

CERTIFICATE OF ANALYSIS

(Certificate No. KME010111-01)

Release Date: 18/04/2026

Re-test Date: 17/04/2029

EMPAGLIFLOZIN ACETYL IMPURITY

Identification

Chemical Name :

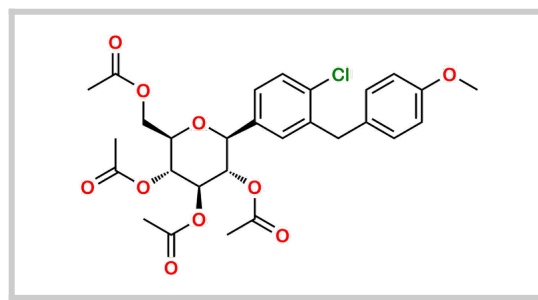
(2R,3R,4R,5S,6S)-2-(Acetoxymethyl)-6-(4-chloro-3-(4-methoxybenzyl)phenyl)tetrahydro-2H-pyran-3,4,5-triyl triacetate

CAT No. : KME010111

CAS No. : 872980-38-6

Molecular Formula : C₂₈H₃₁ClO₁₀

Molecular Weight : 563.0



Analytical Information

Batch No. : E010111-114-261

Description : Light Yellow Solid

HPLC Purity : 97.73 %

Weight Loss By TGA : 0.10 %

% Potency : 97.63 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.10(Weight Loss By TGA)] x [97.73(HPLC Purity)]/100 = 97.63 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		18/04/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA