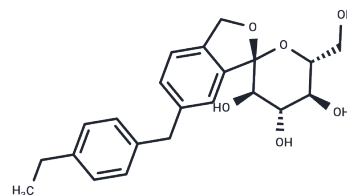


Tofogliflozin

Chemical Properties

CAS No. :	903565-83-3
Formula:	C22H26O6
Molecular Weight:	386.444
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tofogliflozin is a highly specific inhibitor of sodium/glucose cotransporter 2 (SGLT2) (Kis: 2.9, 14.9, and 6.4 nM for human, rat, and mouse SGLT2. IC50s: 2.9/14.9/6.4 nM (human/rat/mouse SGLT2)).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5877 mL	12.9386 mL	25.8772 mL
5 mM	0.5175 mL	2.5877 mL	5.1754 mL
10 mM	0.2588 mL	1.2939 mL	2.5877 mL
50 mM	0.0518 mL	0.2588 mL	0.5175 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Nagata T, et al. Tofogliflozin, a novel sodium-glucose co-transporter 2 inhibitor, improves renal and pancreatic function in db/db mice. Br J Pharmacol. 2013 Oct;170(3):519-31.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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