



Product Information

SGLT inhibitor T-1095, Purity ≥98%

Cat. No.: X24-07-ZQ456

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

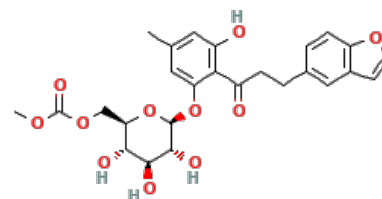
MDL: MFCD28404653

CAS Number: 209746-59-8

Compound CID: 6918410

Synonym: 209746-59-8; SGLT inhibitor; T 1095; T1095

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



Product Information

Description	T-1095 is a sodium-glucose cotransporter inhibitor, preventing the kidneys from reabsorbing glucose.
Molecular Weight	516.49
Molecular Formula	C ₂₆ H ₂₈ O ₁₁
IUPAC Name	[(2R,3S,4S,5R,6S)-6-[2-[3-(1-benzofuran-5-yl)propanoyl]-3-hydroxy-5-methylphenoxy]-3,4,5-trihydroxyoxan-2-yl]methyl methyl carbonate
InChI	InChI=1S/C26H28O11/c1-13-9-17(28)21(16(27)5-3-14-4-6-18-15(11-14)7-8-34-18)19(10-13)36-25-24(31)23(30)22(29)20(37-25)12-35-26(32)33-2/h4,6-11,20,22-25,28-31H,3,5,12H2,1-2H3/t20-,22-,23+,24-,25-/m1/s1
InChI Key	BXNCIERBDJYIQT-PRDVQWLOSA-N
Canonical SMILES	CC1=CC(=C(C(=C1)OC2C(C(C(C(O2)COC(=O)OC)O)O)C(=O)CCC3=CC4=C(C(=C3)OC=C4)O
Isomeric SMILES	CC1=CC(=C(C(=C1)O[C@H]2[C@@H]([C@H]([C@@H]([C@H](O2)COC(=O)OC)O)O)C(=O)CC3=CC4=C(C(=C3)OC=C4)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	T-1095 is an SGLT inhibitor used in diabetes research to explore glucose reabsorption inhibition.



Storage

Store at -20°C, and keep desiccated.
