



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-200617  
Lot Number: SAMPLE  
Product Name: Geldanamycin  
CAS Number: 30562-34-6  
Molecular Formula:  $C_{29}H_{40}N_2O_9$   
Molecular Weight: 560.64  
Native Source: *Streptomyces hygroscopicus var geldanus*

Test	Result
Appearance	Yellow powder
Purity (HPLC)	100%
Purity (TLC) (1)	> 99% (NP, $CH_2Cl_2$ : methanol 95: 5 )
Purity (TLC) (2)	> 99% (RP, C18, methanol: water 9: 1)
Melting Point	260 °C
Solubility	Clear yellow solution at 5 mg/ml $CH_2Cl_2$ ; Clear yellow solution at 10 mg/ml DMSO
$\lambda_{max}$	256, 304 nm (methanol)

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 [www.scbt.com](http://www.scbt.com)