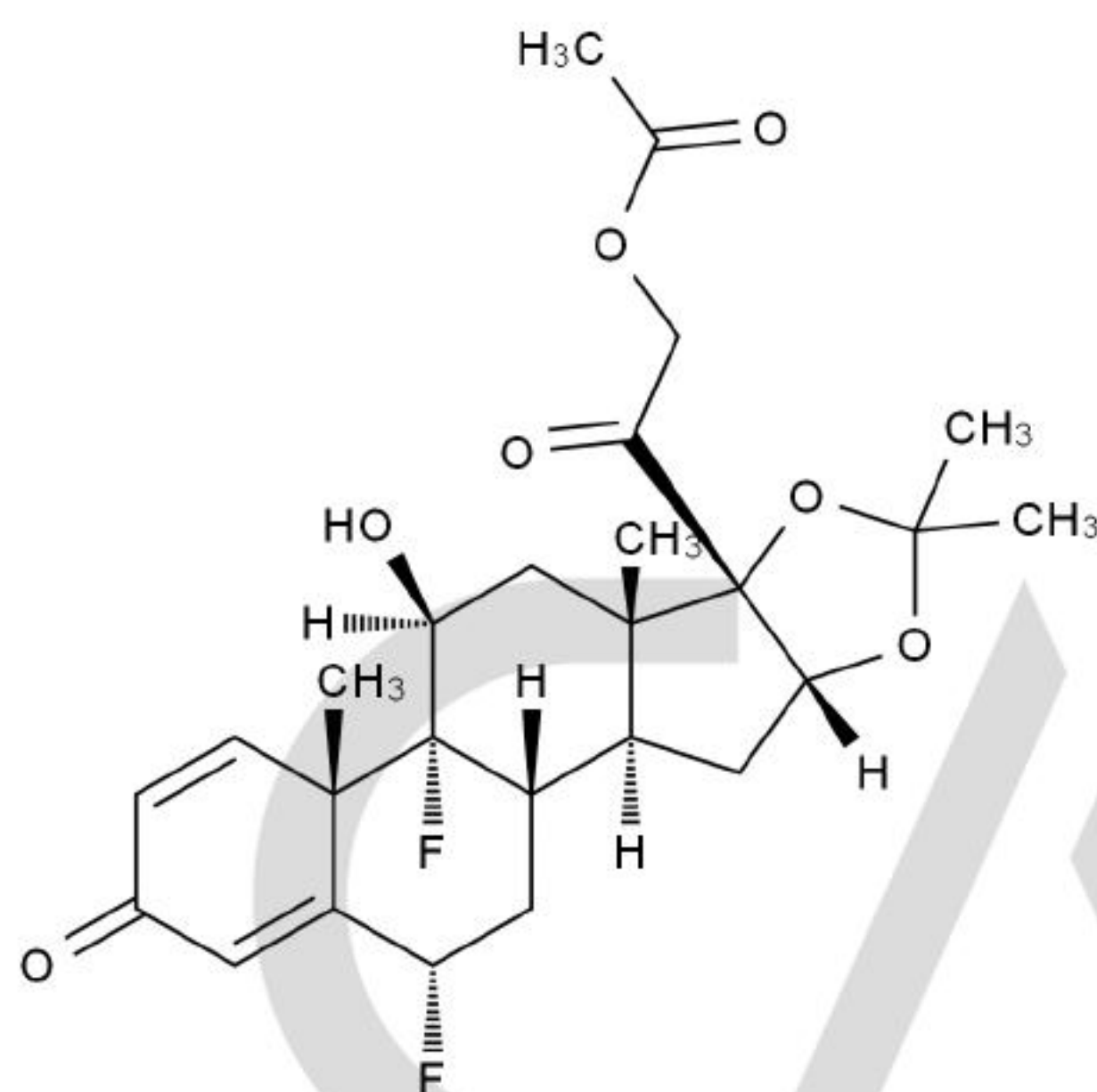


Certificate of Analysis

Reference Material & Standard

Product Name:	Fluocinolone Acetonide EP Impurity M	Catalogue Number:	C4X-238114
Synonyms:	N/A	Lot Number:	0416-RB-0013
CAS Number:	356-12-7	Expiry Date:	Jul 05, 2027
Molecular Formula:	C ₂₆ H ₃₂ F ₂ O ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	494.52		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.152%
Loss On Drying	TGA	0.2716%
Assay		98.9%

Comment:

1. Catalogue Number has been changed from "CCAD300736" to "C4X-238114". Therefore some of the graphs shown below were named by "CCAD300736".
2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$

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

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 18, 2025

Date: Sep 18, 2025

Date: Sep 18, 2025



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