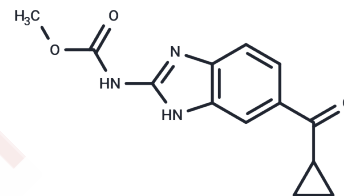


Cyclobendazole

Chemical Properties

CAS No. :	31431-43-3
Formula:	C ₁₃ H ₁₃ N ₃ O ₃
Molecular Weight:	259.26
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cyclobendazole is a antihelmintic agent.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8571 mL	19.2857 mL	38.5713 mL
5 mM	0.7714 mL	3.8571 mL	7.7143 mL
10 mM	0.3857 mL	1.9286 mL	3.8571 mL
50 mM	0.0771 mL	0.3857 mL	0.7714 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Brodie RR, Mayo BC, Chasseaud LF, Hawkins DR. The disposition of radioactivity after administration of the anthelmintic methyl-14C-5-cyclopropylcarbonyl-2-benzimidazole carbamate (ciclobendazole) to rats and dogs. *Arzneimittelforschung*. 1977;27(3):593-8. PubMed PMID: 577426.
- Degrémont A, Stahel E. [Clinical evaluation of ciclobendazole (C-C 2481) in the treatment of colonic helminth diseases]. *Schweiz Med Wochenschr*. 1978 Sep 16;108(37):1430-3. German. PubMed PMID: 705298.
- Cook GC. Use of benzimidazole chemotherapy in human helminthiasis: indications and efficacy. *Parasitol Today*. 1990 Apr;6(4):133-6. PubMed PMID: 15463317.
- Stürchler D, Stahel E, Saladin K, Saladin B. Intestinal parasitoses in eight Liberian settlements: prevalences and community anthelmintic chemotherapy. *Tropenmed Parasitol*. 1980 Mar;31(1):87-93. PubMed PMID: 7376257.

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