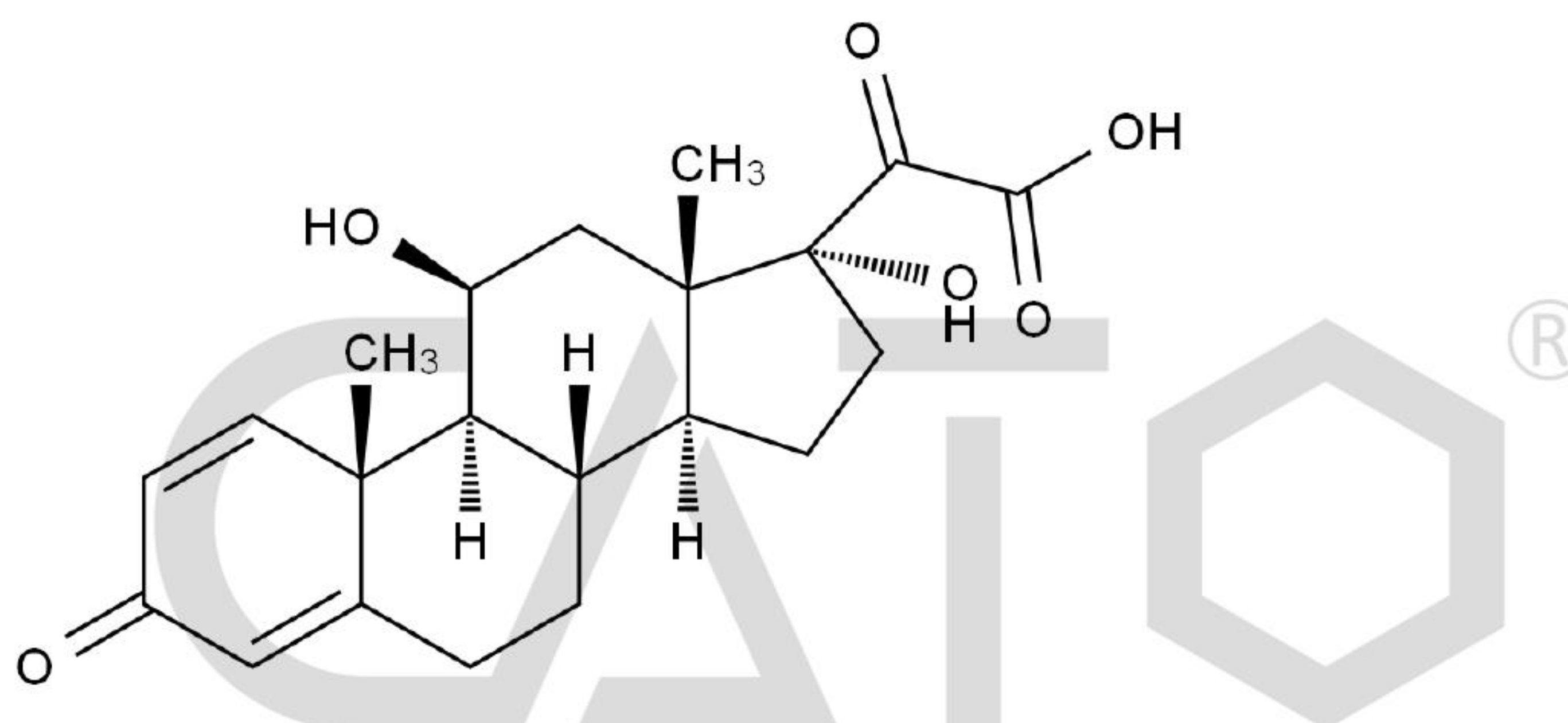


Certificate of Analysis

Reference Material & Standard

Product Name:	Prednisolone Impurity 19	Catalogue Number:	C4X-173719
Synonyms:	N/A	Lot Number:	1224-RF-0086
CAS Number:	61549-70-0	Expiry Date:	Apr 24, 2028
Molecular Formula:	C ₂₁ H ₂₆ O ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	374.43	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.775%
Loss on Drying	TGA	0.0442%
Assay		99.7%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 25, 2025

Date: Apr 25, 2025

Date: Apr 25, 2025



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