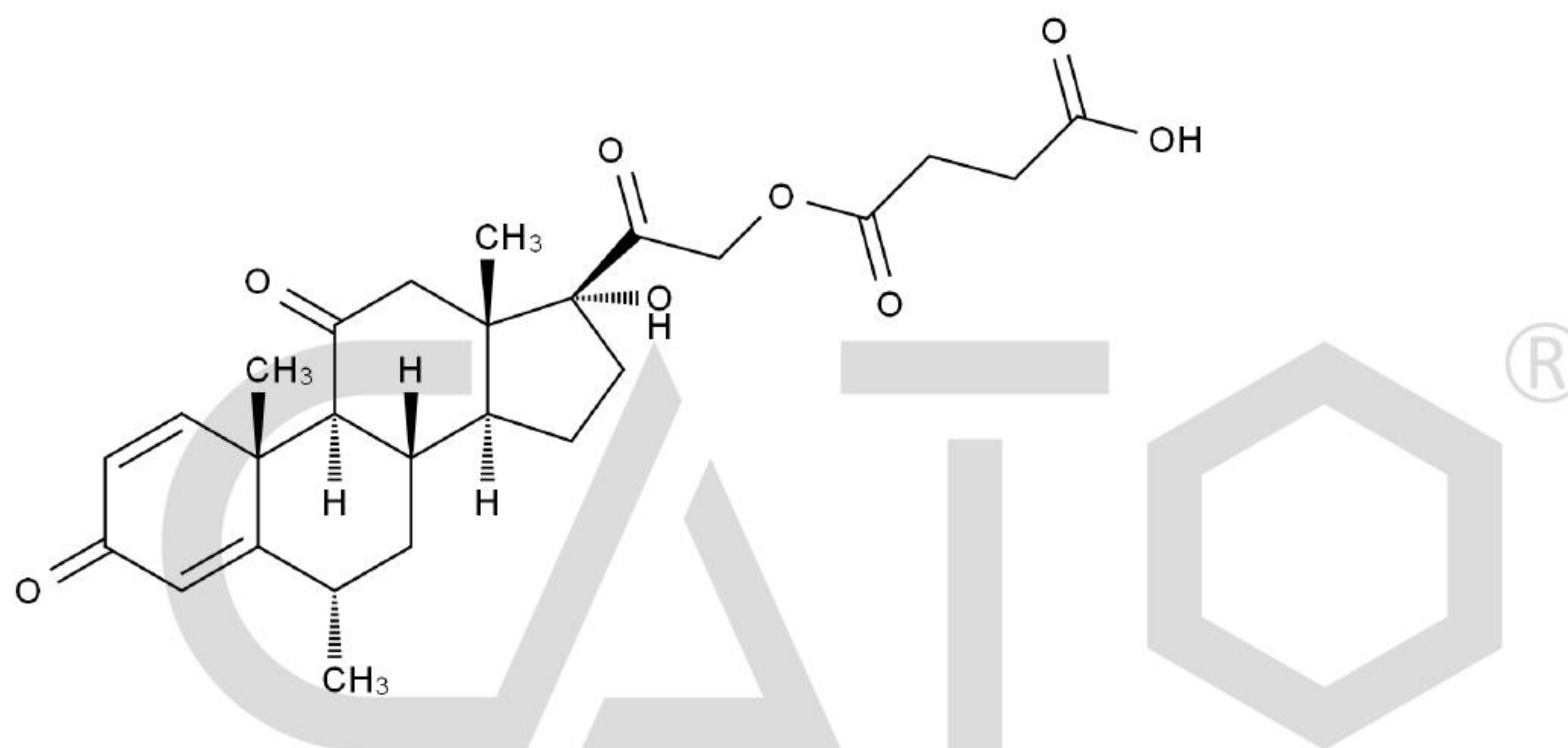


Certificate of Analysis

Reference Material & Standard

Product Name:	Methylprednisolone Impurity 1	Catalogue Number:	C4X-19191
Synonyms:	Methylprednisolone EP Impurity A Hydrogen Succinate	Lot Number:	0321-RG-0032
CAS Number:	N/A	Expiry Date:	Mar 24, 2028
Molecular Formula:	C ₂₆ H ₃₂ O ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	472.53	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.569%
Loss On Drying	TGA	0.5810%
Assay		99.0%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 25, 2025

Date: Mar 25, 2025

Date: Mar 25, 2025

