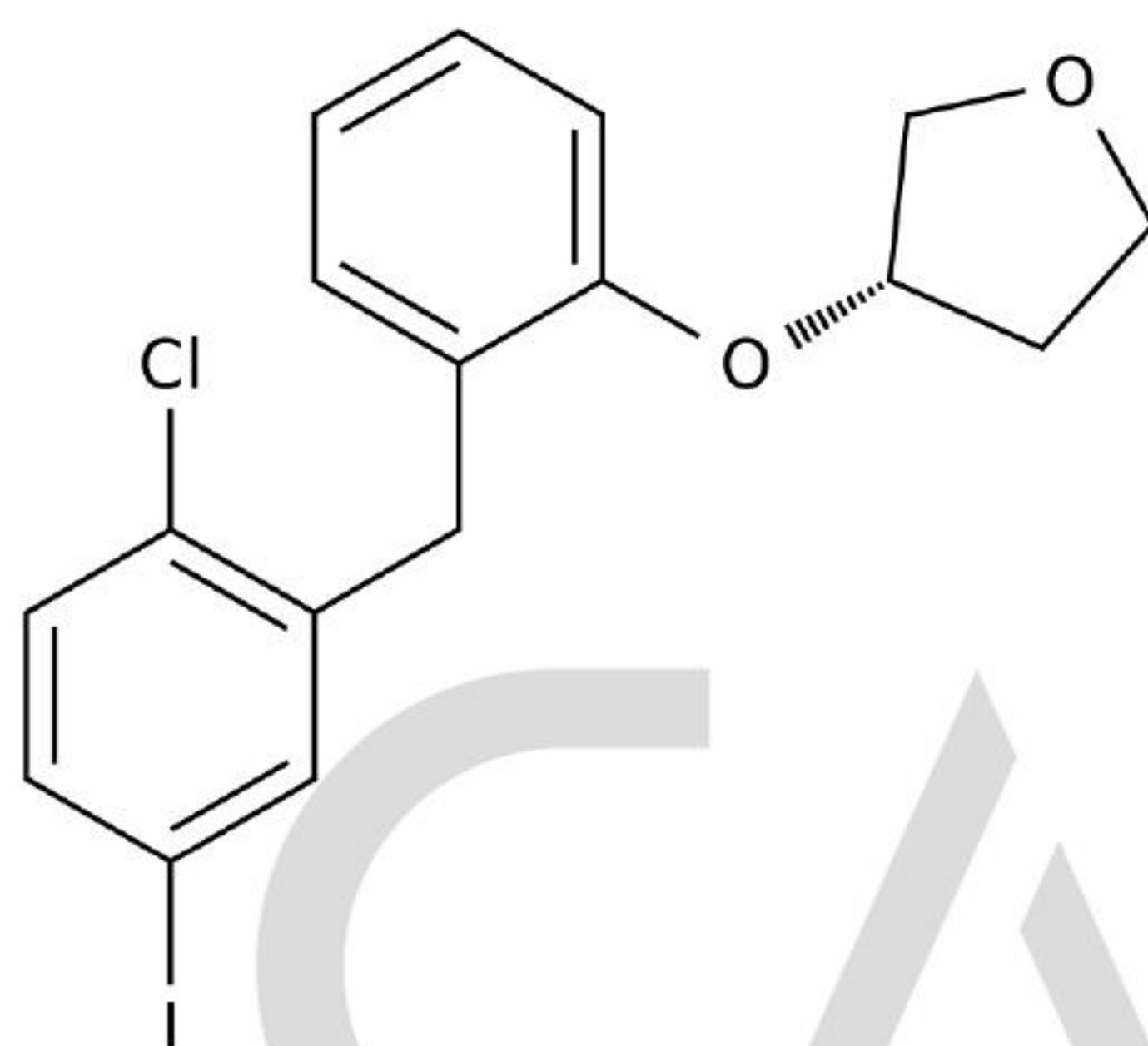


Certificate of Analysis

Reference Material & Standard

Product Name:	Empagliflozin Impurity 113	Catalogue Number:	C4X-1065113
Synonyms:	N/A	Lot Number:	0325-RF-0087
CAS Number:	2452301-16-3	Expiry Date:	Mar 26, 2027
Molecular Formula:	C ₁₇ H ₁₆ ClO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	414.67		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.309%
Loss On Drying	TGA	0.1113%
Assay		98.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 27, 2024

Date: Mar 29, 2024

Date: Mar 29, 2024

