



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-200604
Lot Number: SAMPLE
Product Name: NS-398
CAS Number: 123653-11-2
Molecular Formula: $C_{13}H_{18}N_2O_5S$
Molecular Weight: 314.35

Test	Specification	Result
Identification (Mass Spectrometry - ESI)	M-H+: 313.2 -C ₆ H ₁₁ : 230.2 -C ₆ H ₁₁ , CH ₃ SO ₂ : 152.2	M-H+: 313.3 -C ₆ H ₁₁ : 230.1 -C ₆ H ₁₁ , CH ₃ SO ₂ : 152.2
Purity (HPLC)	> 98%	100.0% Retention Time Actual: 8.50 min
Purity (TLC)	> 98%	100.00% Rf = 0.61
Melting Point	126 - 132 °C	128 - 131 °C
UV Absorption	λ_{max} 1: 238 nm λ_{max} 2: 296 nm λ_{max} 3: 337 nm	λ_{max} 1: 239 nm λ_{max} 2: 295 nm λ_{max} 3: 337 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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