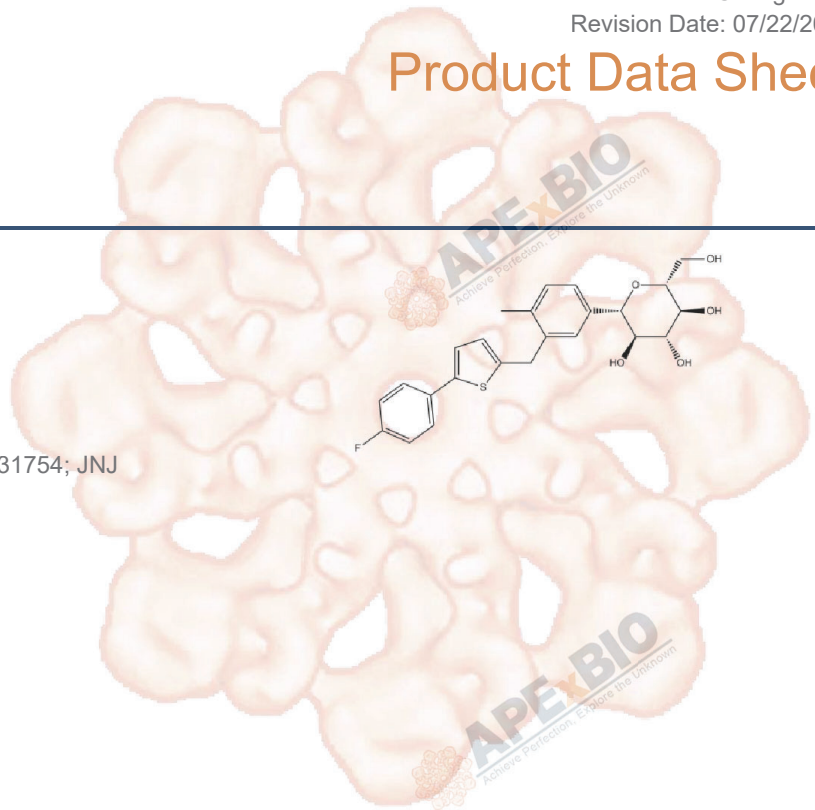


Product Data Sheet

Canagliflozin

Cat. No.:	A8333
CAS No.:	842133-18-0
Formula:	C ₂₄ H ₂₅ FO ₅ S
M.Wt:	444.52
Synonyms:	JNJ 24831754ZAE; JNJ 28431754; JNJ 28431754AAA; TA 7284
Target:	Metabolism
Pathway:	SGLT
Storage:	Store at -20°C



Solvent & Solubility

≥22.25 mg/mL in DMSO; insoluble in H₂O; ≥49.5 mg/mL in EtOH

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	2.2496 mL	11.2481 mL	22.4962 mL
		5 mM	0.4499 mL	2.2496 mL	4.4992 mL
		10 mM	0.2250 mL	1.1248 mL	2.2496 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary	SGLT2 inhibitor, potent and selective
IC ₅₀ & Target	4.4 nM (hSGLT2), 3.7 nM (rSGLT2), 2 nM (mSGLT2)
In Vitro	Cell Viability Assay
	Preparation method:
In Vivo	Animal experiment
	Applications:

Product Citations

1. Bahia Abbas Moussa, Marianne Alphonse Mahrouse, et al. "Different resolution techniques for management of overlapped spectra: Application for the determination of novel co-formulated hypoglycemic drugs in their combined pharmaceutical dosage form." Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy Available online 20 June 2018.

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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