



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-495557
Lot Number: SAMPLE
Product Name: Itraconazole-d9
CAS Number: 84625-61-6 (unlabeled)
Molecular Formula: $C_{35}H_{29}D_9Cl_2N_8O_4$
Molecular Weight: 714.69

Test	Specification	Result
Appearance		Pale yellow solid
Identification (1H -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		99.3%
Purity (TLC)		97%
Atmosphere		Air
Melting Point		164.0 - 165.0 °C
Solubility		Chloroform, Methanol
Carbon Content	58.82%	58.79%
Hydrogen Content	5.37%	5.40%
Nitrogen Content	15.68%	15.63%

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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