



Product Information

SGLT inhibitor SGL5213, Purity ≥98%

Cat. No.: X24-07-ZQ552

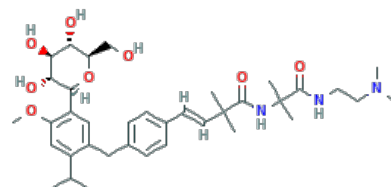
Size: 5 mg; 10 mg; 50 mg

CAS Number: 1240305-17-2

Compound CID: 46897566

Synonym: 1240305-17-2; SGLT inhibitor; SGL 5213; SGL-5213

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



Product Information

Description	SGL5213 is a sodium-glucose cotransporter inhibitor, preventing the kidneys from reabsorbing glucose.
Molecular Weight	669.85
Molecular Formula	C ₃₇ H ₅₅ N ₃ O ₈
IUPAC Name	(E)-N- -[1-[2-(di methylami no)ethylamino]-2-me thyl-1-oxopropan-2-yl]-4-[4-[[4-methoxy-2 -propan-2-yl-5-[(2S,3R,4R,5S,6R)3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]phenyl]methyl]phenyl]-2,2-dimethylbut-3-enamide
InChI	InChI=1S/C37H55N3O8/c1-22(2)26-20-28(47-9)27(33-32(44)31(43)30(42)29(21-41)48-33)19-25(26))18-24-12-10-23(11-13-24)14-15-36(3,4)34(45)39-37(5,6)35(46)38-16-17-40(7)8/h10-15,19-20,22,2 9-33,41-44H,16-18,21H2,1-9H3,(H,38,46)(H,39,45)/b15-14+/t29-,30-,31+,32-,33+/m1/s1
InChI Key	MUBBPBZRFJGZEU-XSPPBVGUSA-N
Canonical SMILES	CC(C)C1=CC(=C(C=C1CC2=CC=C(C=C2)C=CC(C)(C)C(=O)NC(C)(C)C(=O)NCCN(C)C)C3C(C(C(C (O3)CO)O)O)OC
Isomeric SMILES	CC(C)C1=CC(=C(C=C1CC2=CC=C(C=C2)/C=C/C(C)(C)C(=O)NC(C)(C)C(=O)NCCN(C)C)[C@H]3[C C@@H]([C@H]([C@@H]([C@H](O3)CO)O)O)OC
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	SGL5213 is an SGLT inhibitor used in metabolic research focusing on glucose transport and diabetes management.
Storage	Store at -20°C, and keep desiccated.