



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-477886
Lot Number: SAMPLE
Product Name: Pazufloxacin-d4 Mesylate
CAS Number: 1346602-97-8
Molecular Formula: $C_{17}H_{15}D_4FN_2O_7S$
Molecular Weight: 418.43

Test	Specification	Result
Appearance	Off-white Solid	Complies
Assay	$\geq 95.0\%$	96.2%
Chiral purity (HPLC)	$\geq 98.0\%$	100.0%
Identification (1H-NMR)		Complies
Identification (Mass Spectrometry)		Complies
Isotopic Enrichment	$\geq 98.0\%$	99.7%
Purity (HPLC)	$\geq 95.0\%$	98.4%
Elemental Analysis		Complies
Solubility		DMSO (heated)
Impurity A		RT 10.02, 0.1%; RT 16.35, 0.2%; RT 18.47, 0.8%
Water Content (KF)		1.5%

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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