Creative Enzymes®

Empagliflozin (BI 10773)

Cat. No. CEI-1326

Lot. No. (See product label)

Introduction

Description	Empagliflozin (BI 10773) is a selective, potent and dose-depentent 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
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