Certificate of Analysis

Triamcinolone

Cat. No.: HY-B0328 CAS No.: 124-94-7 Batch No.: 288769

Chemical Name: Pregna-1,4-diene-3,20-dione, 9-fluoro-11,16,17,21-tetrahydroxy-, (11β,16α)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{27}FO_6$ Molecular Weight: 394.43

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 99.86%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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