

## Pifithrin- $\alpha$

Cat. No. CEI-0600

Lot. No. (See product label)

### Introduction

**Description** A chemical inhibitor of p53 that protects mice from the side effects of cancer therapy. Reversibly blocks p53-dependent transcriptional activation and apoptosis.

### Product Information

**Appearance** White solid

**CAS No.** 63208-82-2

**Molecular Formula**  $C_{16}H_{18}N_2OS \cdot HBr$

**Chemical Name** PFT- $\alpha$ , 2-(2-Imino-4,5,6,7-tetrahydrobenzothiazol-3-yl)-1-p-tolyethanone hydrobromide

**Molecular Weight** 277.66

**Purity** >98% by HPLC

**Targets** TP53

**Solubility** DMSO (100 mM) or Ethanol (100 mM)

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack