

1. Identification

Catalogue Number

A514700

Lot Number

24-DPP-19-1

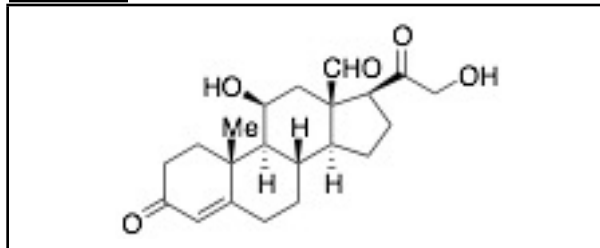
Product Name

Aldosterone

Synonyms

(11 β)-11,21-Dihydroxy-3,20-dioxopregn-4-en-18-al; 11 β ,21-Dihydroxypregn-4-ene-3,18,20-trione; 18-Formyl-11 β ,21-dihydroxy-4-pregnene-3,20-dione; 18-Oxocorticosterone; Aldocorten; Aldocortene; Aldocortin; Electrocortin; Elektrocortin; NSC 73856; Reichstein X;

Structure



CAS Number

52-39-1

Solubility

Chloroform (Slightly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₁H₂₈O₅

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

360.44

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: 68.64, %H: 7.77

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+156.0° (c = 0.2, Chloroform)

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. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Chanell Chu

Test Date

2/14/2023

Retest Date

2/12/2027

Swathi Reddy

Product Quality Specialist

Toni Rantanen

Manager, Quality Assurance

Chanell Chu

Jr. Quality Assurance