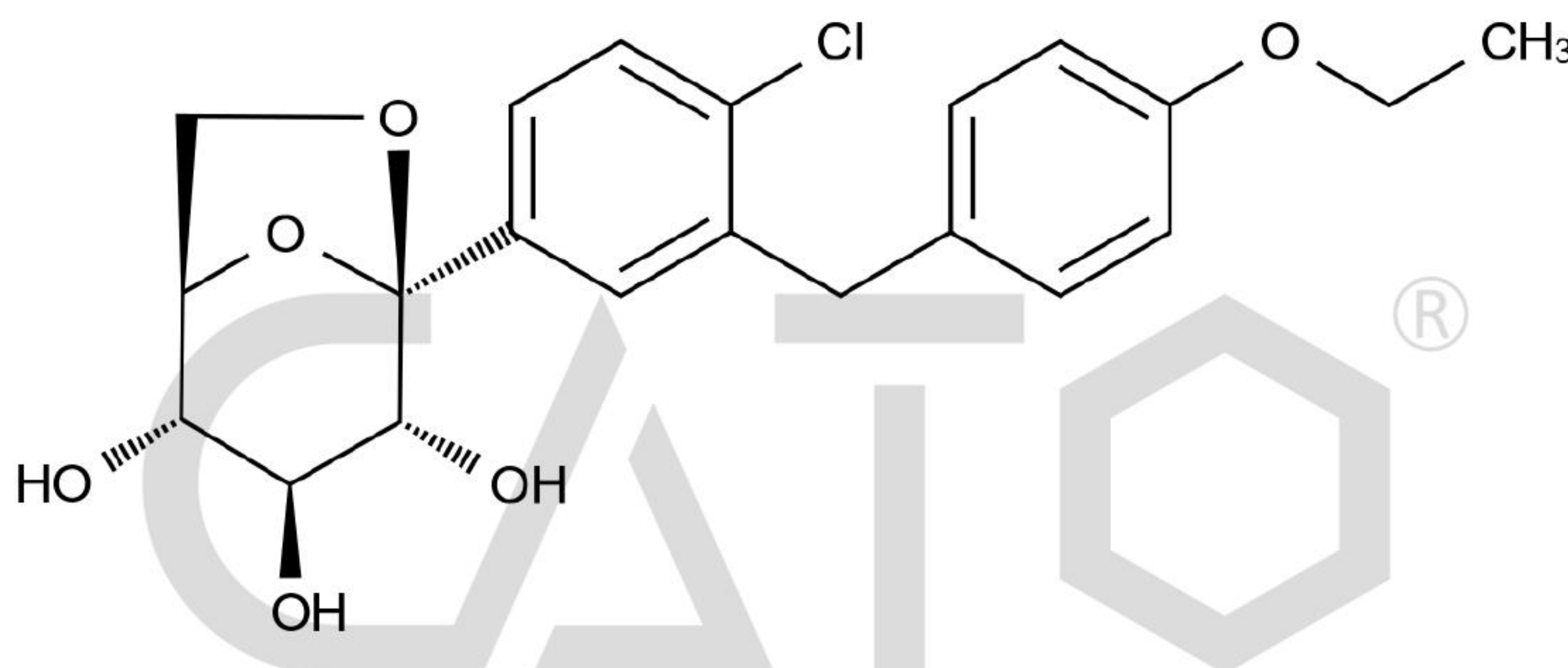


Certificate of Analysis

Reference Material & Standard

Product Name:	Ertugliflozin impurity 28	Catalogue Number:	C4X-301128
Synonyms:	N/A	Lot Number:	1120-RG-0114
CAS Number:	N/A	Expiry Date:	Nov 13, 2029
Molecular Formula:	C ₂₁ H ₂₃ ClO ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	406.86	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.789%
Water Content	Karl Fischer	0.28%
Residual Solvents	NMR	1.28% ethyl acetate
Assay		97.2%

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:

Koi

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Nov 21, 2025

Date: Nov 21, 2025

Date: Nov 21, 2025



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