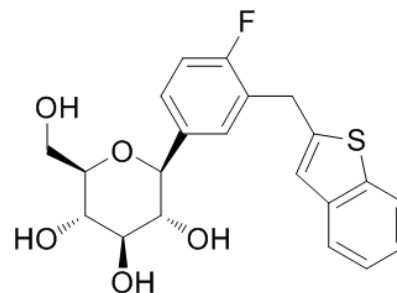


Product Name : Ipragliflozin
Cat. No. : PC-44115
CAS No. : 761423-87-4
Molecular Formula : C₂₁H₂₁FO₅S
Molecular Weight : 404.4518
Target : SGLT
Solubility : 10 mM in DMSO



Biological Activity

A highly potent and selective SGLT2 inhibitor with IC₅₀ of 14 nM for hSGLT2; shows 254-fold selectivity over hSGLT1; reduces blood glucose levels in a dose-dependent manner in diabetic models KK-A(y) mice and STZ rats.

Diabetes
Approved

References

Imamura M, et al. *Bioorg Med Chem*. 2012 May 15;20(10):3263-79.

Tahara A, et al. *J Pharmacol Sci*. 2012;120(1):36-44.

Tahara A, et al. *Eur J Pharmacol*. 2013 Sep 5;715(1-3):246-55.

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

E-mail: tech@probechem.com