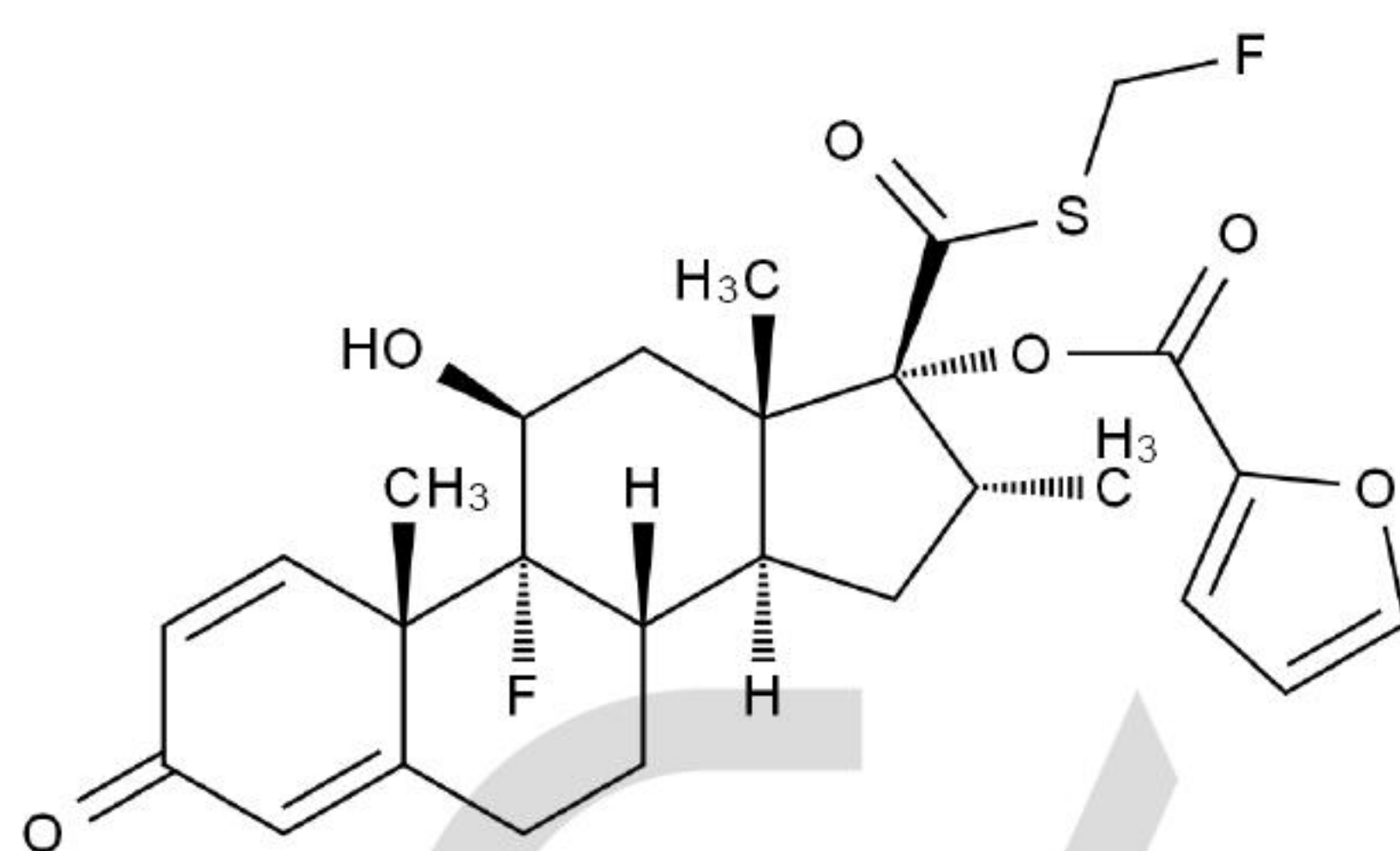


Certificate of Analysis

Reference Material & Standard

Product Name:	Fluticasone Furoate EP Impurity E	Catalogue Number:	C4X-165022
Synonyms:	(11β,16α,17α)-9-Fluoro-17-[[[(fluoromethyl)sulfonyl]carbonyl]-11-hydroxy-16-methyl-3-oxoandrosta-1,4-dien-17-yl 2-furancarboxylate	Lot Number:	0427-RH-0060
CAS Number:	398454-97-2	Expiry Date:	May 12, 2030
Molecular Formula:	C ₂₇ H ₃₀ F ₂ O ₆ S	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	520.59	Shipping Condition:	Shipping at Room Temperature
Solubility	Soluble in Acetonitrile, DMSO and Chloroform		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.893%
Residue on Ignition	TGA	0.4982%
Loss on Drying	TGA	0.3334%
Assay	qNMR	99.0%
Assay	Mass Balance	99.1%

Comment:

- The retest date of this product is May 12, 2029.
- 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 13, 2026

Date: May 13, 2026

Date: May 13, 2026



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