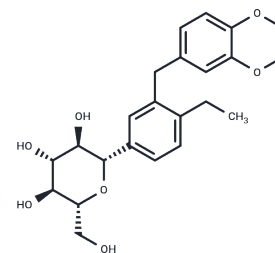


## Licogliflozin

## Chemical Properties

CAS No. :	1291094-73-9
Formula:	C <sub>23</sub> H <sub>28</sub> O <sub>7</sub>
Molecular Weight:	416.46
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	Licogliflozin (LIK066) is an inhibitor of sodium-glucose cotransporter (SGLT1 and SGLT2).
Targets(IC50)	SGLT
In vitro	Licogliflozin is a non-anti-fibrotic treatment compound for non-alcoholic steatohepatitis.

## Solubility Information

Solubility	H <sub>2</sub> O: 2 mg/mL (4.8 mM), Sonication is recommended. DMSO: 100 mg/mL (240.12 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4012 mL	12.006 mL	24.0119 mL
5 mM	0.4802 mL	2.4012 mL	4.8024 mL
10 mM	0.2401 mL	1.2006 mL	2.4012 mL
50 mM	0.048 mL	0.2401 mL	0.4802 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

Monica A. Konerman, et al. Overview of Clinical Treatment Trials for NASH. Curr Hepatol Rep. 2017 Dec;16(4): 366-373.

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