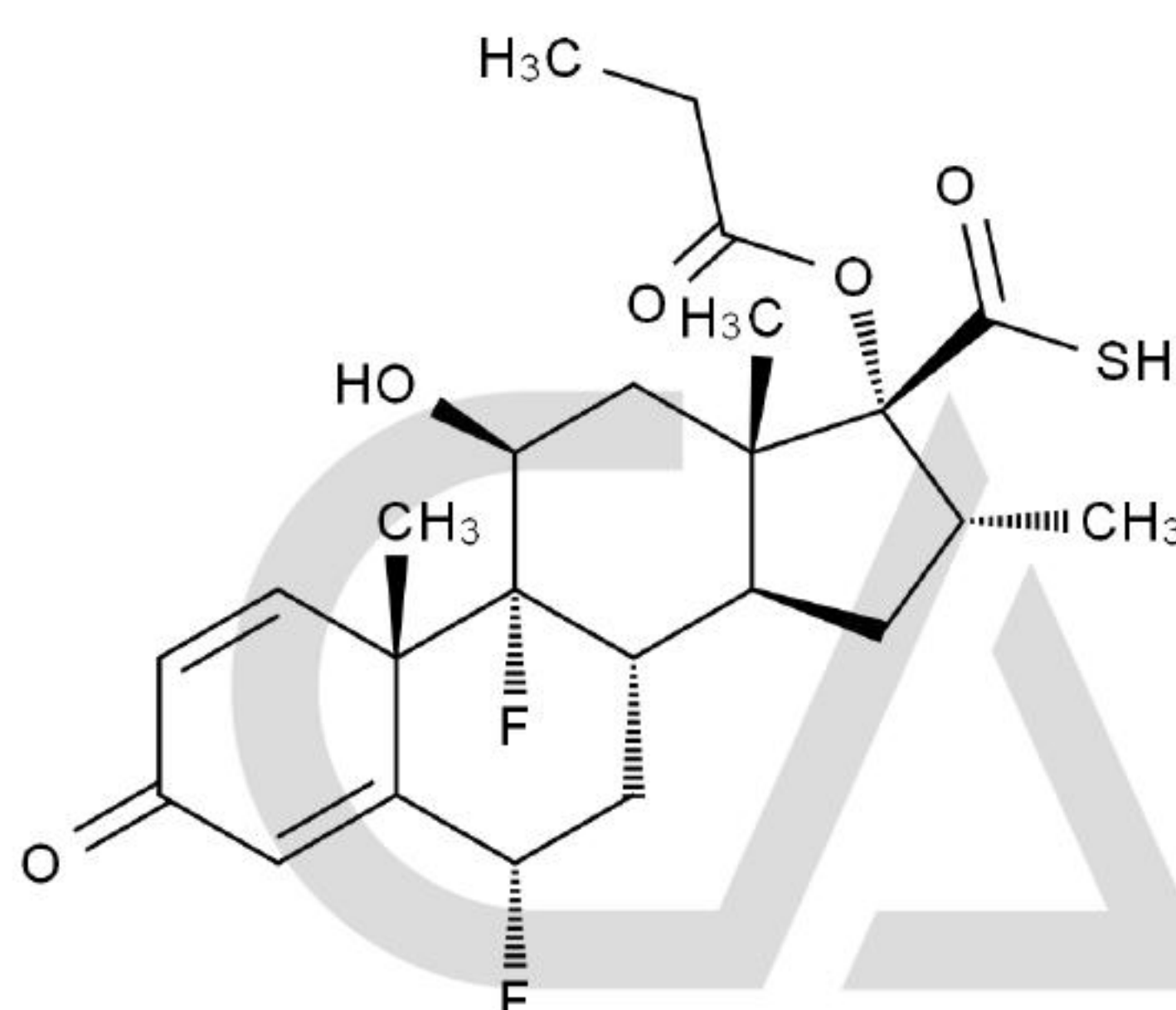


Certificate of Analysis

Reference Material & Standard

Product Name:	Fluticasone Carbothioic Acid Impurity	Catalogue Number:	C4X-165017
Synonyms:	N/A	Lot Number:	1222-RG-0113
CAS Number:	80474-45-9	Expiry Date:	Dec 25, 2029
Molecular Formula:	C ₂₄ H ₃₀ F ₂ O ₅ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	468.55	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.542%
Loss On Drying	TGA	0.1122%
Assay		95.4%

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 26, 2025

Date: Dec 29, 2025

Date: Dec 29, 2025



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