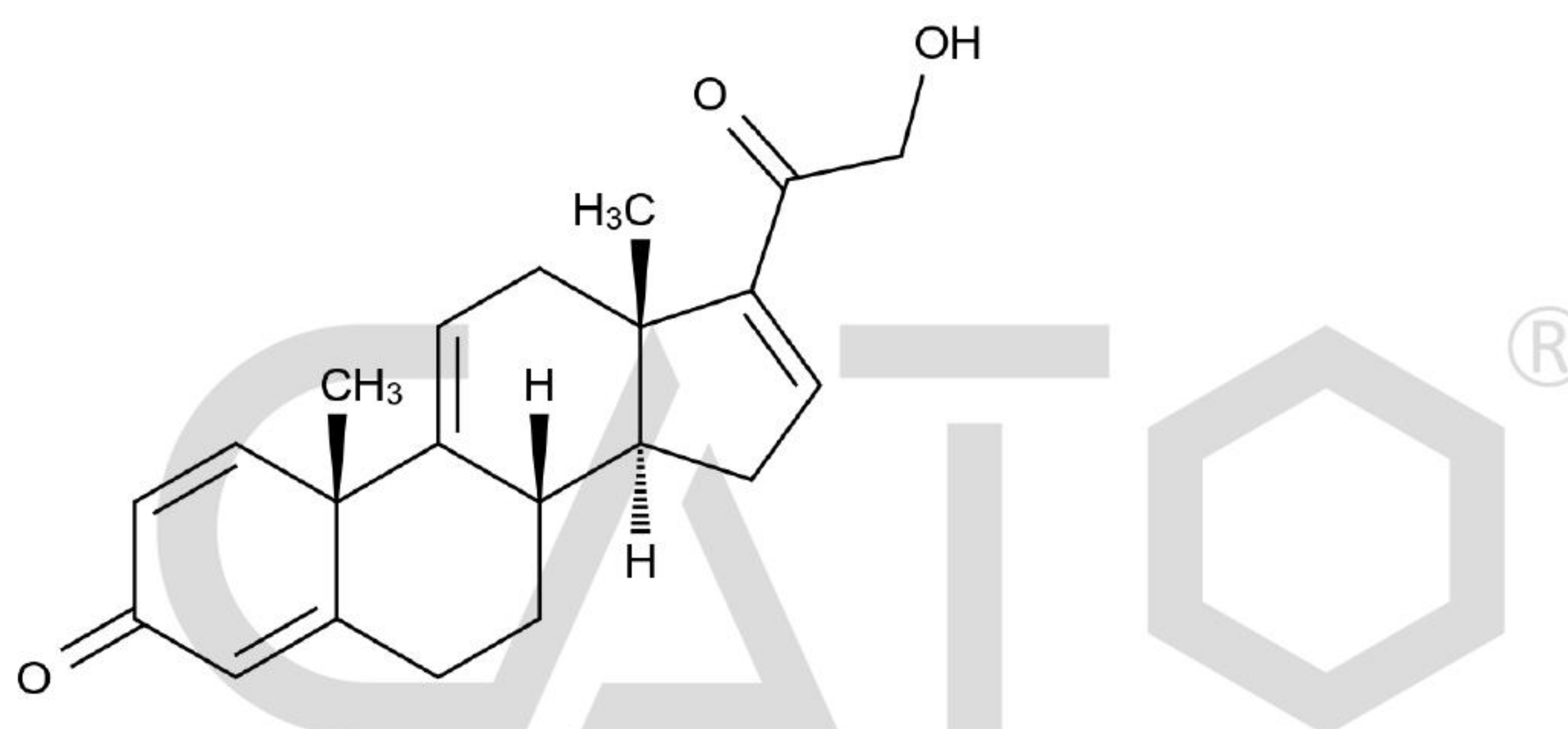


Certificate of Analysis

Reference Material & Standard

Product Name:	Budesonide Impurity 49	Catalogue Number:	C4X-138949
Synonyms:	N/A	Lot Number:	0122-RH-0007
CAS Number:	90039-93-3	Expiry Date:	Jan 22, 2030
Molecular Formula:	C ₂₁ H ₂₄ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	324.41	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.841%
Loss On Drying	TGA	0.5588%
Assay		96.3%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 23, 2026

Date: Jan 23, 2026

Date: Jan 23, 2026



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