CERTIFICATE OF ANALYSIS

(Certificate No. KME010111-01)

Release Date: 18/04/2026 **Re-test Date:** 17/04/2029

EMPAGLIFLOZIN ACETYL IMPURITY

Identification

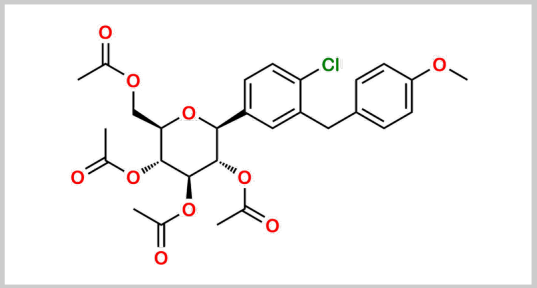
Chemical Name :
(2R,3R,4R,5S,6S)-2-(Acetoxymethyl)-6-(4-chloro-3-(4-methoxybenzyl)phenyl)tetrahydro-2H-pyran-3,4,5-triyl triacetate

CAT No. : KME010111

CAS No. : 872980-38-6

Molecular Formula : C28H31ClO10

Molecular Weight : 563.0



Analytical Information

Batch No.	: E010111-114-261	**Solubility**	: Acetonitrile
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 97.73 %	**IR**	: Confirm
Weight Loss By TGA	: 0.10 %	**1H NMR**	: Confirm
% Potency	: 97.63 %		

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, 1HNMR, IR and TGA