



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-490117  
Lot Number: SAMPLE  
Product Name: Gibberellin A5  
CAS Number: 561-56-8  
Molecular Formula:  $C_{19}H_{22}O_5$   
Molecular Weight: 330.37  
Native Source: Synthetic

Test	Specification	Result
Appearance		White solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (HPLC)		94.46%
TLC		Complies
Atmosphere		Inert gas
Melting Point		255 - 257 °C
Solubility		DMSO (slightly), Ethanol (slightly), Methanol (slightly)
Specific Rotation		-84.1° (c = 0.2, Ethanol)
Carbon Content	69.07%	68.90%
Hydrogen Content	6.71%	Complies

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)