



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-222254
Lot Number: SAMPLE
Product Name: Rho Kinase Inhibitor IV
CAS Number: 913844-45-8
Molecular Formula: $C_{18}H_{24}N_4O_3S \cdot 2HCl$
Molecular Weight: 449.40
Native Source: Synthetic

Test	Specification	Result
Appearance	Pale yellow to beige solid	Light beige to beige solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		97%
Specific Rotation		+5.0° (c = 0.2, Water)
Carbon Content	48.11%	46.83%
Chloride		16.30%
Hydrogen Content	5.83%	5.82%
Nitrogen Content	12.47%	11.94%

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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