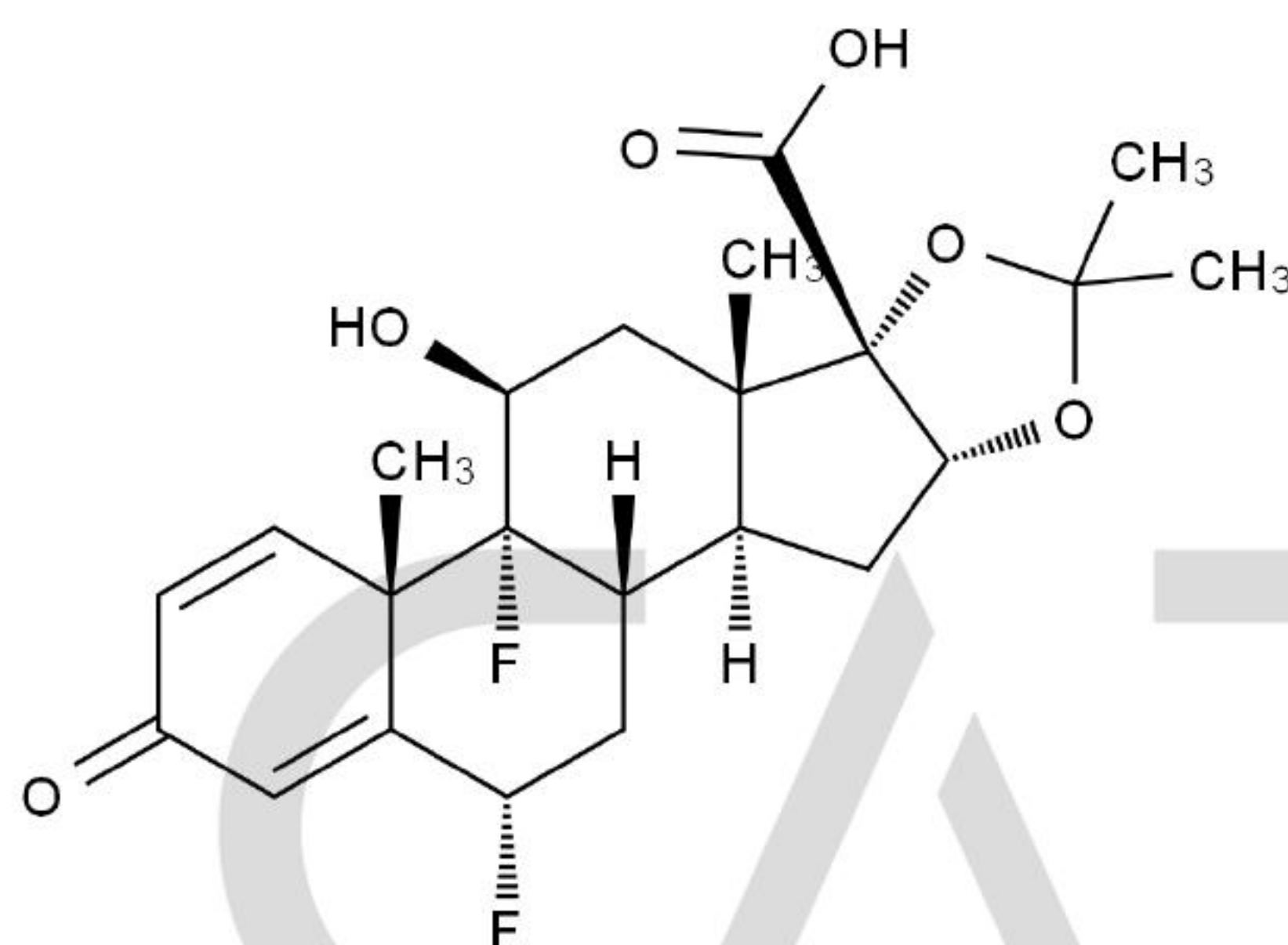


Certificate of Analysis

Reference Material & Standard

Product Name:	Fluocinolone Acetonide EP Impurity B	Catalogue Number:	C4X-23812
Synonyms:	N/A	Lot Number:	1224-RF-0087
CAS Number:	65751-34-0	Expiry Date:	Dec 26, 2027
Molecular Formula:	C ₂₃ H ₂₈ F ₂ O ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	438.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.556%
Loss On Drying	TGA	3.8112%
Assay		93.8%

Comment:

The calculation of the 100% 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 27, 2024

Date: Dec 27, 2024

Date: Dec 27, 2024

