

## Product Information

### SGLT inhibitor Luseogliflozin, Purity $\geq 98\%$

**Cat. No.:** X24-07-ZQ393

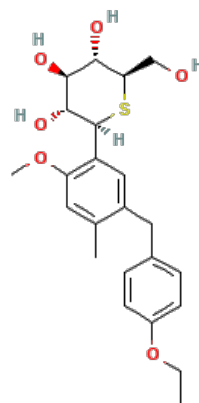
**Size:** 5 mg; 10 mg; 25 mg; 50 mg

**CAS Number:** 898537-18-3

**Compound CID:** 11988953

**Synonym:** 898537-18-3; SGLT inhibitor; TS 071; TS071; TS-71

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

<b>Description</b>	Luseogliflozin is a sodium-glucose cotransporter inhibitor, preventing the kidneys from reabsorbing glucose.
<b>Molecular Weight</b>	434.55
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>30</sub> O <sub>6</sub> S
<b>IUPAC Name</b>	(2S,3R,4R,5S,6R)-2-[5-[(4-ethoxyphenyl)methyl]-2-methoxy-4-methylphenyl]-6-(hydroxymethyl)thiane-3,4,5-triol
<b>InChI</b>	InChI=1S/C23H30O6S/c1-4-29-16-7-5-14(6-8-16)10-15-11-17(18(28-3)9-13(15)2)23-22(27)21(26)20(25)19(12-24)30-23/h5-9,11,19-27H,4,10,12H2,1-3H3/t19-,20-,21+,22-,23+/m1/s1
<b>InChI Key</b>	WHSOLWOTCHFFBK-ZQGJOIPISA-N
<b>Canonical SMILES</b>	CCOC1=CC=C(C=C1)CC2=CC(=C(C=C2C)OC)C3C(C(C(C(S3)CO)O)O)O
<b>Isomeric SMILES</b>	CCOC1=CC=C(C=C1)CC2=CC(=C(C=C2C)OC)[C@H]3[C@@H]([C@H]([C@@H]([C@H](S3)CO)O)O)O
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Applications</b>	Luseogliflozin is an SGLT inhibitor, contributing to research on glucose homeostasis and diabetes treatment.



## Storage

Store at -20°C, and keep desiccated.

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