



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-296089
Lot Number: SAMPLE
Product Name: PIK-75, hydrochloride
CAS Number: 372196-77-5
Molecular Formula: $C_{16}H_{14}BrN_5O_4S \cdot HCl$
Molecular Weight: 488.74

| Test | Specification | Result |
|--|--------------------------|--|
| Identification (Infrared Spectrum) | Consistent with standard | Complies |
| Identification (Mass Spectrometry - ESI) | M-H+: 452.0 | M-H+: 452.1 |
| Purity (HPLC) | $\geq 98\%$ | 100.0% Retention Time Actual.: 8.90 min |
| Purity (TLC) | $\geq 98\%$ | 100.00% Rf: 0.42 |
| Melting Point | 248 - 254 °C | 250 - 252 °C |
| λ_{max} 1 | 215 nm | Complies |
| λ_{max} 2 | 264 nm | Complies |
| λ_{max} 3 | 272 nm | Complies |
| λ_{max} 4 | 324 nm | 323 nm |

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