

1. Identification

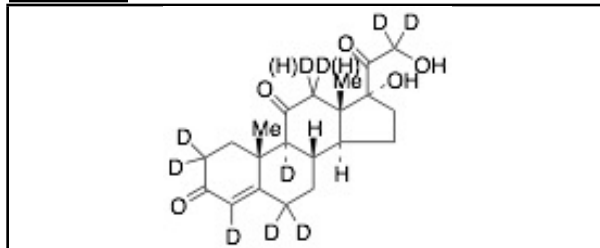
Catalogue Number

C696502

Lot Number

22-IHB-161-1

Structure



Product Name

Cortisone-d8 (Major)

Synonyms

17,21-Dihydroxy-pregn-4-ene-3,11,20-trione-d8; 17-Hydroxy-11-dehydrocorticosterone-d8; 11-Dehydro-17-hydroxy-

CAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₁H₂₀D₈O₅

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

368.49

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Solid

Results

Off-White to Pale Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

96.79% (240 nm)

MS

Conforms to Structure

Conforms

Additional Information

Normalized Intensity: d₀ = 0.01%, d₁ = 0.05%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.00%, d₅ = 0.12%, d₆ = 1.45%, d₇ = 15.20%, d₈ = 66.92%, d₉ = 18.24%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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

Neha

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

7/3/2024

Retest Date

7/1/2028