

1. Identification

Catalogue Number

O858500

Lot Number

7-GOP-143-6

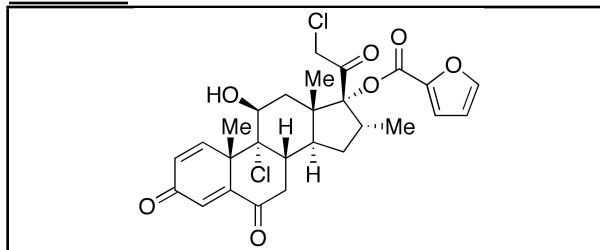
Product Name

6-Oxo Mometasone Furoate Mometasone Furoate Impurity F

Synonyms

(11β,16α)-9,21-Dichloro-17-[(2-furanylcarbonyl)oxy]-11-hydroxy-16-methyl-pregna-1,4-diene-3,6,20-trione, Mometasone Furoate Impurity F; Mometasone EP Impurity F

Structure



CAS Number

1305334-30-8

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₇H₂₈Cl₂O₇

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

535.41

Purity

98%

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

White to Beige Solid

Results

Pale Yellow to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 60.68, %H: 5.32

HPLC Purity

Report Result

98.82% (254 nm)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

-49.7° (c = 0.3, Methanol)

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 ± 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

Christina Gouliaras

Quality Assurance Associate

Test Date

8/27/2024

Retest Date

8/25/2028