



Product Information

Product ID R3310

CAS No. 54029-12-8

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

Synonym (+)-Albendazole sulfoxide, Albendazole oxide

Formula C₁₂H₁₅N₃O₃S

Formula Wt. 281.33

Melting Point 226-228°C (dec)

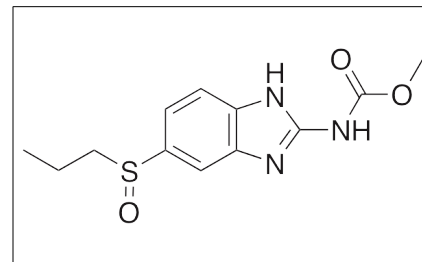
Purity ≥98%

Solubility

Store Temp Ambient

Ship Temp Ambient

Description Ricobendazole is an anti-parasitic nitroimidazole compound administered subcutaneously, unlike most nitroimidazoles. Ricobendazole binds the colchicine site of tubulin, inhibiting microtubule polymerization. Ricobendazole also exhibits anticancer activity, potentiating the effects of taxanes and inhibiting cell proliferation in breast cancer cells, non-small cell lung cancer (NSCLC) cells, and melanoma cells.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
R3310	10 g	\$52.50
R3310	25 g	\$90.00
R3310	100 g	\$267.50

References Lopes WD, Cruz BC, Soares VE, et al. Historic of therapeutic efficacy of albendazol sulfoxide administered in different routes, dosages and treatment schemes, against *Taenia saginata* cysticercus in cattle experimentally infected. *Exp Parasitol*. 2014 Feb;137:14-20. PMID: 24309372.

Belaz KR, Denadai M, Almeida AP, et al. Enantiomeric resolution of albendazole sulfoxide by semipreparative HPLC and in vitro study of growth inhibitory effects on human cancer cell lines. *J Pharm Biomed Anal*. 2012 Jul;66:100-8. PMID: 22487592.

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