



Product Information

SGLT inhibitor Remogliflozin, Purity ≥98%

Cat. No.: X24-07-ZQ416

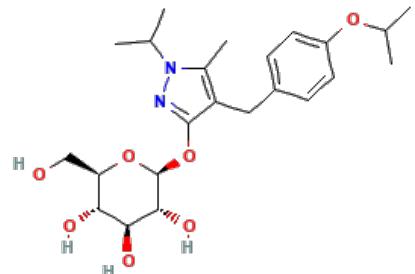
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 329045-45-6

Compound CID: 9846588

Synonym: 329045-45-6; SGLT inhibitor; GSK 189074

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



Product Information

Description	Remogliflozin is a sodium-glucose cotransporter inhibitor, preventing the kidneys from reabsorbing glucose.
Molecular Weight	450.53
Molecular Formula	C ₂₃ H ₃₄ N ₂ O ₇
IUPAC Name	(2 <i>R</i> ,3 <i>S</i> ,4 <i>S</i> ,5 <i>R</i> ,6 <i>S</i>)-2-(hydroxymethyl)-6-[5-methyl-1-propan-2-yl-4-[(4-propan-2-yloxyphenyl)methyl]pyrazol-3-yl]oxyxane-3,4,5-triol
InChI	InChI=1S/C23H34N2O7/c1-12(2)25-14(5)17(10-15-6-8-16(9-7-15)30-13(3)4)22(24-25)32-23-21(29)20(28)19(27)18(11-26)31-23/h6-9,12-13,18-21,23,26-29H,10-11H2,1-5H3/t18-,19-,20+,21-,23+/m1/s1
InChI Key	GSINGUMRKGRYJP-VZWAGXQNSA-N
Canonical SMILES	CC1=C(C(=NN1C(C)C)OC2C(C(C(C(O2)CO)O)O)O)CC3=CC=C(C=C3)OC(C)C
Isomeric SMILES	CC1=C(C(=NN1C(C)C)O[C@H]2[C@@H]([C@H]([C@@H]([C@H](O2)CO)O)O)O)CC3=CC=C(C=C3)OC(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	Remogliflozin is an SGLT inhibitor relevant in diabetes research for its role in glucose homeostasis.



Storage

Store at -20°C, and keep desiccated.
