



CERTIFICATE OF ANALYSIS

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1. Identification

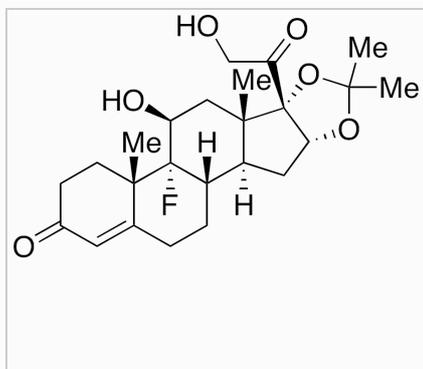
Catalogue Number: F592050

CAS Number: 1524-86-3

Product: 9-Fluoro-16 α ,17-(isopropylidenedioxy) Corticosterone

Synonym: 11 β ,16 α ,17 α ,21-Tetrahydroxy-9 α -fluoropregn-4-ene-3,20-dione 16,17-Acetonide; (11 β ,16 α)-9-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregn-4-ene-3,20-dione; 9-fluoro-11 β ,16 α ,17,21-Tetrahydroxypregn-4-ene-3,20-dione cyclic 16,17-Acetal with Acetone; NSC 21915; Triamcinolone Acetonide EP Impurity E;

Structure:



Molecular Formula:

C₂₄H₃₃FO₆

Molecular weight:

436.51

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 8-QIU-131-1

Purity: 97%

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	Pale Yellow to Light Yellow Solid	Pale Yellow to Pale Beige Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.63% (245 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

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
Neha Khanna	Toni Rantanen	Christina Gouliaras	7/28/2023	7/26/2027