



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-204363
Lot Number: SAMPLE
Product Name: U 92016A
CAS Number: 149654-41-1
Molecular Formula: $C_{19}H_{25}N_3 \cdot HCl$
Molecular Weight: 331.88

Test	Specification	Result
Appearance		White solid
Microanalysis		C, H, and N fit within 0.4% of theoretical calculation
Enantiomeric Excess		99%
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity		> 99%
TLC		Rf = 0.25
Melting Point		268°C
Solubility		3.20 mg/ml in water; 32.70 mg/ml in DMSO; 4.70 mg/ml in EtOH.
Optical Rotation	104°	105°
Wavelength		223nm

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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