

**1. Identification**Catalogue Number

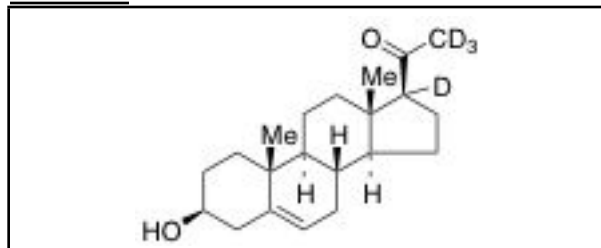
P712202

Lot Number

JK-124

Product Name

Pregnenolone-d4

Synonyms(3 β)-3-Hydroxy-pregn-5-en-20-one-d4; (3 β)-3-Hydroxypregn-5-en-20-one-d4; 5-Pregnenolone-d4; Arthenolone-d4; Bina-Skin-d4; Enelone-d4; NSC 1616-d4; Pregnenolone-d4; Prenolon-d4; Regnosone-d4; Skinostelon-d4;StructureCAS Number

61574-54-7

Solubility

Chloroform (Slightly), Ethanol (Slightly, Sonicated), Methanol (Slightly, Heated)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₂₁H₂₈D₄O₂Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

320.27

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.35% (205 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.5%

Additional InformationNormalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.08%, d₃ = 1.95%, d₄ = 97.97%

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

Iuri Lutenco

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

2/10/2023

Retest Date

2/8/2027