

1. Identification

Catalogue Number

H714615

Lot Number

1-XGI-149-1

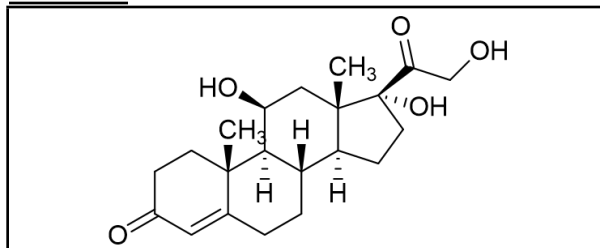
Product Name

Hydrocortisone(Cortisol)

Synonyms

(11 β)-11,17,21-Trihydroxy-pregn-4-ene-3,20-dione; Cortisol; 11 β ,17,21-Trihydroxypregn-4-ene-3,20-dione; 17-Hydroxycorticosterone; 17 α -Hydroxycorticosterone; NSC 10483;

Structure



CAS Number

50-23-7

Solubility

DMSO (Slightly), Ethanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₁H₃₀O₅

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

362.46

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.44% (245 nm)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+149.5° (c = 0.1, Ethanol)

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

R. Swathi

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Christina Gouliaras

Quality Assurance Associate

Test Date

6/29/2023

Retest Date

6/27/2027