



Product Information

SGLT inhibitor Luseogliflozin, Purity ≥98%

Cat. No.: X24-07-ZQ393

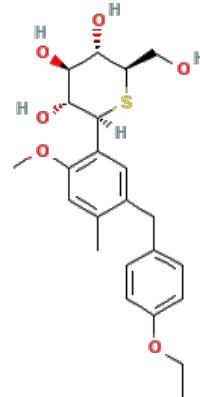
Size: 5 mg; 10 mg; 25 mg; 50 mg

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

Description	Luseogliflozin is a sodium-glucose cotransporter inhibitor, preventing the kidneys from reabsorbing glucose.
Molecular Weight	434.55
Molecular Formula	C ₂₃ H ₃₀ O ₆ S
IUPAC Name	(2S,3R,4R,5S,6R)-2-[5-[(4-ethoxyphenyl)methyl]-2-methoxy-4-methylphenyl]-6-(hydroxymethyl)thiane-3,4,5-triol
InChI	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
InChI Key	WHSOLWOTCHFFBK-ZQGJOIPISA-N
Canonical SMILES	CCOC1=CC=C(C=C1)CC2=CC(=C(C=C2C)OC)C3C(C(C(C(S3)CO)O)O)O
Isomeric SMILES	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
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Luseogliflozin is an SGLT inhibitor, contributing to research on glucose homeostasis and diabetes treatment.



Storage

Store at -20°C, and keep desiccated.
