

Thiabendazole

Cat. No. CEI-0721

Lot. No. (See product label)

Introduction

Description A fungicide and a parasiticide. Inhibits angiogenesis in both human cells in vitro and in *Xenopus* embryos in vivo at a concentration of 100-250 μ M. Also acts as a vascular disrupting agent (VDA).

Synonyms TBZ

Product Information

Appearance Off-white solid

CAS No. 148-79-8

Molecular Formula C 10 H 7 N 3 S

Chemical Name 2-(4-Thiazolyl)benzimidazole

Molecular Weight 371.86

Purity >98% by HPLC

Targets ATP synthesis

Solubility DMSO (~90 mg/ml) or Water (~ 4mg/ml) or 2% TWEEN-80/water (~2 mg/ml) or 30% PEG (avg. MW = 400 g/mol)/50 mM phosphate buffer (pH = 2.25) (25 mg/ml) (heating is required to initially dissolve the compound).

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack