



CERTIFICATE OF ANALYSIS

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1. Identification

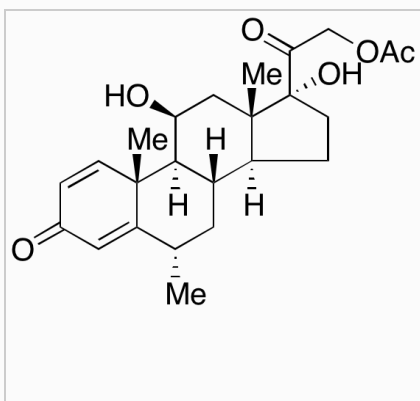
Catalogue Number: M326030

CAS Number: 53-36-1

Product: 6a-Methyl Prednisolone 21-Acetate

Synonym: 21-Acetoxy-11 β ,17-dihydroxy-6 α -methylpregna-1,4-diene-3,20-dione; DepMedalone 40; DepMedalone 80; Depo-Medrone; NSC 48985; U 8210; Urbason Crystal Suspension; Vetacortyl; Methylprednisolone Acetate EP Impurity G

Structure:



Molecular Formula:

C₂₄H₃₂O₆

Molecular weight:

416.51

Source of Product:

Synthetic

Solubility:

Dioxane (Very Slightly, Sonicated), DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-MDM-33-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 69.32, %H: 7.98
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.19% (245 nm)
Specific Rotation	Report Result	+111.0° (c = 0.2, Dioxane)

Additional Information: Contains: ~0.9% Toluene

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	3/29/2022	3/27/2026