

1. Identification

Catalogue Number

C696302

Lot Number

GH-137

Product Name

Cortisol-9,11,12,12-d4

Synonyms

(11 β)-11,17,21-Trihydroxy-pregn-4-ene-3,20-dione-d4; Pregn-4-ene-3,20-dione-d4; 11 β -Hydroxycortisone-d4; 17-Hydroxycorticosterone-d4; Acticort-d4; Dermacort-d4; Hydrocortol-d4; Hycort-d4; Hycortol-d4; Texacort-d4; Timocort-d4; Hydrocortisone-d4

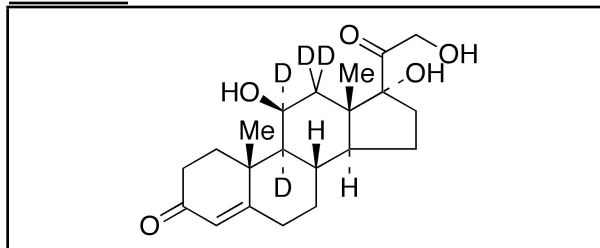
CAS Number

73565-87-4

Solubility

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

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₁H₂₆D₄O₅

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

366.48

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

HPLC Purity

>95%

98.80% (RID)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.6%

Additional Information

Material was manufactured at CDN Isotopes, an affiliate of TRC

Normalized Intensity: d₀ = 0.00%, d₁ = 0.03%, d₂ = 0.22%, d₃ = 5.08%, d₄ = 94.67%

Contains: ~0.8% Acetone

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

Iuri Lutenco

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

6/9/2022

Retest Date

6/7/2026