



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-355967
Lot Number: SAMPLE
Product Name: Ritonavir - Labeled d6
CAS Number: 155213-67-5 (unlabeled)
Molecular Formula: $C_{37}H_{42}D_6N_6O_5S_2$
Molecular Weight: 726.98

Test	Specification	Result
Appearance		White Solid
Identification (1H -NMR)		Consistent with structure
Identification (Mass Spectrometry - ESI)		(M+H) ⁺ : 727.3
Isotopic Purity	m/z = 721.4 (unlabeled) m/z = 722.4 (+1) m/z = 723.4 (+2) m/z = 724.4 (+3) m/z = 725.4 (+4) m/z = 726.4 (+5) m/z = 727.3 (+6) m/z = 728.3 (+7) m/z = 729.3 (+8) m/z = 730.3 (+9) m/z = 731.2 (+10) m/z = 732.3 (+11)	Abundance = Undetected Abundance = Undetected Abundance = Undetected Abundance = Undetected Abundance = Undetected Abundance = Undetected Abundance = 100 Abundance = 50.0 Abundance = 20.4 Abundance = 6.8 Abundance = 1.7 Abundance = 0.5
Purity (HPLC)		99.4%
Molecular Weight	726.98	726.35
Potency		994 μ g of labeled d ₆ Ritonavir per mg

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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