

## **Empagliflozin (BI 10773)**

Cat. No. CEI-1326

Lot. No. (See product label)

## Introduction

**Description** Empagliflozin (BI 10773) is a selective, potent and dose-dependent inhibitor of

SGLT-2(sodium glucose cotransporter-2) with IC50 values of 3.1 nM, 8300 nM,

11000 nM, 1100 nM and 2000 nM, for SGLT-2,1,4,5 and 6, respectively.

## **Product Information**

*CAS No.* 864070-44-0

Molecular Formula C23H27ClO7

Chemical 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

Molecular Weight 450.91

**Purity** 99.33%

Targets SGLT-2

*IC50* 3.1 nM

**Soluble** in DMSO > 10 mM

## Storage and Shipping Information

**Storage** Store at -20°C

**Shipping Conditions** Evaluation sample solution: ship with blue ice. All other available size: ship with RT,

or blue ice upon request

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