



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-280171B
Lot Number: SAMPLE
Product Name: trovafloxacin mesylate
CAS Number: 147059-75-4
Molecular Formula: $C_{20}H_{15}F_3N_4O_3 \cdot CH_4O_3S$
Molecular Weight: 512.46

Test	Result
Appearance	White solid
Microanalysis	C, H, and N fit within 0.4% of theoretical calculation
¹ H-NMR	Complies
Enantiomeric Excess	Optically pure
Identification (Mass Spectrometry)	Complies
Purity	100.0%
TLC	0.45
Melting Point	> 258 °C (decomp)
Solubility	Water: 7.8 mg/ml, 15.2 mM DMSO: 49.3 mg/ml, 96.2 mM

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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