



CERTIFICATE OF ANALYSIS

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1. Identification

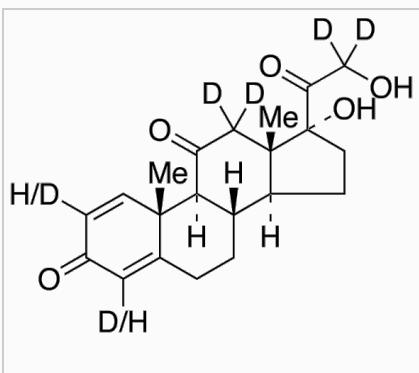
Catalogue Number: P703782

CAS Number: NA

Product: Prednisone-d4 (Major)

Synonym: 17,21-Dihydroxypregna-1,4-diene-3,11,20-trione-d4; 1,2-Dehydrocortisone-d4; 1,4-Pregnadiene-17 α ,21-diol-3,11,20-trione-d4; Adasone-d4; Ancortone-d4; Apo-Prednisone-d4; Bicortone-d4; Prednicorm-d4; Prednicort-d4; Retrocortine-d4; Sone-d4; Ultracorten-d4; Δ 1-Dehydrocortisone-d4;

Structure:



Lot Number: 14-ELZ-19-3

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

Molecular Formula:

C₂₁H₂₂D₄O₅

Molecular weight:

362.46

Source of Product:

Synthetic

Solubility:

Dioxane (Slightly), Methanol (Slightly)

2. Warning

Warning 1: Hygroscopic

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
Melting Point	Report Result	>205° (dec.)
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 69.33, %H: 7.24
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+166.0° (c = 0.2, Dioxane)

Additional Information: NA

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Xue Jing Zheng	My Nguyen	9/8/2018	9/6/2025