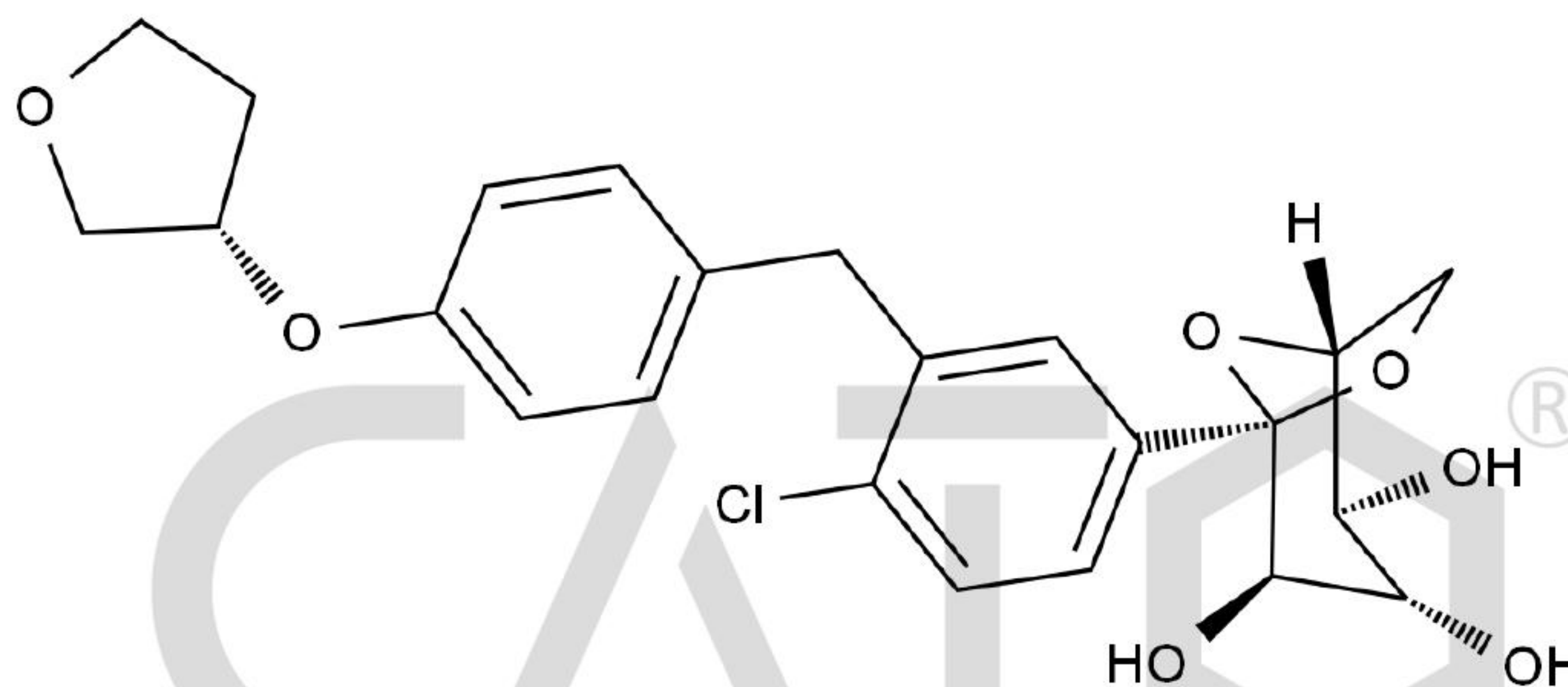


Certificate of Analysis

Reference Material & Standard

Product Name:	Empagliflozin Impurity 144	Catalogue Number:	C4X-1065144
Synonyms:	N/A	Lot Number:	0419-RF-0046
CAS Number:	2452301-32-3	Expiry Date:	Apr 24, 2027
Molecular Formula:	C ₂₃ H ₂₅ ClO ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	448.89	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.0%
Assay	qNMR	93.0%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 25, 2024

Date: Apr 25, 2024

Date: Apr 25, 2024

