

Canagliflozin (hemihydrate)

Catalog No: tcsc3205



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg

Size: 500mg



Specifications

CAS No:

928672-86-0

Formula:

$C_{24}H_{26}FO_5 \cdot 5S$

Pathway:

Membrane Transporter/Ion Channel

Target:

SGLT

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 100 mg/mL (220.50 mM)

Alternative Names:

JNJ28431754 hemihydrate;TA-7284 hemihydrate

Observed Molecular Weight:

453.52

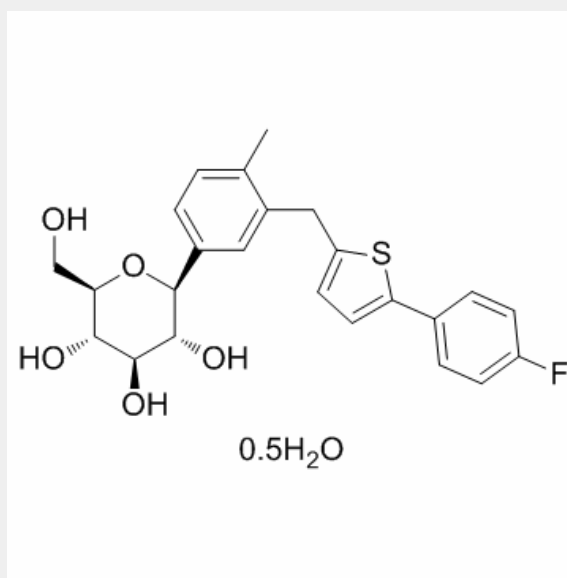
Product Description

Canagliflozin 0.5 H₂O (JNJ 28431754; TA 7284) is a highly potent and selective SGLT2 inhibitor for hSGLT2 with IC₅₀ of 2.2 nM, exhibits 413-fold selectivity over hSGLT1.

IC₅₀ value: 2.2 nM

Target: SGLT2

Canagliflozin (JNJ 24831754ZAE; JNJ 28431754; JNJ 28431754AAA; TA 7284) is an experimental drug being developed by Johnson & Johnson for the treatment of type 2 diabetes. Canagliflozin (JNJ 24831754ZAE; JNJ 28431754; JNJ 28431754AAA; TA 7284) is an inhibitor of subtype 2 sodium-glucose transport protein (SGLT2), which is responsible for at least 90% of the glucose reabsorption in the kidney. Blocking this transporter causes blood glucose to be eliminated through the urine.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!