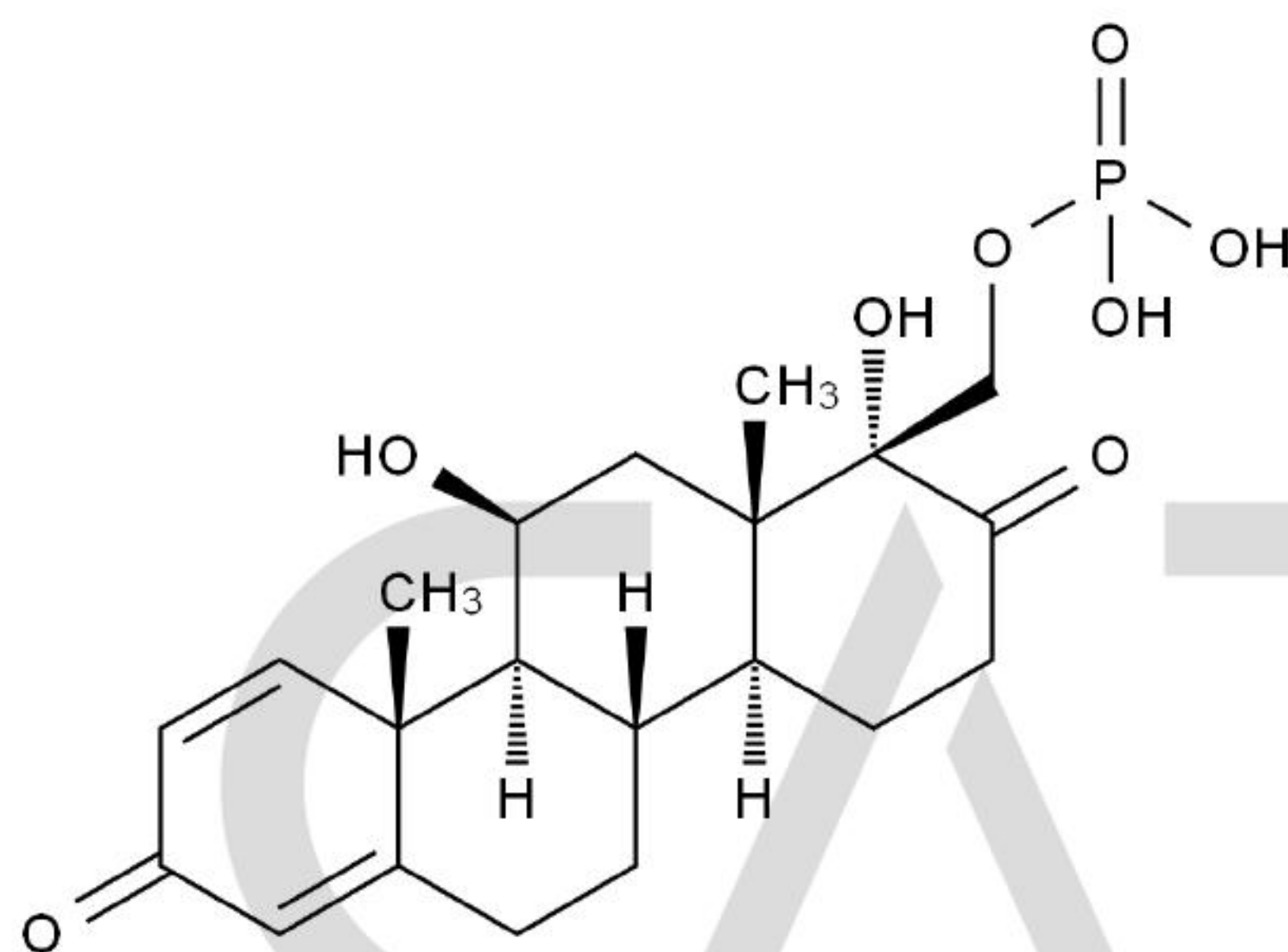


Certificate of Analysis

Reference Material & Standard

Product Name:	Prednisolone Impurity 20	Catalogue Number:	C4X-173720
Synonyms:	N/A	Lot Number:	0515-RG-0091
CAS Number:	N/A	Expiry Date:	Jan 03, 2027
Molecular Formula:	C ₂₁ H ₂₉ O ₈ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	440.42	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.10%
Loss on Drying	TGA	2.032%
Assay		95.1%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 19, 2025

Date: May 19, 2025

Date: May 19, 2025



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