



1. Identification

Catalogue Number

F428100

Lot Number

2-YHU-138-1

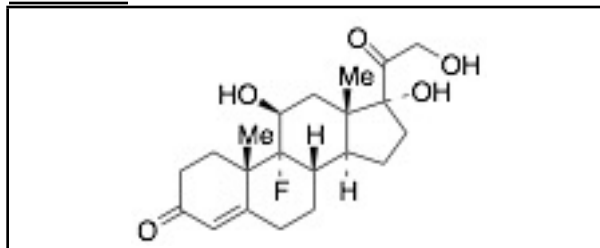
Product Name

Fludrocortisone

Synonyms

(11 β)-9-Fluoro-11,17,21-trihydroxypregn-4-ene-3,20-dione; 9 α -Fluorohydrocortisone; 9 α -Fluoro-17-hydroxycorticosterone; Fluohydrisone; Astonin H-d5; NSC 11318;

Structure



CAS Number

127-31-1

Solubility

DMSO (Slightly), Ethanol (Slightly, Heated), Methanol (Slightly, Sonicated)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₁H₂₉FO₅

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

380.45

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.90% (240 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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

6/20/2022

Retest Date

6/18/2029