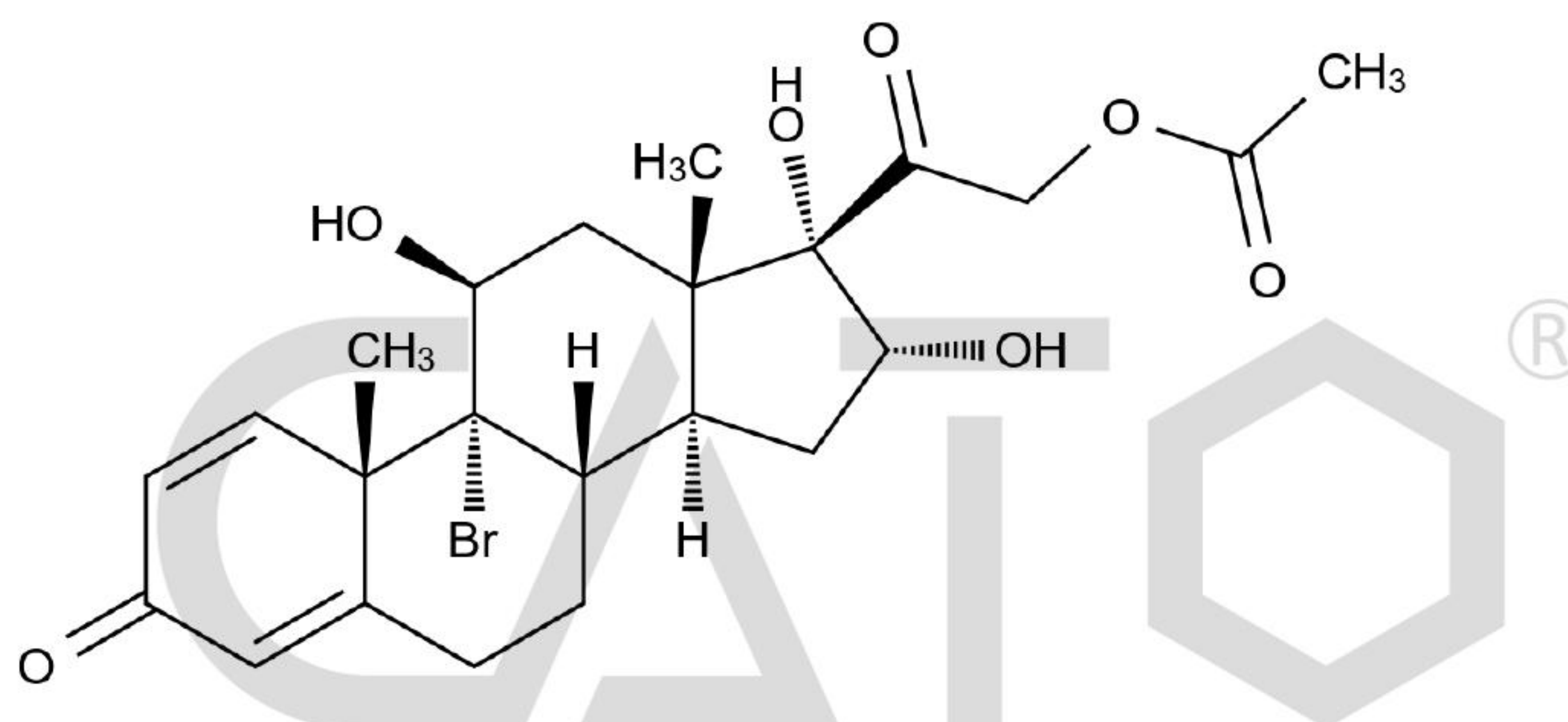


Certificate of Analysis

Reference Material & Standard

Product Name:	Budesonide Impurity 40	Catalogue Number:	C4X-138940
Synonyms:	N/A	Lot Number:	1204-RG-0114
CAS Number:	91160-89-3	Expiry Date:	Dec 10, 2029
Molecular Formula:	C ₂₃ H ₂₉ BrO ₇	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	497.38	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.425%
Loss On Drying	TGA	7.1689%
Assay		91.4%

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: Dec 11, 2025

Date: Dec 11, 2025

Date: Dec 11, 2025



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