



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-211783
Lot Number: SAMPLE
Product Name: Medroxyprogesterone-d3
CAS Number: 162462-69-3
Molecular Formula: $C_{22}H_{29}D_3O_3$
Molecular Weight: 347.51
Native Source: Synthetic

Test	Specification	Result
Appearance		Gray solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		97.7%
Purity (TLC)		98%
Atmosphere		Air
Melting Point		192 - 195 °C
Solubility		Chloroform (slightly), Methanol (slightly)
Specific Rotation		+71.0° (c = 0.1, Chloroform)
Carbon Content	76.04%	75.43%
Dichloromethane		0.9%
Hydrogen Content	9.29%	9.41%

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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