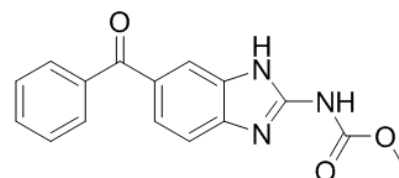


Product Name : Mebendazole
Cat. No. : PC-45379
CAS No. : 31431-39-7
Molecular Formula : C₁₆H₁₃N₃O₃
Molecular Weight : 295.2927
Target : Parasite
Solubility : DMSO: ≥ 23 mg/mL



Biological Activity

Mebendazole is a highly effective, broad-spectrum **antihelmintic** by selectively inhibiting the synthesis of microtubules in parasitic worms, and by destroying extant cytoplasmic microtubules in their intestinal cells.

Mebendazole modulates gravitropic set-point angle (GSA) in *Arabidopsis thaliana* roots and acts via the activation of ethylene signaling.

Mebendazole directly acts on the serine/threonine protein kinase **CTR1**, which is a negative regulator of ethylene signaling.

References

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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