

## 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 IC<sub>50</sub> 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** C<sub>23</sub>H<sub>27</sub>ClO<sub>7</sub>

**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** 0.9933

**Targets** SGLT-2

**IC<sub>50</sub>** 3.1 nM

**Solubility** 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