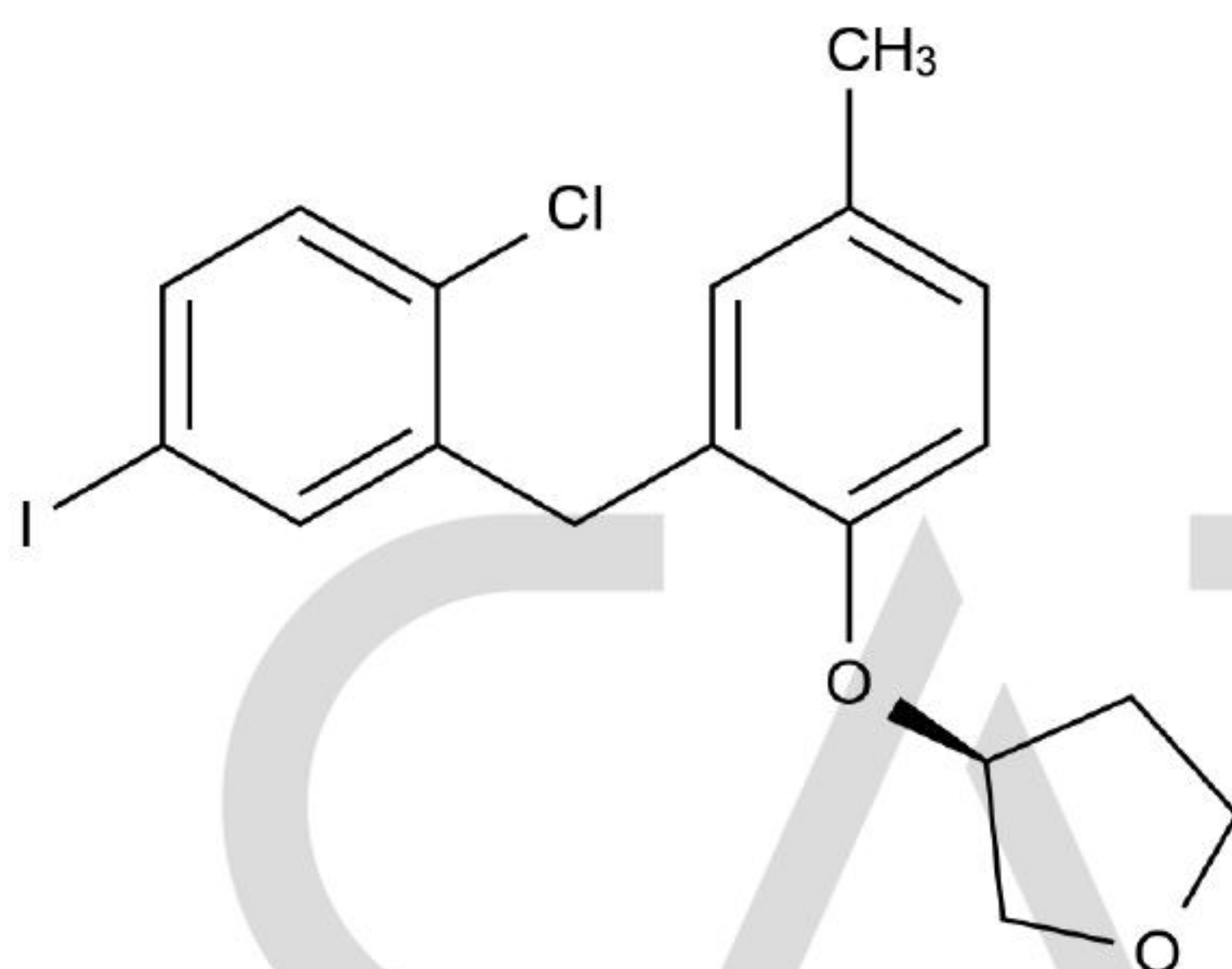


Certificate of Analysis

Reference Material & Standard

Product Name:	Empagliflozin impurity 268	Catalogue Number:	C4X-1065268
Synonyms:	N/A	Lot Number:	1128-RG-0041
CAS Number:	N/A	Expiry Date:	Dec 01, 2029
Molecular Formula:	C ₁₈ H ₁₈ ClIO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	428.69	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.5999%
Loss On Drying	TGA	0.2077%
Assay		99.4%

Comment:

The calculation of the mass balance 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:

Lisa

Reviewed by:

Nice

Approved by General Manager:

David

Date: Dec 08, 2025

Date: Dec 08, 2025

Date: Dec 08, 2025



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