



1. Identification

Catalogue Number

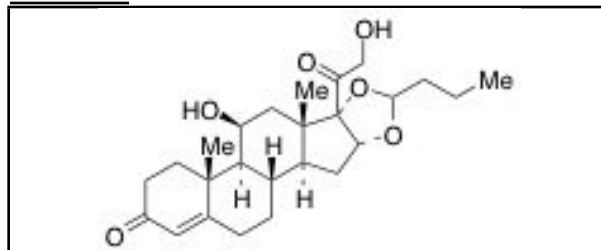
D229330

Lot Number

2-JAE-79-3

Product Name

1,2-Dihydrobudesonide (Mixture of diastereomers)

Synonyms(11 β ,16 α)-16,17-[Butylidenebis(oxy)]-11,21-dihydroxypregn-4-ene-3,20-dione;
Budesonide EP Impurity GStructureCAS Number

137174-25-5

SolubilityChloroform (Slightly), Ethyl Acetate
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular FormulaC₂₅H₃₆O₆Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

432.55

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Light Beige Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.38% (245 nm)

MS

Conforms to Structure

Conforms

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

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

3/1/2024

Retest Date

2/28/2028