

Ertugliflozin

Catalog No: tcsc0976



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

1210344-57-2

Formula:

$C_{22}H_{25}ClO_7$

Pathway:

Membrane Transporter/Ion Channel

Target:

SGLT

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 46 mg/mL (105.29 mM)

Alternative Names:

PF-04971729

Observed Molecular Weight:

436.88

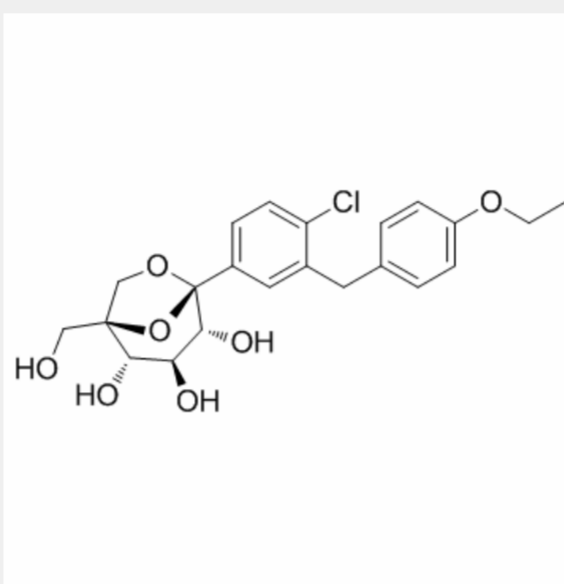
Product Description

Ertugliflozin (PF-04971729) is a potent, selective and orally active inhibitor of the sodium-dependent glucose cotransporter 2 (SGLT2), with an IC₅₀ of 0.877 nM for h-SGLT2^[1]. A drug for the treatment of type 2 diabetes mellitus^[2].

IC50 & Target: IC50: 0.877 nM (h-SGLT2)^[1].

In Vitro: Ertugliflozin (PF-04971729) demonstrates >2000-fold selectivity for SGLT2 inhibition (relative to SGLT1) in vitro^[3].

In Vivo: Ertugliflozin (PF-04971729) reveals a concentration-dependent glucosuria after oral administration to rats^[3].



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