Creative Enzymes®

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 μM) 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	$C_{31}H_{43}N_3O_8$
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