



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-500693
Lot Number: SAMPLE
Product Name: Desoxymetasone 21-Acetate
CAS Number: 1597-78-0
Molecular Formula: $C_{24}H_{31}FO_5$
Molecular Weight: 418.5

Test	Specification	Result
Appearance		Off-White Solid
Identification (1H-NMR)		Complies
Identification (19F-NMR)		Complies
Identification (Mass Spectrometry)		Complies
Purity (TLC)		96%
Purity (UHPLC)		94.04%
Atmosphere		Air
Melting Point		249 - 252°C
Solubility		Chloroform (Slightly), Methanol (Slightly, Heated)
Specific Rotation		+129.5°
Carbon Content	68.80%	68.59%
Hydrogen Content	7.47%	7.79%
Nitrogen Content	N/A	0.13%

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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