

## 1. Identification

### Catalogue Number

E521510

### Lot Number

712015389-3-1

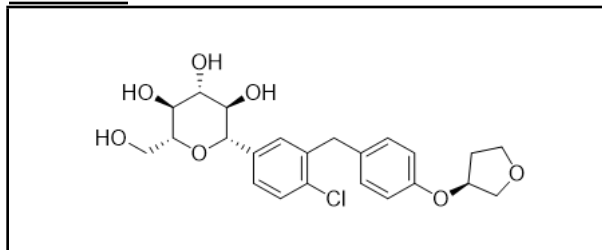
### Product Name

Empagliflozin

### Synonyms

(1S)-1,5-Anhydro-1-C-[4-chloro-3-[[4-[[[(3S)-tetrahydro-3-furanyl]oxy]phenyl]methyl]phenyl]-D-glucitol;

### Structure



### CAS Number

864070-44-0

### Solubility

DMSO (Slightly), Methanol (Very Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>23</sub>H<sub>27</sub>ClO<sub>7</sub>

### Source of Product

N/A

### Long Term Storage Conditions

4°C, Hygroscopic

### Molecular Weight

450.91

### Purity

98%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 61.10, %H: 5.95
HPLC Purity	Report Result	100.00% (205 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+17.0° (c = 0.1, Methanol)

### Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed.  
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			6/5/2024	6/3/2028
Nicole Yip	Toni Rantanen	Sadaf Samadi		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		