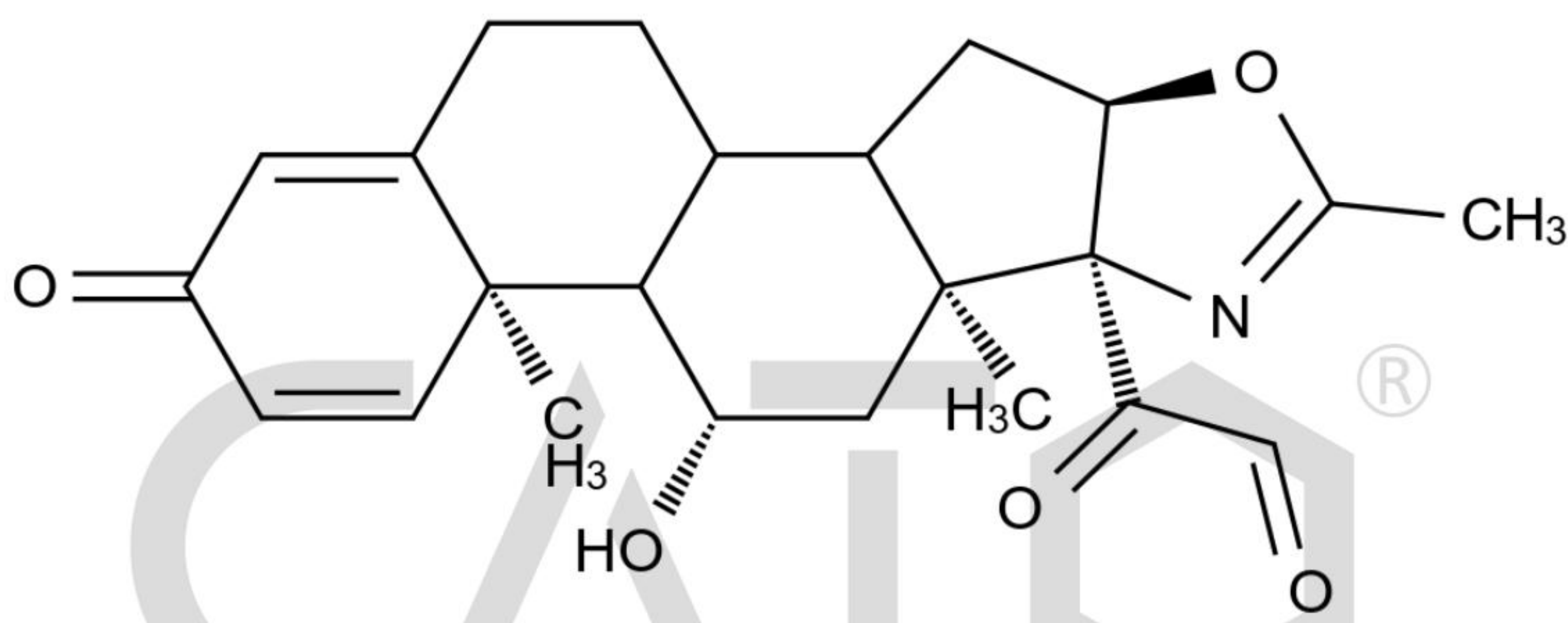


Certificate of Analysis

Reference Material & Standard

Product Name:	Deflazacort Impurity 10	Catalogue Number:	C4X-233610
Synonyms:	N/A	Lot Number:	0927-RF-0036
CAS Number:	N/A	Expiry Date:	Oct 16, 2025
Molecular Formula:	C ₂₃ H ₂₇ NO ₅	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	397.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	93.610%
Loss On Drying	TGA	3.4104%
Assay		90.4%

Comment:

1. Low temperature and dark storage.
2. 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: Oct 17, 2024

Date: Oct 17, 2024

Date: Oct 17, 2024

