

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 0.9933

Targets SGLT-2

IC50 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