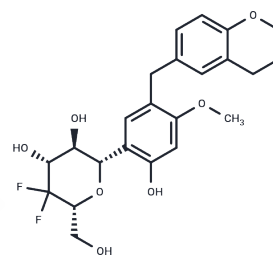


SGLT1/2-IN-2

Chemical Properties

CAS No. :	2387812-73-7
Formula:	C ₂₃ H ₂₆ F ₂ O ₇
Molecular Weight:	452.451
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	SGLT1/2-IN-2 is a chemical compound with robust dual inhibitory properties, exhibiting potent activities against SGLT1 (IC ₅₀ = 96 nM) and SGLT2 (IC ₅₀ = 1.3 nM).
Targets(IC ₅₀)	Others,SGLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2102 mL	11.0509 mL	22.1019 mL
5 mM	0.442 mL	2.2102 mL	4.4204 mL
10 mM	0.221 mL	1.1051 mL	2.2102 mL
50 mM	0.0442 mL	0.221 mL	0.442 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. 5,5-Difluoro- and 5-Fluoro-5-methyl-hexose-based C-Glucosides as potent and orally bioavailable SGLT1 and SGLT2 dual inhibitors. *Bioorg Med Chem Lett.* 2020 Sep 1;30(17):127387.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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