

## 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  $\mu$ 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