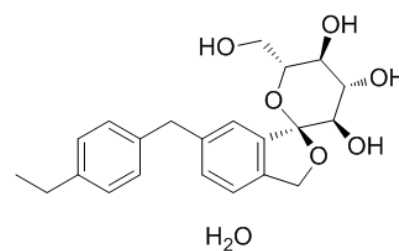


Product Name : Tofogliflozin hydrate
Cat. No. : PC-43518
CAS No. : 1201913-82-7
Molecular Formula : C₂₂H₂₈O₇
Molecular Weight :
Target : SGLT
Solubility : 10 mM in DMSO



Biological Activity

Tofogliflozin (CSG-452) is a potent, highly selective SGLT2 inhibitor with K_i of 2.9, 14.9, and 6.4 nM against human, rat, and mouse SGLT2, respectively; displays high selectivity over human SGLT2 versus human SGLT1, SGLT6, and sodium/myo-inositol transporter 1; increases renal glucose clearance and lowered the blood glucose level in Zucker diabetic fatty rats, also improves postprandial glucose excursion; reduces glycated hemoglobin and improved glucose tolerance in the oral glucose tolerance test in vivo.

Diabetes
Approved

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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