



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-489096
Lot Number: SAMPLE
Product Name: Ivacaftor-d18
CAS Number: 1413431-05-6
Molecular Formula: $C_{24}H_{10}D_{18}N_2O_3$
Molecular Weight: 410.6

Test	Result
Appearance	Off-white solid
Identification (1H-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Isotopic Purity (MS)	< 0.1% unlabeled
Purity	94.6%
Residual Solvents	4.8% (Methanol) via 1H-NMR
Impurity	0.6% (HPLC; $\lambda = 254$ nm)

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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