



Product Information

SGLT inhibitor Mizagliflozin, Purity ≥98%

Cat. No.: X24-07-ZQ670

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

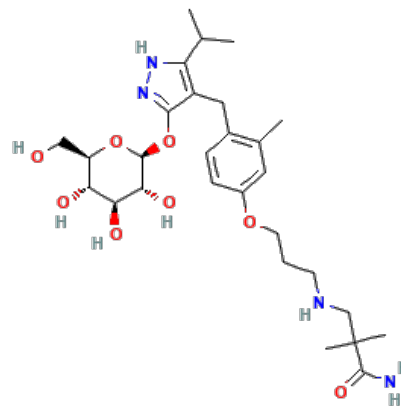
CAS Number: 666843-10-3

Compound CID: 10460535

Synonym: 666843-10-3; SGLT inhibitor; DSP-3235 free base; KGA-3235 free base;

GSK-1614235 free base

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



Product Information

Description	Mizagliflozin is a sodium-glucose cotransporter inhibitor, preventing the kidneys from reabsorbing glucose.
Molecular Weight	564.67
Molecular Formula	C ₂₈ H ₄₄ N ₄ O ₈
IUPAC Name	2,2-Dimethyl-3-[3-[3-methyl-4-[[5-propan-2-yl-3-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]ox y-1H-pyrazol-4-yl]methyl]phenoxy]propylamino]propanamide
InChI	InChI=1S/C28H44N4O8/c1-15(2)21-19(25(32-31-21)40-26-24(36)23(35)22(34)20(13-33)39-26)12-17-7-8-18(11-16(17)3)38-10-6-9-30-14-28(4,5)27(29)37/h7-8,11,15,20,22-24,26,30,33-36H,6,9-10,12-14H2,1-5H3,(H2,29,37)(H,31,32)/t20-,22-,23+,24-,26+/m1/s1
InChI Key	LREHMKLEOJAVMQ-TXKDOCKMSA-N
Canonical SMILES	CC1=C(C=CC(=C1)OCCCNCC(C)(C)C(=O)N)CC2=C(NN=C2OC3C(C(C(C(O3)CO)O)O)O)C(C)C
Isomeric SMILES	CC1=C(C=CC(=C1)OCCCNCC(C)(C)C(=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	Mizagliflozin aims to study glucose reabsorption mechanisms linked to diabetes via sodium-glucose



co-transporter inhibition.

Storage

Store at -20°C, and keep desiccated.
