

Product Data Sheet

Product Name: Cambendazol

Cat. No.: GC43135

Chemical Properties

Cas. No. 26097-80-3

SMILES CC(C)OC(=O)Nc1ccc2c(c1)n(c3ccsc3n2)c4ccccc4=O

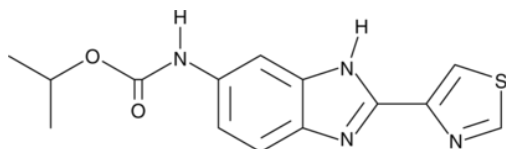
Formula C₁₄H₁₄N₄O₂S M.Wt 302.4

Solubility DMF: 10 mg/ml, DMSO: 10 mg/ml Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Cambendazol is an antihelmintic that, at a dose of 50 mg/kg/day in mice, eradicates *S. ratti* adult worms from intestine and *S. stercoralis* larva from muscle. It inhibits polymerization of microtubules isolated from bovine brain with an IC₅₀ value of 64.2 μM. Formulations containing cambendazol have been used to treat strongyloidiasis in humans and have been studied as potential chemotherapeutics.

Caution: Product has not been fully validated for medical applications. For research use only.

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