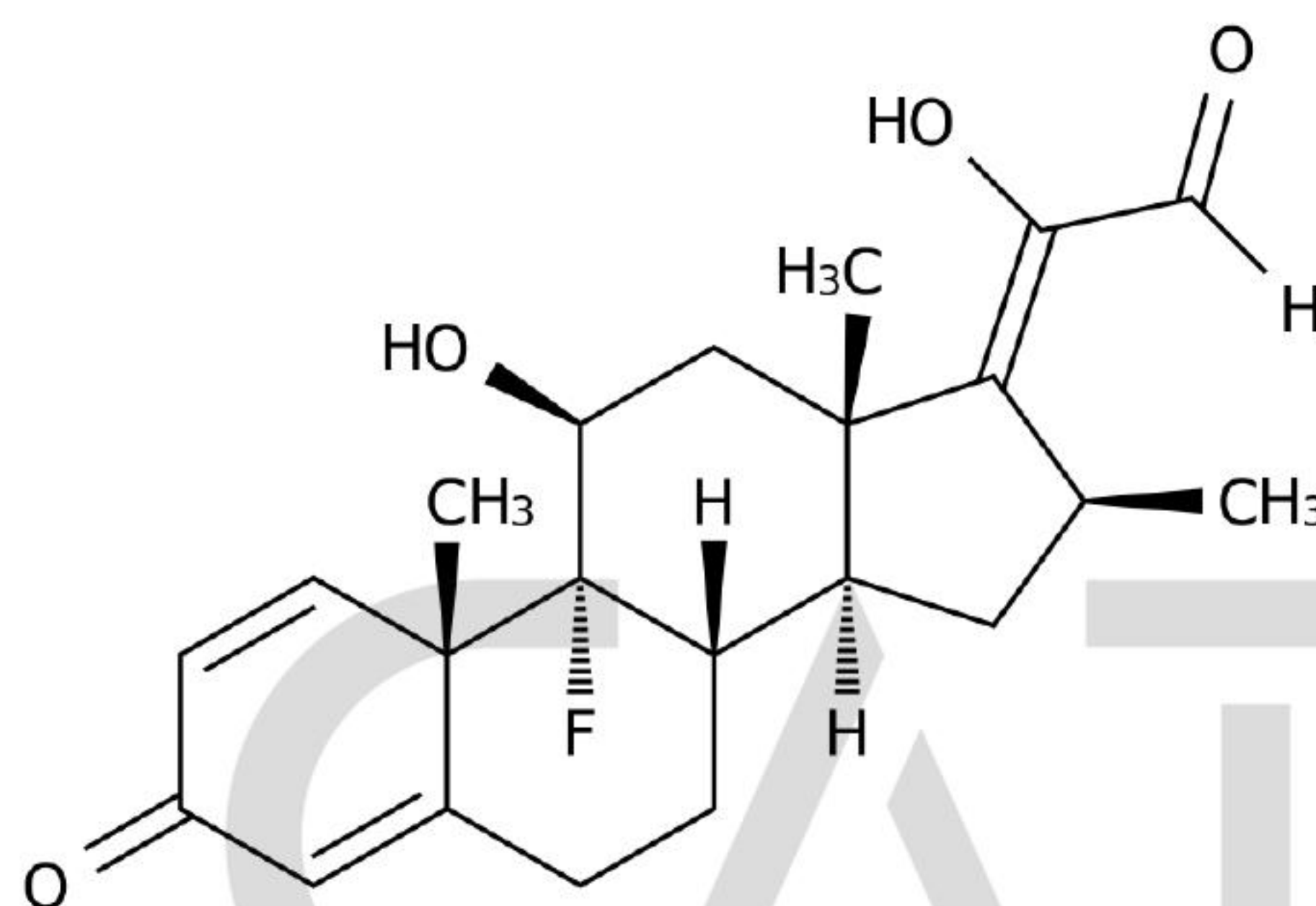


Certificate of Analysis

Reference Material & Standard

Product Name:	Betamethasone Enol Aldehyde Z Isomer	Catalogue Number:	C4X-143732
Synonyms:	N/A	Lot Number:	0527-RF-0047
CAS Number:	52647-06-0	Expiry Date:	Apr 18, 2027
Molecular Formula:	C ₂₂ H ₂₇ FO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	374.45		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.290%
Water Content	Karl Fischer	0.14%
Residual Solvents	NMR	0.93% dioxane
Assay		98.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 27, 2024

Date: May 27, 2024

Date: May 27, 2024

