

## Canagliflozin-d4

## Chemical Properties

CAS No. : 1997338-61-0

Formula: C<sub>24</sub>H<sub>25</sub>F<sub>0</sub>S<sub>5</sub>

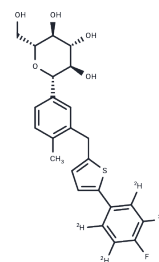
Molecular Weight: 448.54

Storage:

Keep away from direct sunlight, Keep away from moisture

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	Canagliflozin-d4 is a deuterium-labelled canagliflozin marker used for isotope tracing. Canagliflozin is a selective SGLT2 inhibitor indicated for type 2 diabetes.
Targets(IC50)	SGLT

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2295 mL	11.1473 mL	22.2946 mL
5 mM	0.4459 mL	2.2295 mL	4.4589 mL
10 mM	0.2229 mL	1.1147 mL	2.2295 mL
50 mM	0.0446 mL	0.2229 mL	0.4459 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

- Adams KN, et al. Verapamil, and its metabolite norverapamil, inhibit macrophage-induced, bacterial efflux pump-mediated tolerance to multiple anti-tubercular drugs. J Infect Dis. 2014 Aug 1;210(3):456-66.
- Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-216.

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