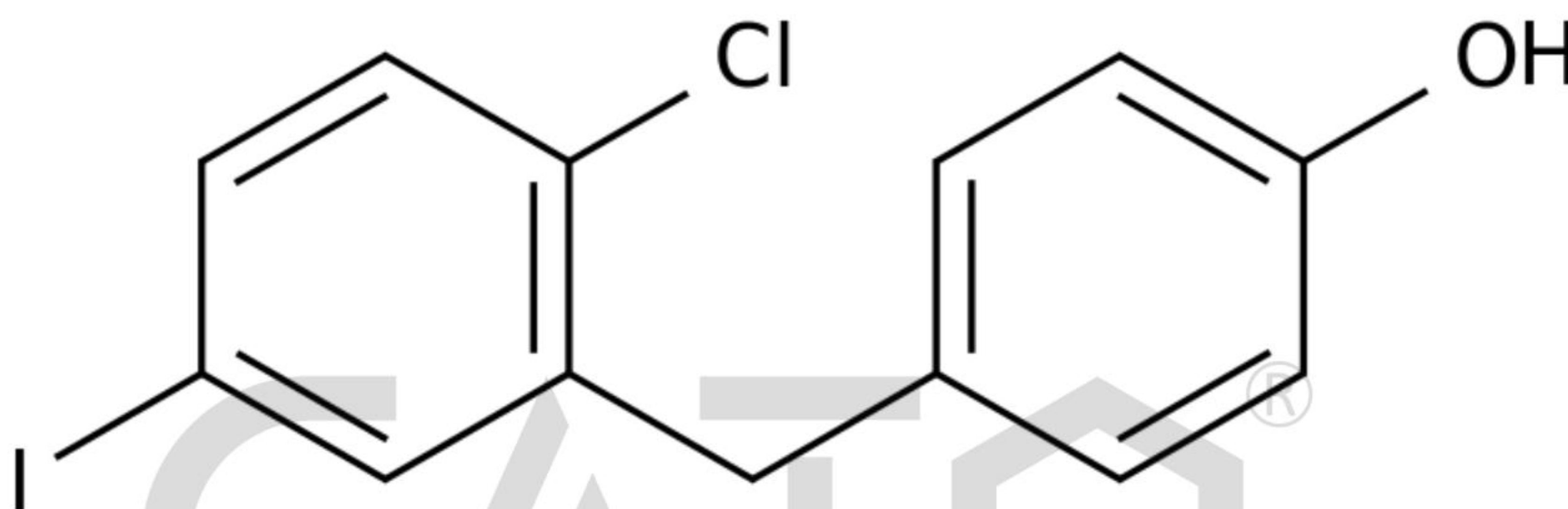


Certificate of Analysis

Reference Material & Standard

Product Name:	Empagliflozin Impurity 114	Catalogue Number:	C4X-1065114
Synonyms:	N/A	Lot Number:	0428-RF-0011
CAS Number:	1459754-32-5	Expiry Date:	May 05, 2027
Molecular Formula:	C ₁₃ H ₁₀ ClO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	344.58		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.902%
Loss On Drying	TGA	0.0428%
Assay		99.9%

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

Aproved by General Manager:

David

Date: May 06, 2024

Date: May 06, 2024

Date: May 06, 2024

