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CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2026

Product Name: Dapagliflozin Hydroxy Benzylic Impurity

Identification:

Chemical Name: (2S,3R,4R,5S,6R)-2-{4-Chloro-3-[(4-ethoxyphenyl)(hydroxy)methyl]phenyl}-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol (as per USP)

Synonyms : Hydroxy Dapagliflozin (USP)

CAS Number : 1204222-85-4

CAT Number : CP-D8039

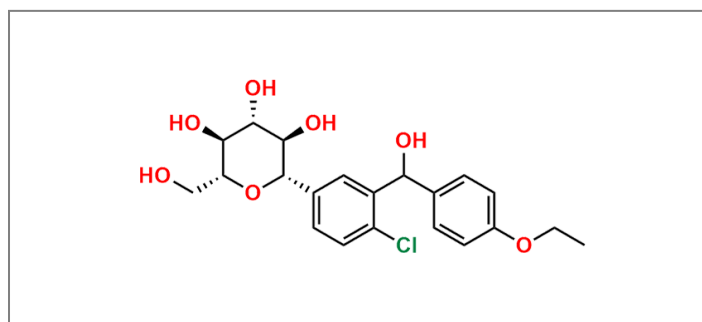
Molecular Formula : C₂₁H₂₅ClO₇

Molecular Weight : 424.87

Batch Number : CP-DAP-HYD-BEN-0424

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.02 %
5)	¹ HNMR	Confirm to structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.