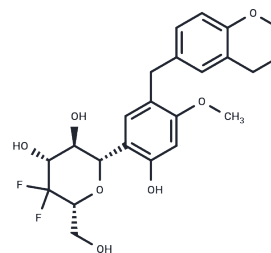


SGLT1/2-IN-2

Chemical Properties

CAS No. : 2387812-73-7
Formula: C₂₃H₂₆F₂O₇
Molecular Weight: 452.451
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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).
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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.

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.

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