

**1. Identification**Catalogue Number

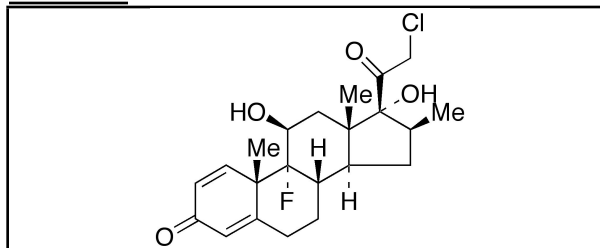
C583490

Lot Number

712142345-1-1

Product Name

Clobetasol

Synonyms(11 β ,16 β)-21-Chloro-9-fluoro-11,17-dihydroxy-16-methylpregna-1,4-diene-3,20-dione;StructureCAS Number

25122-41-2

SolubilityAcetone (Sparingly), DMSO
(Slightly), Methanol (Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular FormulaC₂₂H₂₈ClFO₄Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

410.91

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Light Brown Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 64.60, %H: 6.92

HPLC Purity

>95%

99.05% (240 nm)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+129.8° (c = 0.4, Acetone)

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. SignaturesReviewed by

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

1/15/2025

Retest Date

1/13/2029