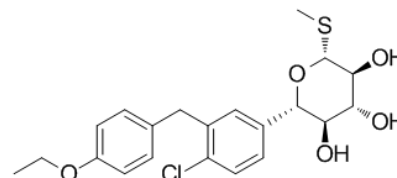


Product Name : LX-4211
Cat. No. : PC-44486
CAS No. : 1018899-04-1
Molecular Formula : C₂₁H₂₅ClO₅S
Molecular Weight : 424.9382
Target : SGLT
Solubility : 10 mM in DMSO



Biological Activity

A potent, selective SGLT2 inhibitor with IC₅₀ of 14 nM for hSGLT2; exhibits excellent selectivity over hSGLT1 (IC₅₀=19 μM); inhibits SGLT2 in vitro and urinary glucose reabsorption in vivo.

Diabetes

Phase 2 Clinical

References

Goodwin NC, et al. J Med Chem. 2009 Oct 22;52(20):6201-4.

Zambrowicz B, et al. Clin Pharmacol Ther. 2012 Aug;92(2):158-69.

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

E-mail: tech@probechem.com