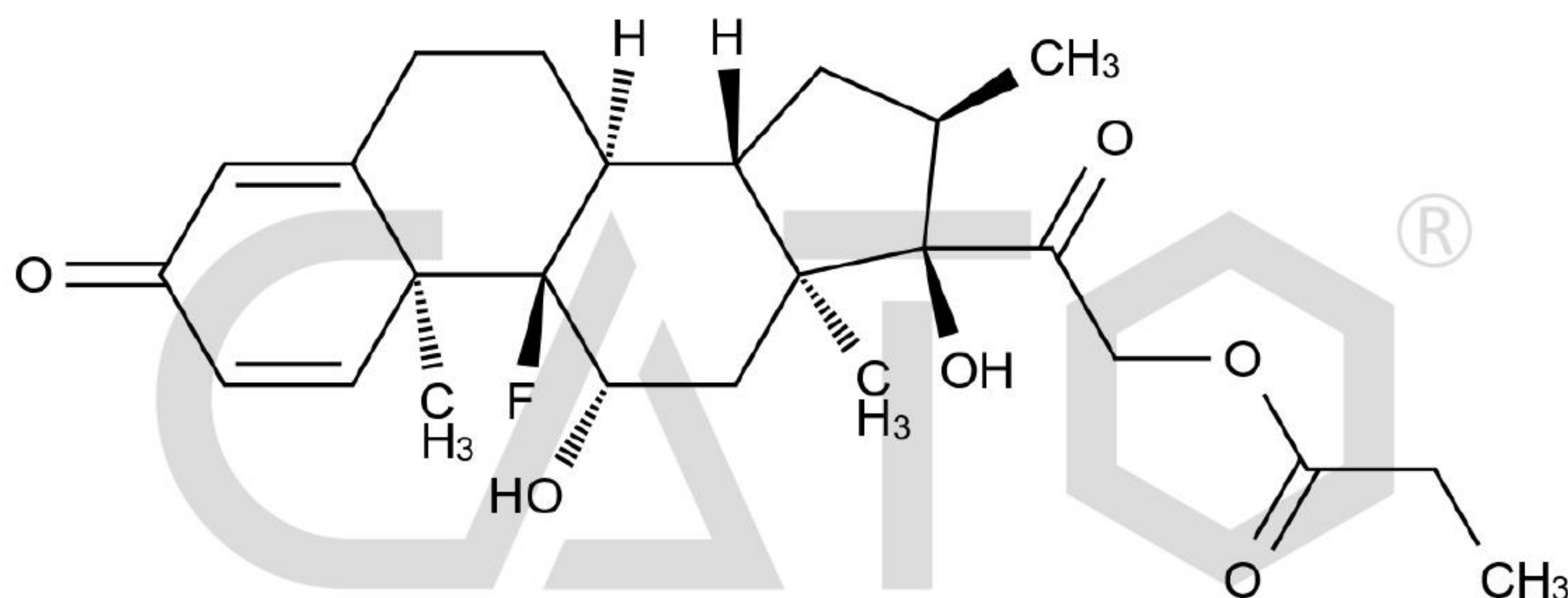


Certificate of Analysis

Reference Material & Standard

Product Name:	Dexamethasone 21-Propionate	Catalogue Number:	C1795767
Synonyms:	(11 β ,16 α)-9-Fluoro-11,17-dihydroxy-16-methyl-3,20-dioxopregna-1,4-dien-21-yl propionate	Lot Number:	0427-RH-0058
CAS Number:	3793-10-0	Expiry Date:	May 08, 2030
Molecular Formula:	C ₂₅ H ₃₃ FO ₆	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	448.52	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.730%
Residue on Ignition	TGA	0.4557%
Loss on Drying	TGA	0.0479%
Assay	qNMR	98.7%
Assay	Mass Balance	99.2%

Comment:

- The retest date of this product is May 08, 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 09, 2026

Date: May 11, 2026

Date: May 11, 2026



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