyathostomiasis. *Vet J.* 2013 Nov;198(2):457-62. PMID: 24035469.

Traversa D, Iorio R, Otranto D, et al. Species-specific identification of equine cyathostomes resistant to fenbendazole and susceptible to oxibendazole and moxidectin by microarray probing. *Exp Parasitol.* 2009 Jan;121(1):92-5. PMID: 18950625.

Kates KC, Colglazier ML, Enzie FD. Oxibendazole: critical anthelmintic trials in equids. *Vet Rec.* 1975 Dec 6;97(23):442-4. PMID: 1216434.

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