



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-201364  
Lot Number: SAMPLE  
Product Name: Kifunensine  
CAS Number: 109944-15-2  
Molecular Formula:  $C_8H_{12}N_2O_6$   
Molecular Weight: 232.19

Test	Specification	Result
Appearance	White crystalline solid	Complies
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
TLC	Single spot $R_f = 0.5$ (iPrOH: $H_2O = 9: 1$ )	Complies
Melting Point	295- 300 °C (dec.)	295- 299 °C (dec.)
Loss on Drying	< 0.1% (60 °C, 1 hour)	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.

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