Creative Enzymes®

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 μM. 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