

**1. Identification**Catalogue Number

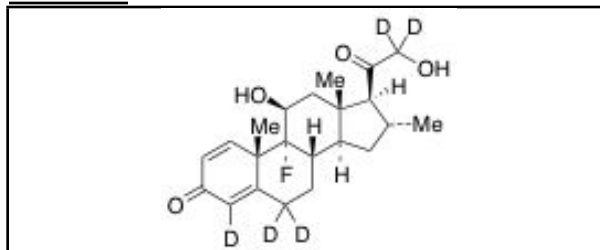
D296972

Lot Number

5-YHH-182-2

Product Name

Desoxymetasone-D5 (Major)

Synonyms(11 β ,16 α)-9-Fluoro-11,21-dihydroxy-16-methyl-pregna-1,4-diene-3,20-dione-D5; 17-Deoxydexamehasone-D5; 9-Fluoro-16 α -methyl-1-corticosterone-D5; Desoximetasonone-D5; Stidex-D5; Topicort-D5; Topicalone-D5; Topisolone-D5;StructureCAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₂₂H₂₄D₅FO₄Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

381.49

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Pale Yellow Solid

Results

Pale Yellow Solid

NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

95.32% (240 nm)

MS

Conforms to Structure

Conforms

Additional InformationNormalized Intensity: d₀ = 0.03%, d₁ = 0.01%, d₂ = 0.00%, d₃ = 0.14%, d₄ = 0.00%, d₅ = 84.72%, d₆ = 15.11%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. SignaturesReviewed by

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

3/27/2024

Retest Date

3/25/2028