



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-221723 S  
Lot Number: SAMPLE  
Product Name: Hh/Gli Antagonist, GANT58  
CAS Number: 64048-12-0  
Molecular Formula:  $C_{24}H_{16}N_4S$   
Molecular Weight: 392.5

Test	Specification	Result
Appearance	Light yellow to yellow solid	Complies
Identification (1H-NMR)	1H NMR spectrum of sample corresponds to that of standard preparation.	Complies
Identification (Mass Spectrometry)	Mass spectrum of sample corresponds to that of standard preparation.	Complies
Identification (Retention Time)	The retention time of the major peak in the chromatogram of sample corresponds to that in the chromatogram of standard preparation.	Complies
Purity (LCMS)	$\geq 98.0\%$	99.05%

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.

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)