



CERTIFICATE OF ANALYSIS

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1. Identification

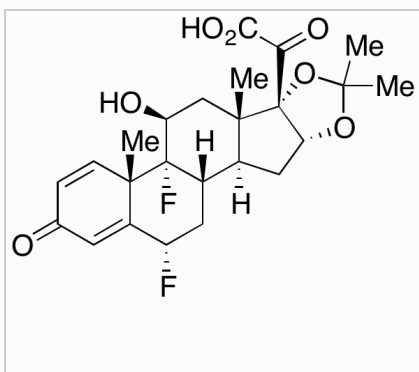
Catalogue Number: F455815

CAS Number: 106931-78-6

Product: Fluocinolone Acetonide-21-carboxylic Acid (>90%)

Synonym: (6 α ,11 β ,16 α ,17 α)-6,9-Difluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]-3,20-dioxopregna-1,4-dien-21-oic Acid; 6bH-Naphth[2',1':4,5]indeno[1,2-d][1,3]dioxole pregna-1,4-dien-21-oic Acid Deriv.; Fluocinolone Acetonide EP Impurity A

Structure:



Molecular Formula:

C₂₄H₂₈F₂O₇

Molecular weight:

466.47

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 5-YHU-19-3

Purity: >90%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 59.13, %H: 6.00
HPLC Purity	Report Result	91.56% (240 nm)
MS	Conforms to Structure	Conforms
F NMR	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
Henry Tieu	Toni Rantanen	Chanell Chu	8/15/2023	8/13/2027