



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-3591  
Lot Number: SAMPLE  
Product Name: A23187  
CAS Number: 52665-69-7  
Molecular Formula:  $C_{29}H_{37}N_3O_6$   
Molecular Weight: 523.62  
Native Source: *Streptomyces chartreusis*

Test	Specification	Result
Appearance		White powder
Purity (HPLC)		99%
Purity (TLC) (1)		> 99%
Purity (TLC) (2)		> 99%
Melting Point		189 - 190 °C
Solubility		CH <sub>2</sub> Cl <sub>2</sub> : Clear colorless solution at 10 mg/ml
$\lambda_{max}$		methanol: 223, 280, 290, 379 nm
Carbon Content	66.52%	67.68%
Hydrogen Content	7.12%	7.78%
Nitrogen Content	8.02%	7.05%

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.

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