



LKT Laboratories, Inc.

Albendazole

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Product Information

Product ID A4606

CAS No. 54965-21-8

Chemical Name Methyl 5-propylthio-2-benzimidazolecarbamate

Synonym 5-(Propylthio)-2-carbomethoxyaminobenzimidazole, Bilutac, Valbazen, Zentel

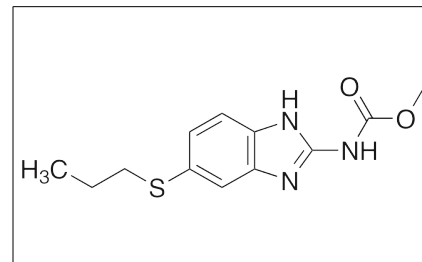
Formula C₁₂H₁₅N₃O₂S

Formula Wt. 265.33

Melting Point 208-210°C

Purity ≥95%

Solubility Slightly soluble in water,
DMSO, methanol.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A4606	10 g	\$55.10
A4606	50 g	\$165.40

Store Temp Ambient

Ship Temp Ambient

Description Albendazole is a benzimidazole compound that exhibits anti-parasitic and anticancer chemotherapeutic activities. Albendazole displays anti-helminthic benefit in the treatment of worm infections in humans and animals. Albendazole also displays antimitotic properties, binding the colchicine site of tubulin and inhibiting microtubule polymerization. In cellular and animal models of colorectal cancer, albendazole induces G2/M phase cell cycle arrest and apoptosis and decreases tumor growth. TEST!!!!!!

References Pourgholami MH, Akhter J, Wang L, et al. Antitumor activity of albendazole against the human colorectal cancer cell line HT-29: in vitro and in a xenograft model of peritoneal carcinomatosis. *Cancer Chemother Pharmacol.* 2005 May;55(5):425-32. PMID: 15565325.

Theodorides VJ, Gyurik RJ, Kingsbury WD, et al. Anthelmintic activity of albendazole against liver flukes, tapeworms., lung and gastrointestinal roundworms. *Experientia.* 1976 Jun 15;32(6):702-3. PMID: 950011.

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