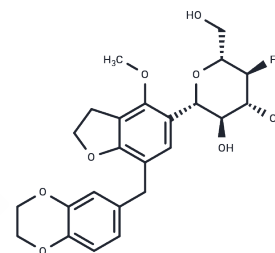


SGLT inhibitor-1

Chemical Properties

CAS No. :	2247314-23-2
Formula:	C ₂₄ H ₂₇ F ₀₈
Molecular Weight:	462.46
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	SGLT inhibitor-1 is a potentsodium glucose co-transporter proteins (SGLTs) dual inhibitor (hSGLT1 and hSGLT2 with IC50s of 43 nM and 9 nM, respectively).
Targets(IC50)	SGLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1623 mL	10.8117 mL	21.6235 mL
5 mM	0.4325 mL	2.1623 mL	4.3247 mL
10 mM	0.2162 mL	1.0812 mL	2.1623 mL
50 mM	0.0432 mL	0.2162 mL	0.4325 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Xu G, et al. Design, synthesis and biological evaluation of (2S,3R,4R,5S,6R)-5-fluoro-6-(hydroxymethyl)-2-aryltetrahydro-2H-pyran-3,4-diols as potent and orally active SGLT dual inhibitors. Bioorg Med Chem Lett. 2018 Nov 15;28(21):3446-3453.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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