



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-201510
Lot Number: SAMPLE
Product Name: Cyclopiazonic Acid
CAS Number: 18172-33-3
Molecular Formula: $C_{20}H_{20}N_2O_3$
Molecular Weight: 336.4

Test	Specification	Result
Appearance	White to off white solid	Off white solid
Microanalysis	Elemental analysis within 0.4 of expected result for each element tested	Meets specification: analysis fits for batch molecular formula
NMR/ELSD	300MHz 1H spectrum in $CDCl_3$ confirms structure and shows <1% of any other impurity	Complies
Purity		>99%
Purity (HPLC)	Shows greater than 99% purity by RP analysis	Meets specification: >99% by HPLC
TLC	Analysis using a solvent ratio of 9:1:0.1: DCM/MeOH/TEA shows a single spot (visualised by UV and $KMnO_4$)	Meets specification: $R_f=0.34$
Solubility	Souble in DMSO to 100mM and in ethanol to 5mM	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