



## SYNCHEMIA RESEARCH CHEMICAL

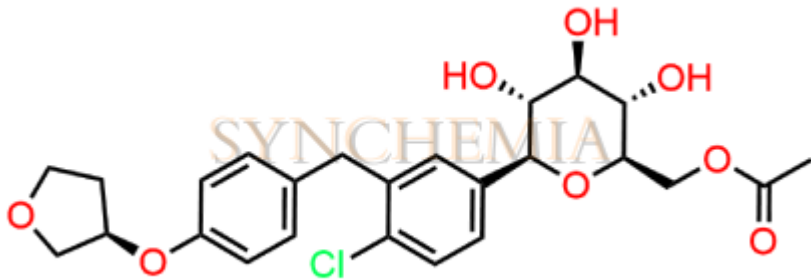
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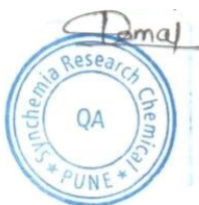
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### CERTIFICATE OF ANALYSIS

|                                                                                    |                                                                                                                                            |                                                                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Product Name                                                                       | : Empagliflozin MonoAcetyl Impurity                                                                                                        |                                                                      |
| CAS NO                                                                             | : NA                                                                                                                                       |                                                                      |
| Batch No                                                                           | : NA                                                                                                                                       |                                                                      |
| Date of Analysis                                                                   | : NA                                                                                                                                       |                                                                      |
| Retest Date                                                                        | : NA                                                                                                                                       |                                                                      |
| Structure                                                                          | :                                                                                                                                          |                                                                      |
|  |                                                                                                                                            |                                                                      |
| Chemical Name                                                                      | : ((2R,3S,4R,5R,6S)-6-(4-Chloro-3-(4-(((R)-tetrahydrofuran-3-yl)oxy)benzyl)phenyl)-3,4,5-trihydroxytetrahydro-2H-pyran-2-yl)methyl acetate |                                                                      |
| Molecular Formula                                                                  | : C25H29ClO8                                                                                                                               |                                                                      |
| Molecular Weight                                                                   | : 492.9g/mole                                                                                                                              |                                                                      |
| Sr. No.                                                                            | Test                                                                                                                                       | Result                                                               |
| 1)                                                                                 | Description                                                                                                                                | NA                                                                   |
| 2)                                                                                 | Solubility                                                                                                                                 | DMSO,METHANOL                                                        |
| 3)                                                                                 | Identification<br>1.Mass<br>2.1H NMR<br>3.IR                                                                                               | Confirm to structure<br>Confirm to structure<br>Confirm to structure |
| 4)                                                                                 | Purity by HPLC                                                                                                                             | NA                                                                   |
| Long Term Storage Condition 2–8 degrees Celsius                                    |                                                                                                                                            |                                                                      |

Prepared and Reviewed By



Ms Ashwini Gaikwad  
(QC DEPARTMENT)

Approved By



Ms Komal Kapase  
(QA DEPARTMENT)



**Note:** This is only for Analytical testing purpose, not for Human or Animal Consumption