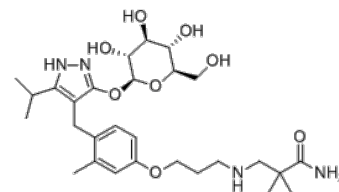


Product Name : Mizagliflozin
Cat. No. : PC-61451
CAS No. : 666843-10-3
Molecular Formula : C₂₈H₄₄N₄O₈
Molecular Weight : 564.68
Target : SGLT
Solubility : 10 mM in DMSO



Biological Activity

Mizagliflozin (DSP-3235, KGA-3235, GSK-1614235) is a potent, selective, orally active **SGLT1** inhibitor with K_i of 27 nM, displays >350-fold selectivity over SGLT2.

Mizagliflozin increases stool frequency and loosens stool consistency in phase I study.

Mizagliflozin increases fecal wet weight in a dog model of loperamide-induced constipation and a rat model of low-fiber-diet-induced constipation, similar to lubiprostone.

References

Inoue T, et al. *Eur J Pharmacol.* 2017 Jul 5;806:25-31.

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

E-mail: tech@probechem.com