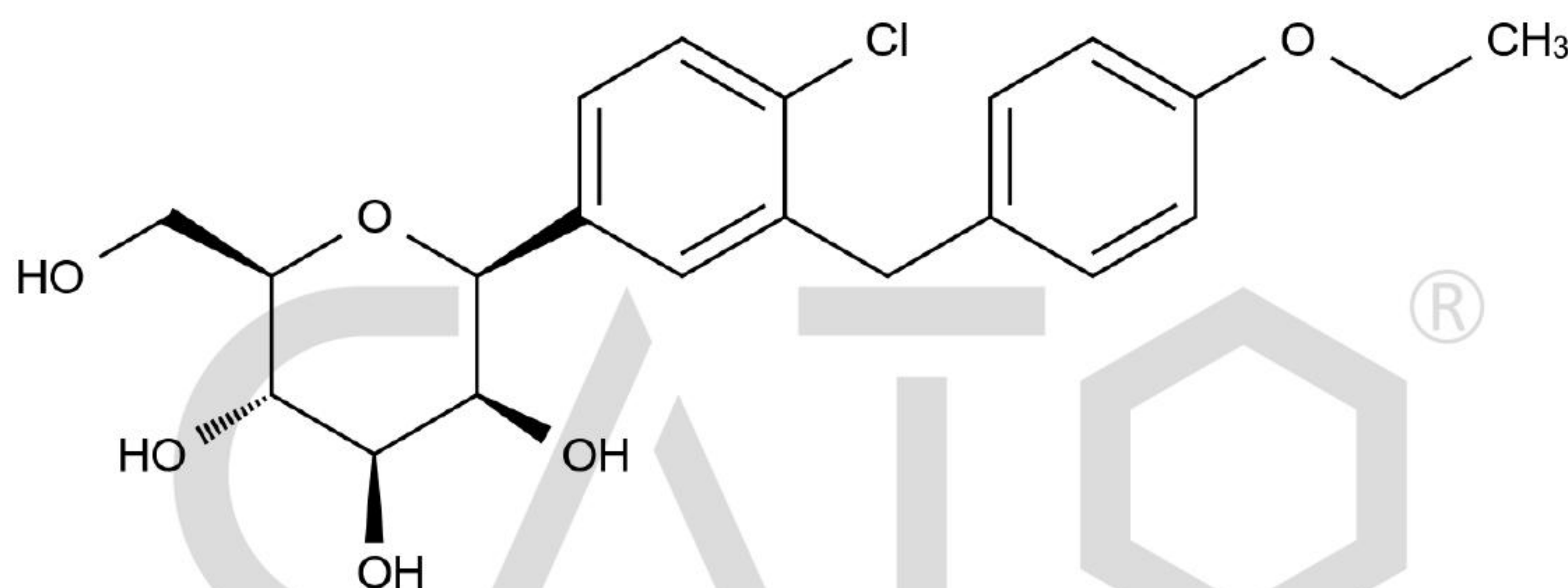


Certificate of Analysis

Reference Material & Standard

Product Name:	Dapagliflozin C2 Epimer	Catalogue Number:	C4X-113833
Synonyms:	(2S,3S,4R,5S,6R)-2-[4-Chloro-3-[(4-ethoxyphenyl)methyl]phenyl]-6-(hydroxymethyl)oxane-3,4,5-triol	Lot Number:	0519-RH-0049
CAS Number:	2133407-75-5	Expiry Date:	May 28, 2030
Molecular Formula:	C ₂₁ H ₂₅ ClO ₆	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	408.87	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.3287%
Loss on Drying	TGA	2.7291%
Assay	qNMR	96.9%
Assay	Mass Balance	96.9%

Comment:

- The retest date of this product is May 28, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Jun 17, 2026

Date: Jun 17, 2026

Date: Jun 17, 2026



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