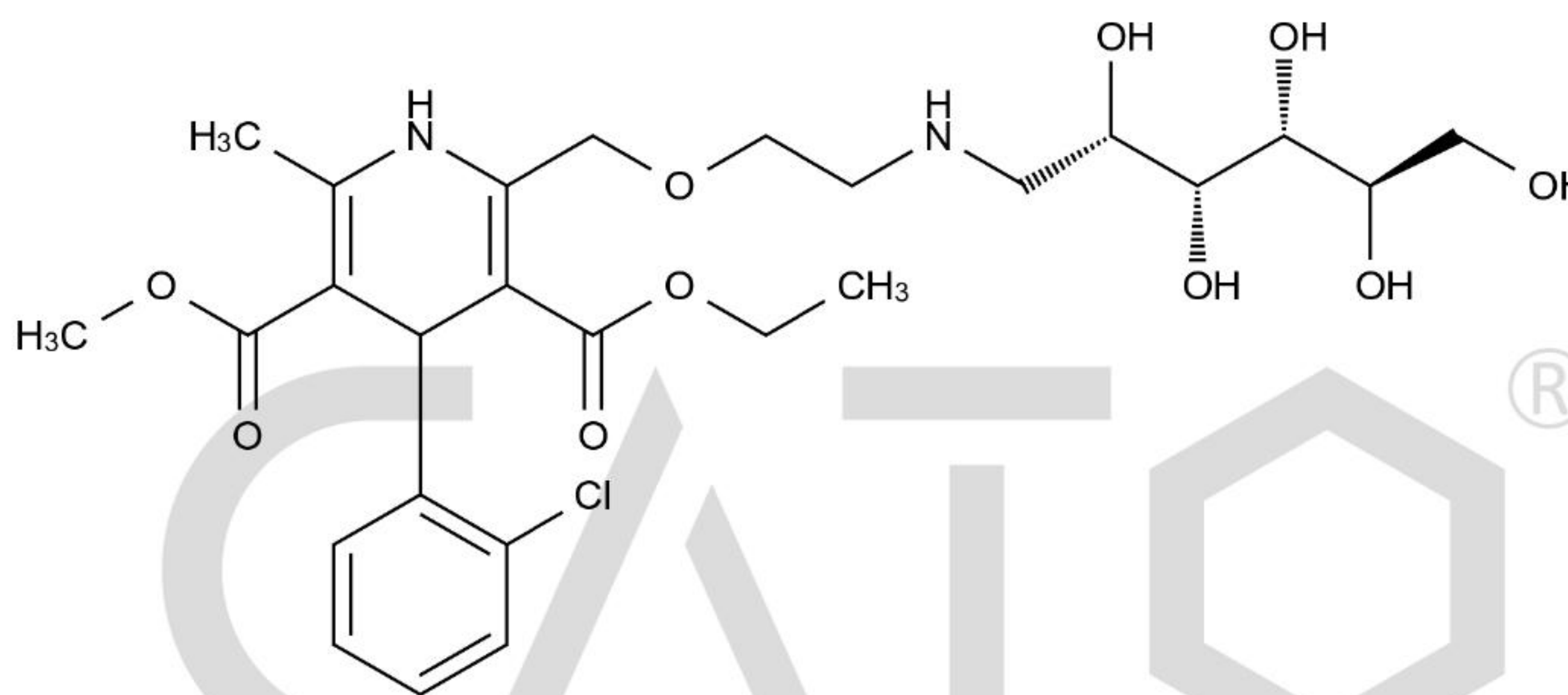


Certificate of Analysis

Reference Material & Standard

Product Name:	Amlodipine Impurity 81	Catalogue Number:	C4X-109581
Synonyms:	N/A	Lot Number:	1215-RG-0154
CAS Number:	N/A	Expiry Date:	Aug 15, 2028
Molecular Formula:	C ₂₆ H ₃₇ ClN ₂ O ₁₀	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	573.03	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	97.406%
Water Content	Karl Fischer	1.04%
Residual Solvents	NMR	Not detected in NMR
Assay		96.4%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Dec 18, 2025

Date: Dec 18, 2025

Date: Dec 18, 2025



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