

## 17-AAG

Cat. No. CEI-0534

Lot. No. (See product label)

### Introduction

**Description** A semi-synthetic derivative of Geldanamycin that displays greater stability and lower in vivo toxicity compared to Geldanamycin. Binds to Heat shock protein 90 (Hsp90) ( $EC_{50} = 7.2 \mu\text{M}$ ) in a manner similar to geldanamycin. Exhibits 100-fold higher affinity for tumor-derived Hsp90 over normal cells. Also inhibits Akt activation and HER2 expression in tumor cells.

**Synonyms** Telatinib; 17-(Allylamino)geldanamycin; Tanespimycin

### Product Information

**Appearance** White solid

**CAS No.** 75747-14-7

**Molecular Formula**  $\text{C}_{31}\text{H}_{43}\text{N}_3\text{O}_8$

**Chemical Name** 17-(Allylamino)-17-demethoxygeldanamycin

**Molecular Weight** 283.92

**Purity** >97% by TLC

**Targets** HSP90

**Solubility** DMSO (25 mg/ml)

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack