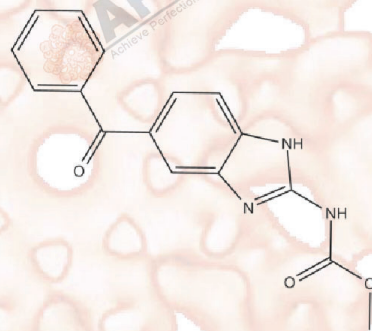


Product Data Sheet

Mebendazole

Cat. No.:	C4087
CAS No.:	31431-39-7
Formula:	C ₁₆ H ₁₃ N ₃ O ₃
M.Wt:	295.3
Synonyms:	NSC 184849, R 17635
Target:	Cell Cycle/Checkpoint
Pathway:	Microtubule/Tubulin
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥ 13 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	3.3864 mL	16.9319 mL	33.8639 mL
		5 mM	0.6773 mL	3.3864 mL	6.7728 mL
		10 mM	0.3386 mL	1.6932 mL	3.3864 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

broad-spectrum anthelmintic that inhibits intestinal microtubule synthesis

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEx BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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