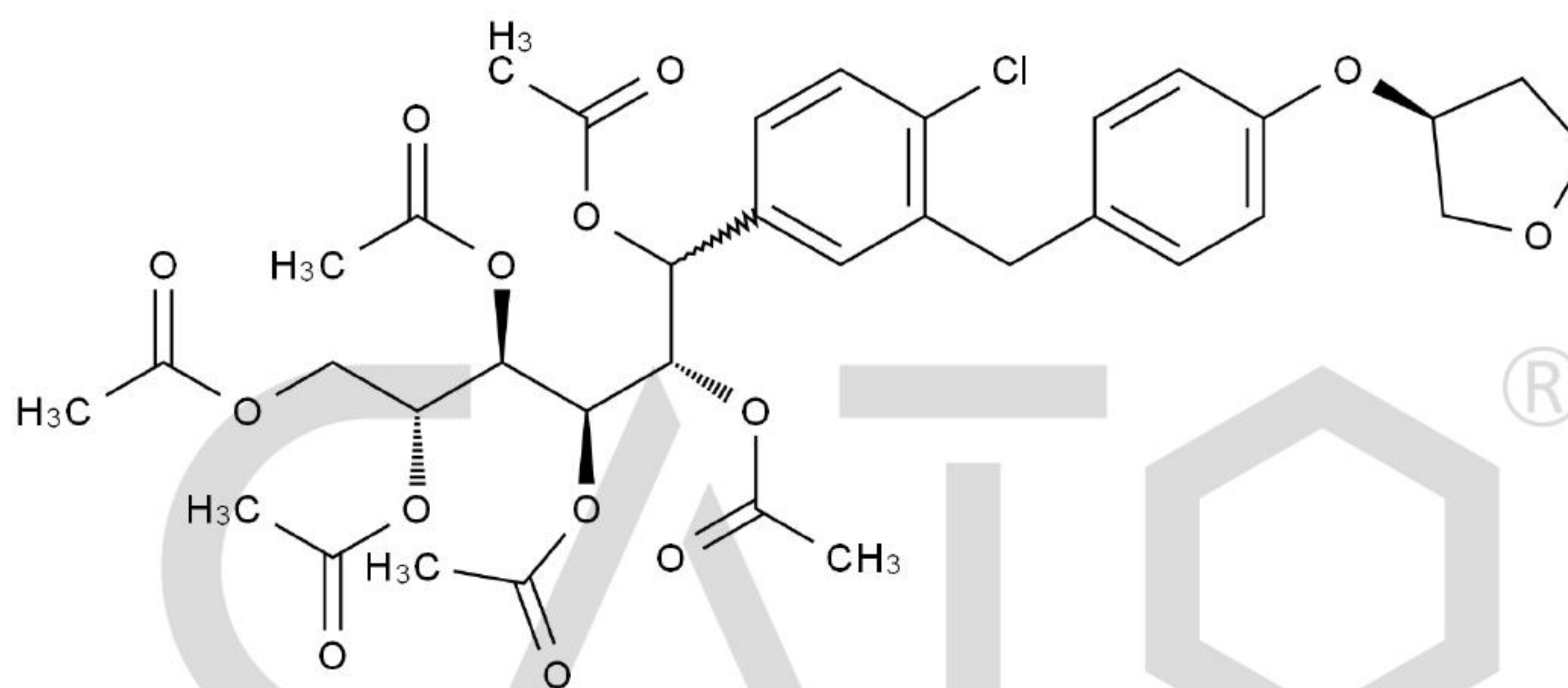


Certificate of Analysis

Reference Material & Standard

Product Name:	Metformin Impurity 107	Catalogue Number:	C4X-1065107
Synonyms:	N/A	Lot Number:	1116-RE-0011
CAS Number:	N/A	Expiry Date:	May 21, 2031
Molecular Formula:	C ₃₅ H ₄₁ ClO ₁₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	721.14	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.945%
Water Content	Karl Fischer	0.42%
Assay		97.5%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: May 29, 2026

Date: May 29, 2026

Date: May 29, 2026



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