



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-210726
Lot Number: SAMPLE
Product Name: 9 β , 11 β -Epoxy-17,21-dihydroxy-16 β -methylpregna-1,4-diene-3,20-dione
CAS Number: 981-34-0
Molecular Formula: C₂₂H₂₈O₅
Molecular Weight: 372.45

Test	Specification	Result
Appearance		White to off-white solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		98%
Atmosphere		Air
Melting Point		246 - 249 °C
Solubility		Chloroform (slightly, heated), Dioxane (slightly, heated), DMSO (slightly, heated)
Specific Rotation		+28.1° (c = 0.3, Dioxane)
Carbon Content	70.94%	70.82%
Hydrogen Content	7.58%	7.65%

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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