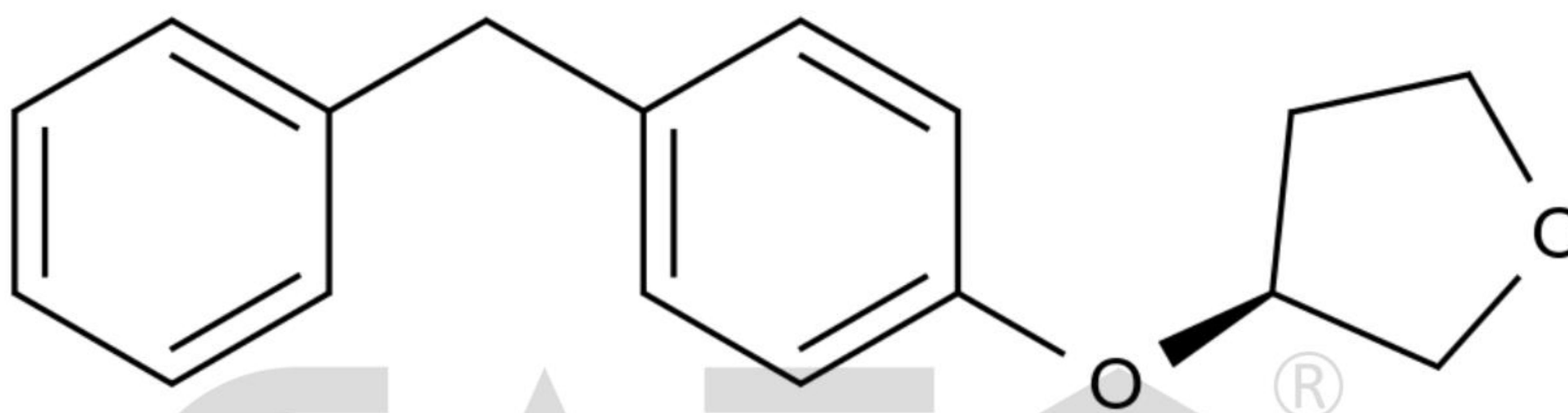


Certificate of Analysis

Reference Material & Standard

Product Name:	Empagliflozin Impurity 164	Catalogue Number:	C4X-1065164
Synonyms:	N/A	Lot Number:	0325-RF-0083
CAS Number:	N/A	Expiry Date:	Mar 26, 2027
Molecular Formula:	C17H18O2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	254.32		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.905%
Loss On Drying	TGA	0.1931%
Assay		98.7%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 07, 2025

Date: Mar 07, 2025

Date: Mar 07, 2025

