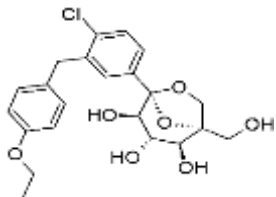


PRODUCT: Ertugliflozin

ALTERNATE NAMES: (1S,2S,3S,4R,5S)-5-(4-Chloro-3-(4-ethoxybenzyl)phenyl)-1-hydroxymethyl-6,8-dioxabicyclo(3.2.1)octane-2,3,4-triol; PF-04971729

CATALOG NUMBER: B1896-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₂H₂₅ClO₇

MOLECULAR WEIGHT: 436.89

CAS NUMBER: 1210344-57-2

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (~ 30 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Ertugliflozin is a potent and selective inhibitor of the sodium-dependent glucose cotransporter 2(SGLT2); increases the excretion of glucose with a 2,000-fold selectivity over SGLT1 (IC₅₀ = 0.877 and 1,960 nM, respectively, for human isoforms *in vitro*).

REFERENCES: Kalgutkar, A.S., *et al.* (2011). *Drug metab. Dispos.* **39**, 1609-1619.

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

RELATED PRODUCTS:

Canagliflozin (**Cat. No. B1597-5,25**)

Dapagliflozin (**Cat. No. 9452-10,50**)

Empagliflozin (**Cat. No. 2877-10,50**)

Ertugliflozin (**Cat. No. B1896-5,25**)

LX-4211 (**Cat. No. 9623-5,25**)

Phlorizin (**Cat. No. 2416-100, 500**)

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