



LKT Laboratories, Inc.

Flubendazole

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID F4679

CAS No. 31430-15-6

Chemical Name [5-(4-Fluorobenzoyl)-1H-benzimidazole-2-yl]carbamic acid methyl ester

Synonym Flubenol, Flumoxal, Flumoxane, Fluvermal

Formula C₁₆H₁₂FN₃O₃

Formula Wt. 313.28

Melting Point 260° C

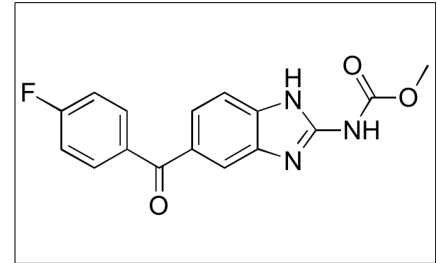
Purity ≥98%

Solubility Insoluble in water.

Store Temp Ambient

Ship Temp Ambient

Description Flubendazole is a benzimidazole compound that inhibits microtubule polymerization; it exhibits anti-parasitic and anticancer chemotherapeutic activities. Flubendazole displays anti-helminthic benefit against *Haemonchus* and *Trichomonas*. When co-administered with vinblastine, flubendazole decreases in vitro cell viability and in vivo tumor growth in leukemia and myeloma models.



Bulk quantities available upon request

Product ID	Size
F4679	1 g
F4679	10 g
F4679	25 g
F4679	100 g

References Spagnuolo PA, Hu J, Hurren R, et al. The antihelminthic flubendazole inhibits microtubule function through a mechanism distinct from Vinca alkaloids and displays preclinical activity in leukemia and myeloma. *Blood*. 2010 Jun 10;115(23):4824-33. PMID: 20348394.

Juliano C, Martinotti MG, Cappuccinelli P. "In vitro" effect of microtubule inhibitors on *Trichomonas vaginalis*. *Microbiologica*. 1985 Jan;8(1):31-42. PMID: 3871893.

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