



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-212380
Lot Number: SAMPLE
Product Name: (+)-Nicotine Di-p-toluoyl-D-tartrate Salt
CAS Number: 68935-27-3
Molecular Formula: $C_{10}H_{14}N_2 \cdot C_{20}H_{18}O_8$
Molecular Weight: 548.60
Native Source: Synthetic

Test	Specification	Result
Appearance		Light brown solid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		98%
Atmosphere		Air
Melting Point		140 - 142 °C
Solubility		Methanol
Specific Rotation		+ 99.7° (c = 1.017, 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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