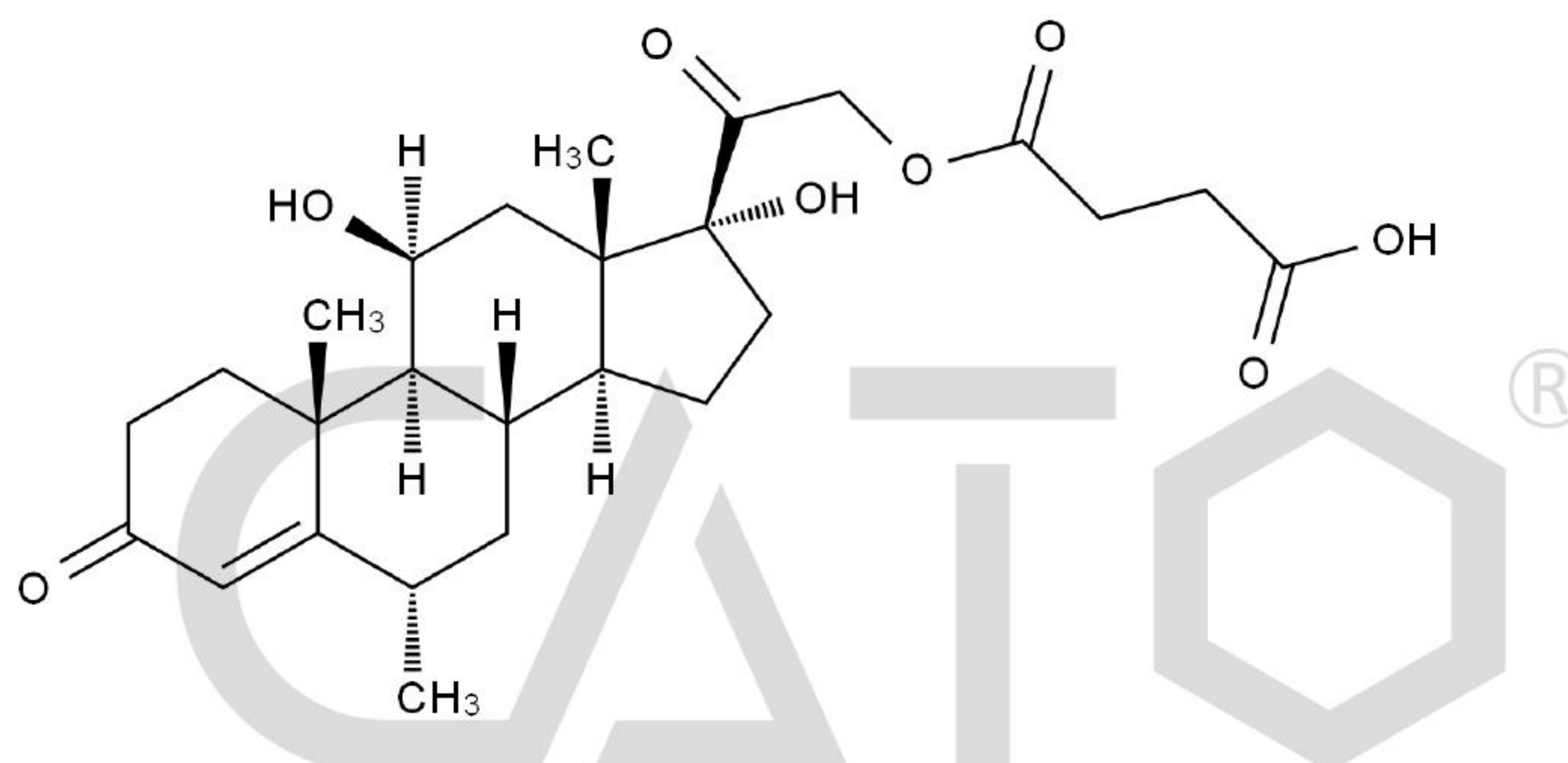


Certificate of Analysis

Reference Material & Standard

Product Name:	Methylprednisolone Hydrogen Succinate EP Impurity D	Catalogue Number:	C4X-191938
Synonyms:	N/A	Lot Number:	0422-RF-0068
CAS Number:	119657-85-1	Expiry Date:	Feb 01, 2027
Molecular Formula:	C ₂₆ H ₃₆ O ₈	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	476.56		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.265%
Water Content	Karl Fischer	0.44%
Residual Solvents	NMR	0.08% dichloromethane
Assay		98.7%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 17, 2025

Date: Jul 18, 2025

Date: Jul 18, 2025

