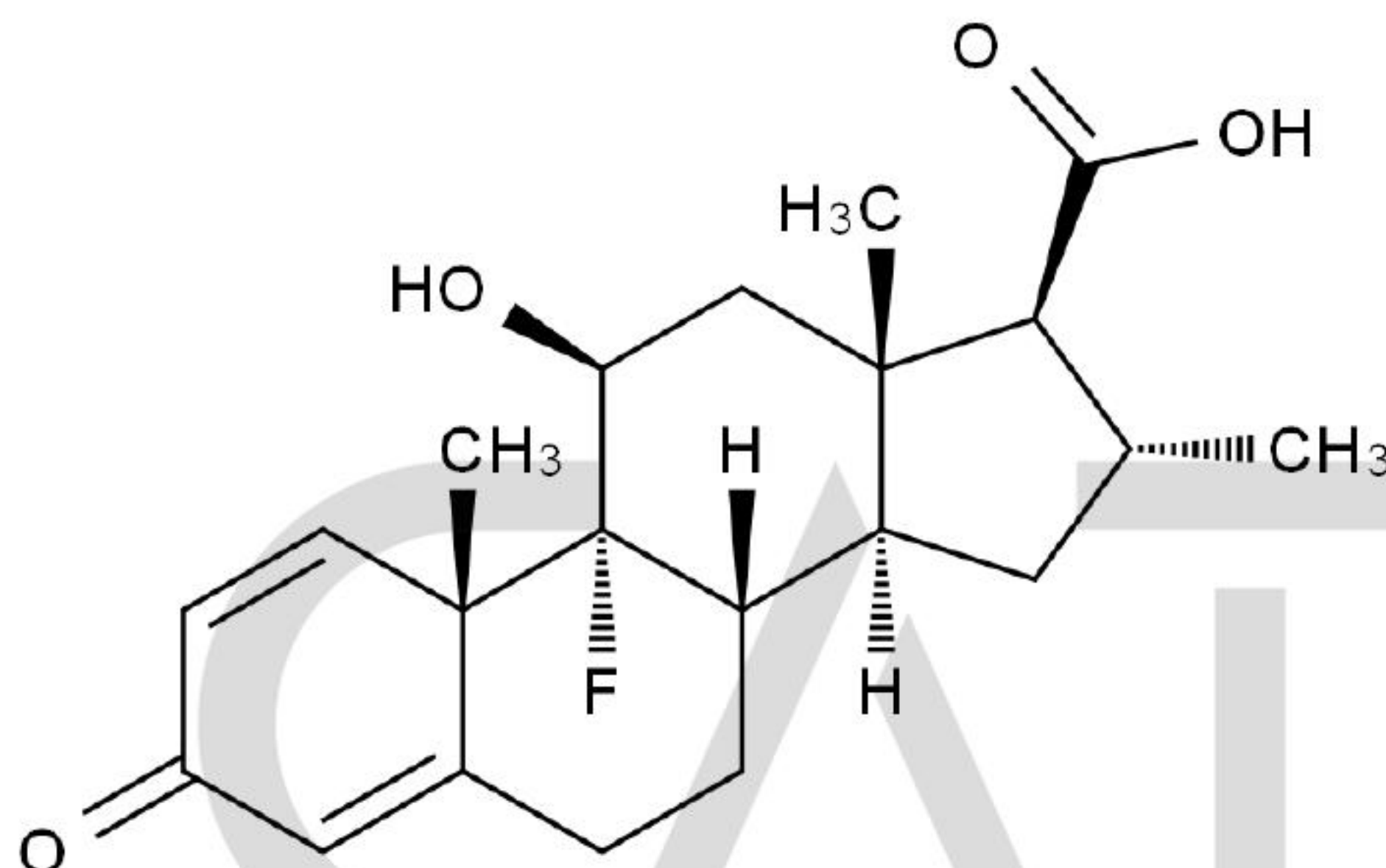


Certificate of Analysis

Reference Material & Standard

Product Name:	Dexamethasone Impurity 33	Catalogue Number:	C4X-116533
Synonyms:	N/A	Lot Number:	1228-RG-0038
CAS Number:	75262-69-0	Expiry Date:	Dec 30, 2029
Molecular Formula:	C ₂₁ H ₂₇ FO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	362.44	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&FNMR&HNMR	Confirmed
Purity	HPLC	98.829%
Loss On Drying	TGA	8.1446%
Assay		90.8%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 31, 2025

Date: Dec 31, 2025

Date: Dec 31, 2025



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