Certificate of Analysis

Prednisolone Tebutate

Cat. No.: HY-U00098 CAS No.: 7681-14-3 Batch No.: 55944

Chemical Name: Pregna-1,4-diene-3,20-dione, 21-(3,3-dimethyl-1-oxobutoxy)-11,17-dihydroxy-, (11β)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{27}H_{38}O_{6}$ 458.59 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 99.82%

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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