



Product Information

SGLT inhibitor Ertugliflozin L-pyroglutamic acid, Purity ≥98%

Cat. No.: X24-07-ZQ537

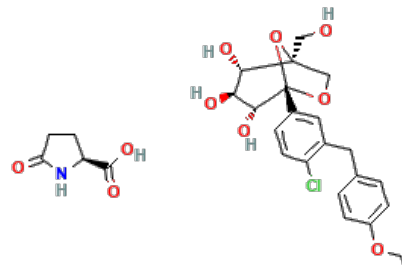
Size: 5 mg; 10 mg; 50 mg

CAS Number: 1210344-83-4

Compound CID: 57339449

Synonym: 1210344-83-4; SGLT inhibitor; Ertugliflozin pidolate; Ertugliflozin L-pyroglutamic acid

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



Product Information

Description	Ertugliflozin L-pyroglutamic acid is a sodium-glucose cotransporter inhibitor, preventing the kidneys from reabsorbing glucose.
Molecular Weight	566
Molecular Formula	C ₂₇ H ₃₂ ClNO ₁₀
IUPAC Name	(1S,2S,3S,4R,5S)-5-[4-chloro-3-[(4-ethoxyphenyl)methyl]phenyl]-1-(hydroxymethyl)-6,8-dioxabicyclo[3.2.1]octane-2,3,4-triol;(2S)-5-oxopyrrolidine-2-carboxylic acid
InChI	InChI=1S/C22H25ClO7.C5H7NO3/c1-2-28-16-6-3-13(4-7-16)9-14-10-15(5-8-17(14)23)22-20(27)18(25)19(26)21(11-24,30-22)12-29-22;7-4-2-1-3(6-4)5(8)9/h3-8,10,18-20,24-27H,2,9,11-12H2,1H3;3H,1-2H2,(H,6,7)(H,8,9)/t18-,19-,20+,21-,22-;3-/m00/s1
InChI Key	YHIUPZFKHZTLSH-LXYIGGQGSA-N
Canonical SMILES	CCOC1=CC=C(C=C1)CC2=C(C=CC(=C2)C34C(C(C(C(O3)(CO4)CO)O)O)O)Cl.C1CC(=O)NC1C(=O)O
Isomeric SMILES	CCOC1=CC=C(C=C1)CC2=C(C=CC(=C2)[C@@]34[C@@H]([C@H]([C@@H]([C@@](O3)(CO4)CO)O)O)O)Cl.C1CC(=O)N[C@@H]1C(=O)O
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

Ertugliflozin L-pyrogutamic acid is an SGLT inhibitor used in diabetes research to evaluate its potential in glucose regulation.

Storage

Store at -20°C, and keep desiccated.
