



## Product Information

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

**Cat. No.:** X24-07-ZQ416

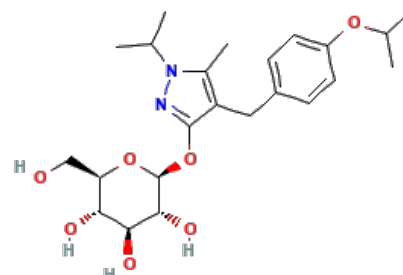
**Size:** 5 mg; 10 mg; 25 mg; 50 mg

**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

<b>Description</b>	Remogliflozin is a sodium-glucose cotransporter inhibitor, preventing the kidneys from reabsorbing glucose.
<b>Molecular Weight</b>	450.53
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>34</sub> N <sub>2</sub> O <sub>7</sub>
<b>IUPAC Name</b>	(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]oxyoxane-3,4,5-triol
<b>InChI</b>	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
<b>InChI Key</b>	GSINGUMRKGRYJP-VZWAGXQNSA-N
<b>Canonical SMILES</b>	CC1=C(C(=NN1C(C)C)OC2C(C(C(C(O2)CO)O)O)O)CC3=CC=C(C=C3)OC(C)C
<b>Isomeric SMILES</b>	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
<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>	Remogliflozin is an SGLT inhibitor relevant in diabetes research for its role in glucose homeostasis.



## Storage

Store at -20°C, and keep desiccated.

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