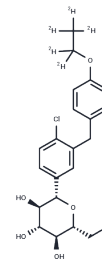


## Dapagliflozin-D5

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1204219-80-6  |
| Formula:          | C <sub>21</sub> H <sub>25</sub> ClO <sub>6</sub>  |
| Molecular Weight: | 413.9   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | Dapagliflozin-D5 is a deuterated form of Dapagliflozin (T2389), a competitive SGLT2 inhibitor. |
| Targets(IC50) | SGLT   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.416 mL  | 12.0802 mL | 24.1604 mL |
| 5 mM  | 0.4832 mL | 2.416 mL   | 4.8321 mL  |
| 10 mM | 0.2416 mL | 1.208 mL   | 2.416 mL   |
| 50 mM | 0.0483 mL | 0.2416 mL  | 0.4832 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

Pedersen MG, et al. Dapagliflozin stimulates glucagon secretion at high glucose: experiments and mathematical simulations of human A-cells. Sci Rep. 2016 Aug 18;6:31214.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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