



## SYNCHEMIA RESEARCH CHEMICAL

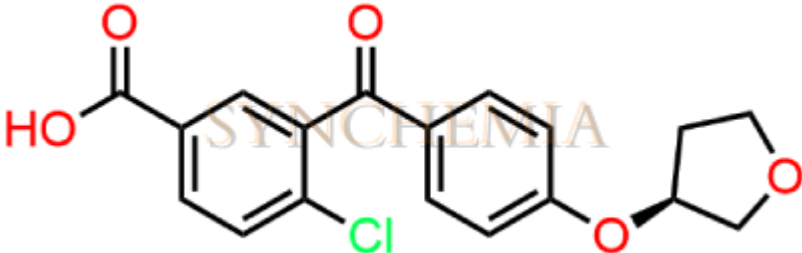
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### CERTIFICATE OF ANALYSIS

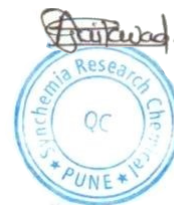
|                                                 |                                                                                                 |                                                                      |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Product Name                                    | : Empagliflozin Keto Carboxylic Acid                                                            |                                                                      |
| CAS NO                                          | : 2452301-29-8                                                                                  |                                                                      |
| Batch No                                        | : NA                                                                                            |                                                                      |
| Date of Analysis                                | : NA                                                                                            |                                                                      |
| Retest Date                                     | : NA                                                                                            |                                                                      |
| Structure                                       | : <div></div> |                                                                      |
| Chemical Name                                   | : (S)-4-Chloro-3-(4-((tetrahydrofuran-3-yl)oxy)benzoyl)benzoic acid                             |                                                                      |
| Molecular Formula                               | : C18H15ClO5                                                                                    |                                                                      |
| Molecular Weight                                | : 346.8g/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