

Geldanamycin

Cat. No. CEI-1022

Lot. No. (See product label)

Introduction

Description Geldanamycin is an antibiotic and a potent antitumor compound. It inhibits pp60src tyrosine kinase, and it also binds specifically to heat shock protein Hsp90 and its GP96 homologue. It is known to inhibit protein maturation.

Synonyms EL52, HSP86, HSP89A, HSP90A, HSP90N, HSPC1, HSPCA, HSPCAL1, HSPCAL4, HSPN, Hsp89, LAP2

Product Information

Appearance Yellow crystalline solid; granular or powder.

CAS No. 30562-34-6

Molecular Formula C₂₉H₄₀N₂O₉

Molecular Weight 560.64

Purity > 95%

Targets pp60src tyrosine kinase, Hsp90, GP96

IC50 20 nM

Storage and Shipping Information

Storage Store at or below -20 centigrade. Due to reactivity, it is unstable in water and ethanol. Does not react with DMSO, but DMSO can contain moisture from the air and/or small amounts of DMSO degradation products that might react. Keep DMSO stock solutions out of contact with air.