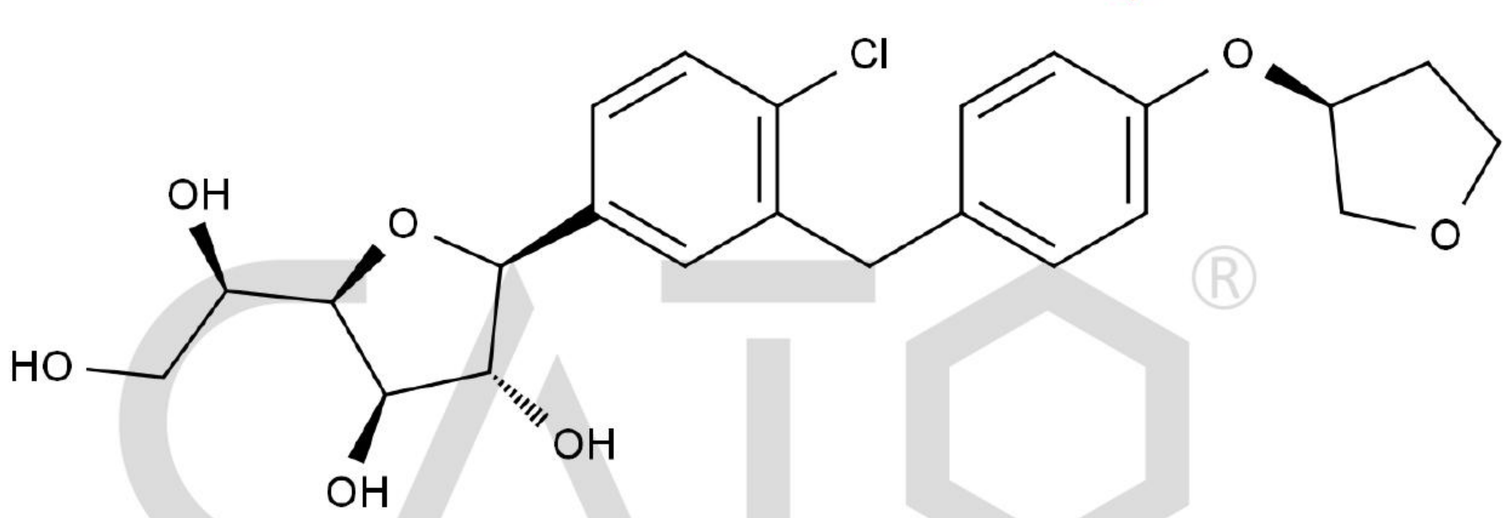
Certificate of Analysis

Reference Material & Standard

Product Name:	Empagliflozin Impurity 16	**Catalogue Number:**	C4X-106516
Synonyms:	N/A	**Lot Number:**	1231-RG-0056
CAS Number:	1620758-32-8	**Expiry Date:**	Dec 30, 2029
Molecular Formula:	$C_{23}H_{27}ClO_7$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	450.91	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.2%
Assay	qNMR	96.3%

CATO Research Chemicals Inc.

Signature:

Prepared by: Koji Date: Nov 11, 2026

Reviewed by: Lisa Date: Nov 12, 2026

Approved by General Manager: David Date: Nov 12, 2026

CATO Research Chemicals Inc.