



CERTIFICATE OF ANALYSIS

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1. Identification

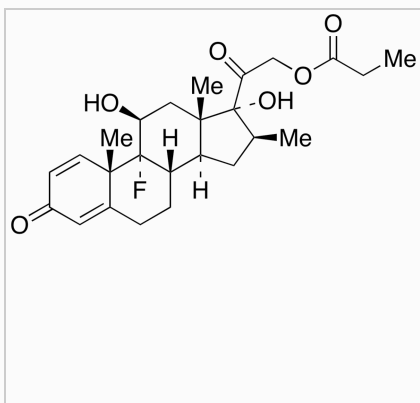
Catalogue Number: B327020

CAS Number: 75883-07-7

Product: Betamethasone 21-Propionate

Synonym: (11 β ,16 β)-9-Fluoro-11,17-dihydroxy-16-methyl-21-(1-oxopropoxy)pregna-1,4-diene-3,20-dione; Clobetasol Propionate EP Impurity K; Betamethasone Dipropionate EP Impurity C

Structure:



Molecular Formula:

C₂₅H₃₃FO₆

Molecular weight:

448.52

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), DMSO (Sparingly), Methanol (Slightly)

Lot Number: 1-JMS-59-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
HPLC Purity	>95%	97.81% (240 nm)
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 66.55, %H: 7.46
MS	Conforms to Structure	Conforms
FT-IR	Conforms to Structure	Conforms
Water Content	Report Result	No Water Detected by Karl Fischer

Additional Information: Elemental Analysis: (Theoretical) %C: 66.95, %H: 7.42

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
Henry Tieu	Toni Rantanen	My Nguyen	9/30/2020	9/28/2027
				