



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-213564  
Lot Number: SAMPLE  
Product Name: (1'S,2'S)-Nicotine 1'-Oxide  
CAS Number: 51095-86-4  
Molecular Formula:  $C_{10}H_{14}N_2O$   
Molecular Weight: 178.19

Test	Specification	Result
Appearance		Light Yellow Solid
Identification	$^1H$ NMR (DMSO- $d_6$ ) Spectroscopic and Mass Spectrometric Analysis	Conform to structure
Purity		98%
Atmosphere		Inert Gas
Melting Point		159 °C - 164 °C
Specific Rotation		+74.3° (c=1, Methanol)

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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