



CERTIFICATE OF ANALYSIS

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1. Identification

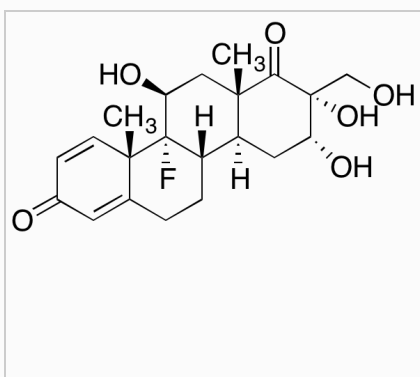
Catalogue Number: H585010

CAS Number: 130063-07-9

Product: D-Homoanalog of Triamcinolone

Synonym: (11 β ,16 α ,17 α)-9-Fluoro-11,16,17-trihydroxy-17-(hydroxymethyl)-D-homoandrosta-1,4-diene-3,17a-dione;
(2R,3R,4aS,4bS,10aS,10bR,11S,12aS)-10b-Fluoro-3,4,4a,5,6,10a,10b,11,12,12a-decahydro-2,3,11-trihydroxy-2-(hydroxymethyl)-10a,12a-dimethyl-1,8(2H,4bH)-chrysenedione;

Structure:



Molecular Formula:

C₂₁H₂₇FO₆

Molecular weight:

394.43

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 13-GAC-75-4

Purity: 97%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|--------------------------|------------------------|
| Appearance | White to Off-White Solid | Off-White Solid |
| NMR | Conforms to Structure | Conforms |
| F NMR | Conforms to Structure | Conforms |
| HPLC Purity | Report Result | 98.12% (240 nm) |
| MS | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 62.90, %H: 6.84 |
| Specific Rotation | Report Result | +39.7° (c = 0.2, DMSO) |

Additional Information: Contains: ~0.8% Methanol

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

Meenakshi Sharma



Reviewed By

Toni Rantanen



C of A Approved By

Chanell Chu



Test Date

12/1/2021

Retest Date

11/29/2025