



1. Identification

Catalogue Number

O870615

Lot Number

11-GAT-8-3

Product Name

18-Oxocortisol

Synonyms

11 β ,17,21-Trihydroxy-3,20-dioxo-pregn-4-en-18-al; (11 β)-11,17,21-trihydroxy-3,20-diox-pregn-4-en-18-al

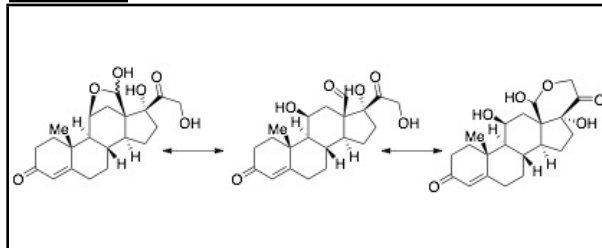
CAS Number

2410-60-8

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Molecular Formula

C₂₁H₂₈O₆

Source of Product

Synthetic

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Weight

376.44

Purity

>95%

Long Term Storage Conditions

4°C

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: 66.17, %H: 7.54

HPLC Purity

>95%

97.50% (245 nm)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+108.4° (c = 0.2, DMSO)

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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Nicole Badiali

Quality Assurance Associate

Test Date

8/28/2025

Retest Date

8/26/2029