



1. Identification

Catalogue Number

D449785

Lot Number

3-JHL-21-4

Product Name

5b-Dihydrocortisone

Synonyms

17,21-Dihydroxy-5 β -pregnane-3,11,20-trione; 17 α ,21-Dihydroxy-5 β -pregnane-3,11,20-trione; 5 β -Pregnan-3,11,20-trione-17 α ,21-diol; (5 β)-17,21-Dihydroxy-pregnane-3,11,20-trione

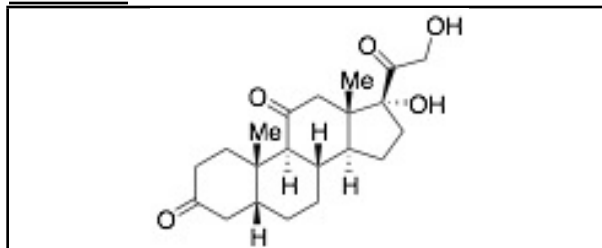
CAS Number

68-54-2

Solubility

DMSO (Slightly), Methanol (Very Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₁H₃₀O₅

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

362.46

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

Elemental Analysis

Conforms

%C: 69.37, %H: 8.31

HPLC Purity

>95%

99.73% (ELSD)

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

Sarjeet Kaur

Sarjeet Kaur

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

6/30/2023

Retest Date

6/28/2027