



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-219106
Lot Number: SAMPLE
Product Name: N-Des[2-(2-hydroxyethoxy)ethyl] Quetiapine-d8
CAS Number: 111974-74-4 (unlabeled)
Molecular Formula: $C_{17}H_9D_8N_3S$
Molecular Weight: 303.45

Test	Specification	Result
Appearance		Off-white solid
Identification (1H-NMR)		Complies
Identification (Mass Spectrometry)		Complies
Isotopic Purity		99.4 %
Purity (TLC)		95 %
Atmosphere		Air
Melting Point		63 - 68 °C
Solubility		Chloroform, Methanol
Carbon Content	67.29 %	63.87 %
Hydrogen Content	5.65 %	5.68 %
Nitrogen Content	13.85 %	12.92 %

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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