

PRODUCT: Empagliflozin

ALTERNATE NAME: (2S,3R,4R,5S,6R)-2-[4-chloro-3-[[4-[(3S)-oxolan-3-yl]oxyphenyl]methyl]phenyl]-6-(hydroxymethyl)oxane-3,4,5-triol; BI-10773

CATALOG #: 2877-10, 50

AMOUNT: 10 mg, 50 mg



MOLECULAR FORMULA: C₂₃H₂₇ClO₇

MOLECULAR WEIGHT: 450.91

CAS NUMBER: 864070-44-0

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (>100 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: Empagliflozin is a potent and selective SGLT-2 (sodium glucose co-transporter-2) inhibitor (IC₅₀ of 3.1 nM); displays >300-fold selectivity over SGLT-1, 4, 5 and 6. Antidiabetic agent.

REFERENCES: Luippold, G., *et al.* (2012). *Diabetes Obes. Metab.* **14**, 601-607.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

CETP Activity Fluorometric Assay Kit (**K601-100**)

CETP Activity Fluorometric Assay Kit II (**K595-100**)

CETP Inhibitor Drug Screening Kit (Fluorometric) (**K602-100**)

CETP Inhibitor Drug Screening Kit II (Fluorometric) (**K594-100**)

Anacetrapib (**Cat. No. 2418-1, 5**)

EZSolution™ Anacetrapib (**Cat. No. 2531-1**)

CETP Antibody (**Cat. No. 3413-100**)

CETP Antibody (**Cat. No. 6606-200**)

CETP, human recombinant (**Cat. No. 7606-20, 100, 1000**)

Dalcetrapib (**Cat. No. 2419-2, 10**)

EZSolution™ Dalcetrapib (**Cat. No. 2532-1**)

Sclerotiorin (**Cat. No. 2334-250, 1000**)

Torcetrapib (**Cat. No. 2420-5, 25**)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**