## **Certificate of Analysis**

## 6α-Fluoroprednisolone

Cat. No.: HY-107935 CAS No.: 53-34-9 Batch No.: 290351

**Chemical Name:** Pregna-1,4-diene-3,20-dione, 6-fluoro-11,17,21-trihydroxy-, (6α,11β)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{27}FO_5$ Molecular Weight: 378.43

Storage: 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure Consistent with structure LCMS:

Purity (LCMS): 95.93%

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

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

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