

**1. Identification**Catalogue Number

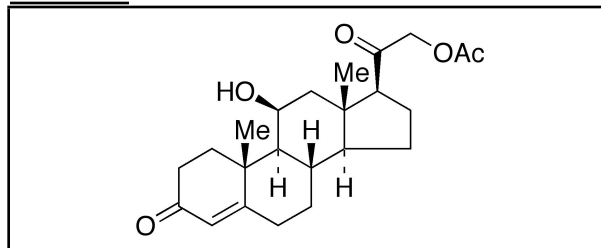
TRC-C695710

Lot Number

3-JKL-151-1

Product Name

Corticosterone 21-Acetate

SynonymsCort A; NSC 81764; SKF 5654; (11 β)-21-(Acetyloxy)-11-hydroxy-pregn-4-ene-3,20-dioneStructureCAS Number

1173-26-8

Solubility

Acetone (Slightly), Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₂₃H₃₂O₅Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

388.50

Purity

98%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 70.96, %H: 8.30
HPLC Purity	>95%	99.44%
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+198.4° (c = 0.5, Acetone)

Additional Information

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. SignaturesReviewed by

Eric Beaton

Reviewed by

Philip Chan

C of A Approved by

Clarissa Santos

Test Date

3/1/2019

Retest Date

2/27/2023