



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-217642
Lot Number: SAMPLE
Product Name: Ampicillin-d5 (Mixture of Diastereomers)
CAS Number: N/A
Molecular Formula: $C_{16}H_{14}D_5N_3O_4S$
Molecular Weight: 354.44

Test	Result
Appearance	Off-White to Pale Yellow Solid
Identification	1H NMR (D ₂ O) Spectroscopic and Mass Spectrometric Analysis
Purity	Chemical purity: 98% Isotopic purity: 97.3%
Atmosphere	Inert Gas
Melting Point	192-197°C
Solubility	Aqueous Acid, Water

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