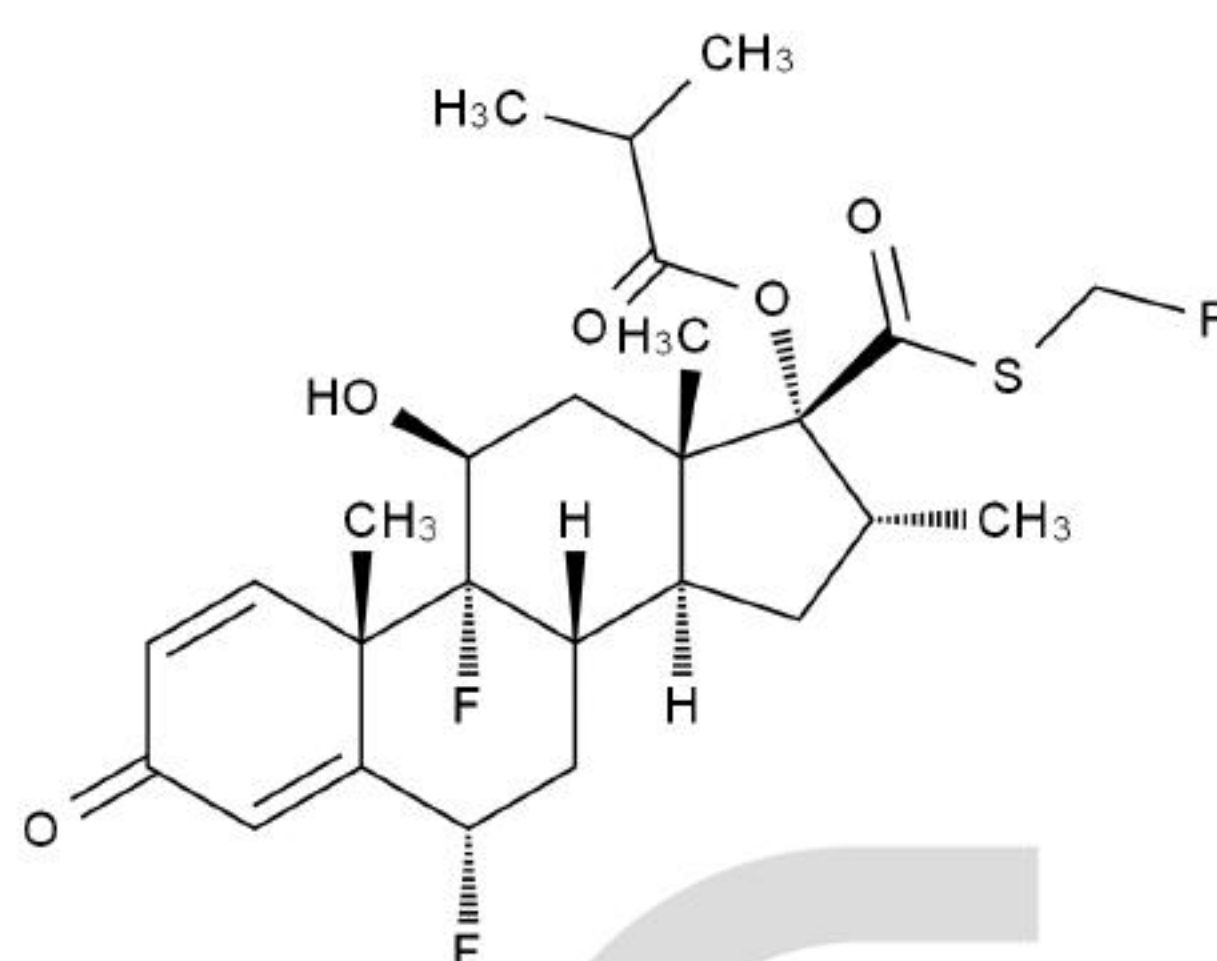


Certificate of Analysis

Reference Material & Standard

Product Name:	Fluticasone Propionate CP Impurity X	Catalogue Number:	C4X-165043
Synonyms:	(6 α ,11 β ,16 α ,17 α)-6,9-Difluoro-17-[[[(fluoromethyl)sulfonyl]carbonyl]-11-hydroxy-16-methyl-3-oxoandrost-1,4-dien-17-yl 2-methylpropanoate	Lot Number:	0427-RH-0062
CAS Number:	1648562-63-3	Expiry Date:	May 08, 2030
Molecular Formula:	C ₂₆ H ₃₃ F ₃ O ₅ S	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	514.60	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.145%
Residue on Ignition	TGA	0.5393%
Loss on Drying	TGA	0.2042%
Assay	qNMR	97.6%
Assay	Mass Balance	98.4%

Comment:

1. The retest date of this product is May 08, 2029.
2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: May 09, 2026

Date: May 11, 2026

Date: May 11, 2026



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