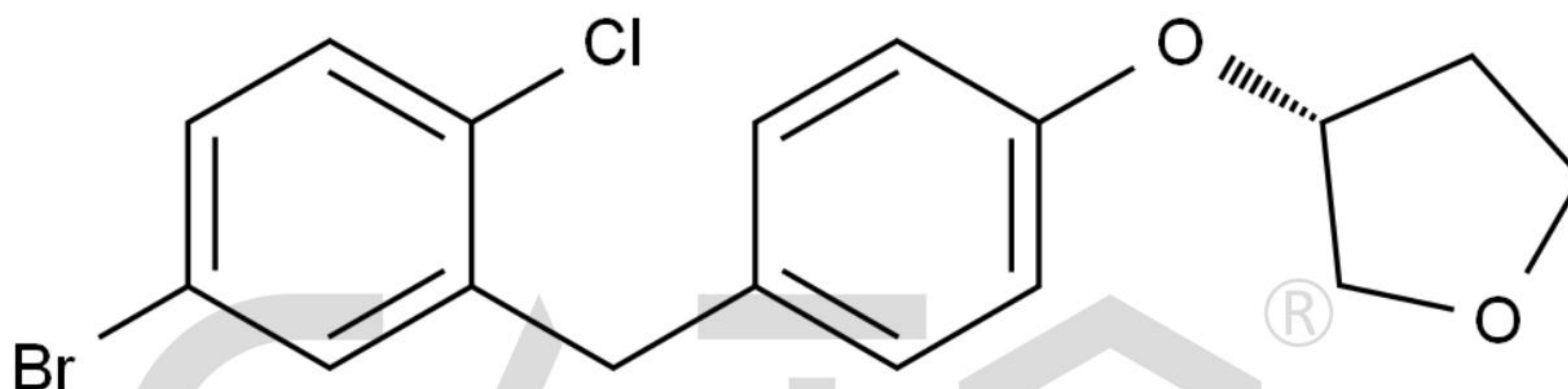


Certificate of Analysis

Reference Material & Standard

Product Name:	Empagliflozin Impurity 105	Catalogue Number:	C4X-1065105
Synonyms:	N/A	Lot Number:	0901-RG-0054
CAS Number:	915095-90-8	Expiry Date:	Aug 31, 2029
Molecular Formula:	C ₁₇ H ₁₆ BrClO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	367.66	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.137%
Loss on Drying	TGA	0.2202%
Assay		98.9%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Koi

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 08, 2026

Date: Apr 08, 2026

Date: Apr 08, 2026



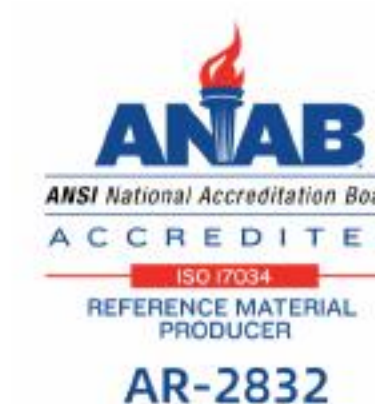
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