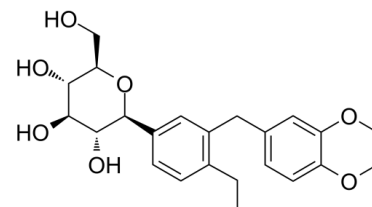


## Data Sheet

<b>Product Name:</b>	Licogliflozin
<b>Cat. No.:</b>	CS-0039387
<b>CAS No.:</b>	1291094-73-9
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>28</sub> O <sub>7</sub>
<b>Molecular Weight:</b>	416.46
<b>Target:</b>	SGLT
<b>Pathway:</b>	Membrane Transporter/Ion Channel
<b>Solubility:</b>	H <sub>2</sub> O : 2 mg/mL (4.80 mM; Need ultrasonic)



### BIOLOGICAL ACTIVITY:

Licogliflozin is a sodium glucose cotransporter (**SGLT1** and **SGLT2**) inhibitor. IC<sub>50</sub> & Target: SGLT1, SGLT2<sup>[1]</sup> **In Vitro:** Licogliflozin (LIK066) is a non-anti-fibrotic treatment agent for non-alcoholic steatohepatitis (NASH).

### References:

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

### CAIndexNames:

D-Glucitol, 1,5-anhydro-1-C-β-[(2,3-dihydro-1,4-benzodioxin-6-yl)methyl]-4-ethylphenyl]-, (1S)-

### SMILES:

O[C@H]1[C@H](C2=CC(CC3=CC=C4C(OCCO4)=C3)=C(CC)C=C2O)[C@H](CO)[C@@H](O)[C@@H]1O

**Caution: Product has not been fully validated for medical applications. For research use only.**

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