

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) ($EC_{50} = 7.2 \mu M$) 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

$C_{31}H_{43}N_3O_8$

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