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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2023

Re-test Date: Mar 2026

Product Name: Dexamethasone Impurity 1

Identification:

Chemical Name: (11beta,16alpha,17beta)-9-Fluoro-11-hydroxy-16-methyl-3-oxoandrosta-1,4-diene-17-carboxylic Acid

Synonyms : 17-Desoxy 17β-Carboxy
Dexamethasone

CAS Number : 75262-69-0

CAT Number : CP-D17013

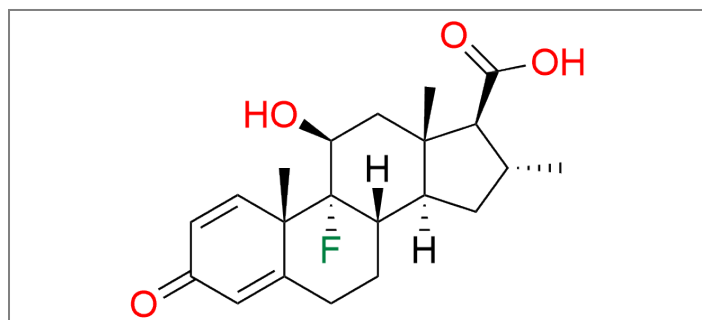
Molecular Formula : C₂₁H₂₇FO₄

Molecular Weight : 362.44

Batch Number : CHEM-DEX-1

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off-White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.45%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.