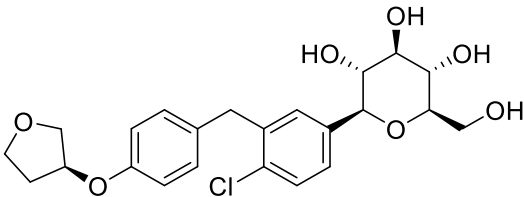




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
314251	Empagliflozin	A8T08K29

Chemical name	
(2S,3R,4R,5S,6R)-2-(4-chloro-3-(4-(((S)-tetrahydrofuran-3-yl)oxy)benzyl)phenyl)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol	
Synonyms	
BI10773; BI-10773; BI 10773; CE0108; CS0940; PB23119; VA10802; AJ93046; Empagliflozin; trade name Jardiance.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314251 Name: Empagliflozin CAS#: 864070-44-0 Lot#: A8T08K29 Chemical Formula: C ₂₃ H ₂₇ ClO ₇ Exact Mass: 450.14453 Molecular Weight: 450.91

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE