



The Power to Question

# CERTIFICATE OF ANALYSIS

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
$\lambda_{max}$ 1	215 nm	Complies
$\lambda_{max}$ 2	264 nm	Complies
$\lambda_{max}$ 3	272 nm	Complies
$\lambda_{max}$ 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.

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