



Product Information

SGLT inhibitor KGA-2727, Purity ≥98%

Cat. No.: X24-07-ZQ672

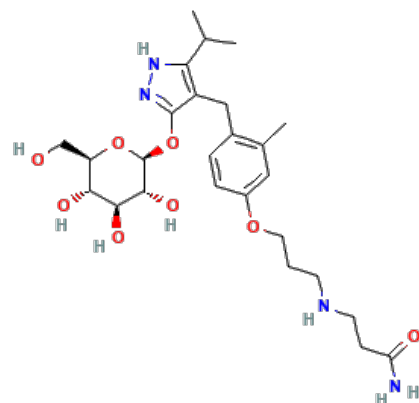
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 666842-36-0

Compound CID: 10052896

Synonym: 666842-36-0; SGLT inhibitor

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



Product Information

Description	KGA-2727 is a sodium-glucose cotransporter inhibitor, preventing the kidneys from reabsorbing glucose.
Molecular Weight	536.62
Molecular Formula	C ₂₆ H ₄₀ N ₄ O ₈
IUPAC Name	3-[3-[3-Methyl-4-[[[5-propan-2-yl-3-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>R</i>)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-1 <i>H</i> -pyrazol-4-yl]methyl]phenoxy]propylamino]propanamide
InChI	InChI=1S/C26H40N4O8/c1-14(2)21-18(25(30-29-21)38-26-24(35)23(34)22(33)19(13-31)37-26)12-16-5-6-17(11-15(16)3)36-10-4-8-28-9-7-20(27)32/h5-6,11,14,19,22-24,26,28,31,33-35H,4,7-10,12-13H2,1-3H3,(H2,27,32)(H,29,30)/t19-,22-,23+,24-,26+/m1/s1
InChI Key	MDBARDSTXONTFS-MNDUUMEHSA-N
Canonical SMILES	CC1=C(C=CC(=C1)OCCCNCCC(=O)N)CC2=C(NN=C2OC3C(C(C(C(O3)CO)O)O)O)C(C)C
Isomeric SMILES	CC1=C(C=CC(=C1)OCCCNCCC(=O)N)CC2=C(NN=C2O[C@H]3[C@@H]([C@H]([C@@H]([C@H](O3)CO)O)O)O)C(C)C
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	KGA-2727 is studied for its role in modulating glucose levels through SGLT inhibition, relevant to



metabolic disorder treatments.

Storage

Store at -20°C, and keep desiccated.
