Certificate of Analysis

Methylprednisolone acetate

Cat. No.: HY-13681
CAS No.: 53-36-1
Batch No.: 232642

Chemical Name: Pregna-1,4-diene-3,20-dione, 21-(acetyloxy)-11,17-dihydroxy-6-methyl-, (6α,11β)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{24}H_{32}O_6$ Molecular Weight: 416.51

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 95.04%

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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