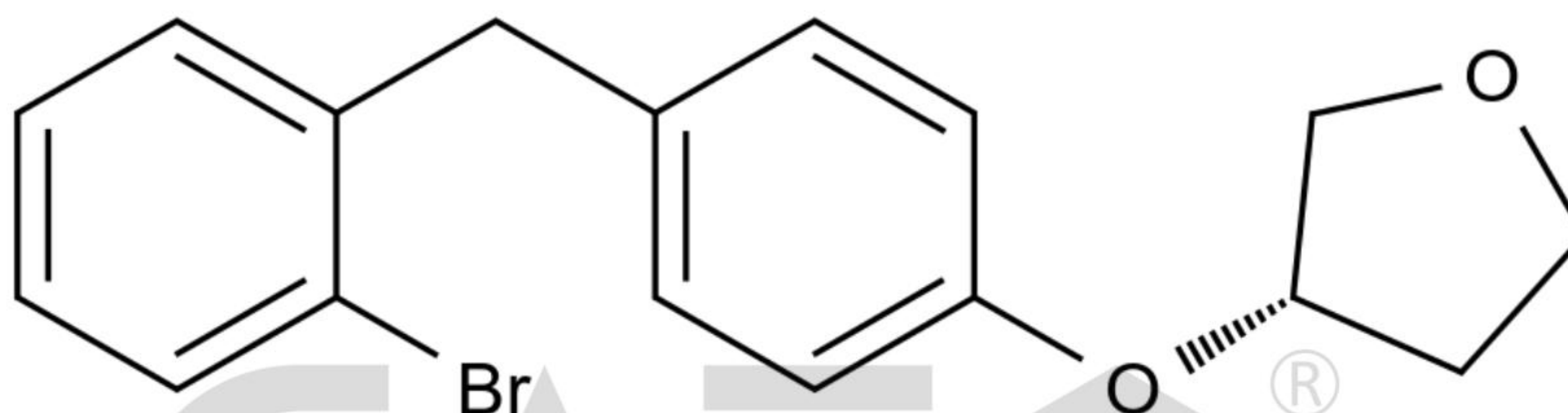


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                  |                   |                                           |
|--------------------|--------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Empagliflozin impurity                           | Catalogue Number: | C4X-1065179                               |
| Synonyms:          | N/A                                              | Lot Number:       | 1204-RE-0092                              |
| CAS Number:        | N/A                                              | Expiry Date:      | Nov 29, 2026                              |
| Molecular Formula: | C <sub>17</sub> H <sub>17</sub> BrO <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 333.22                                           |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | HRMS&HNMR         | Confirmed         |
| Purity         | HPLC              | 99.0%             |

CATO Research Chemicals Inc.

Signature:

Prepared by:

*Lily*

Reviewed by:

*Lisa*

Aproved by General Manager:

*David*

Date: Dec 05, 2023

Date: Dec 05, 2023

Date: Dec 05, 2023

