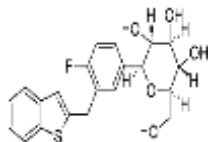


PRODUCT: Ipragliflozin**ALTERNATE NAMES:** (2S,3R,4R,5S,6R)-2-[3-(1-benzothiophen-2-ylmethyl)-4-fluorophenyl]-6-(hydroxymethyl)oxane-3,4,5-triol**CATALOG NUMBER:** B1926-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₁H₂₁FO₅S**MOLECULAR WEIGHT:** 404.45**CAS NUMBER:** 761423-87-4**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~ 30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** Ipragliflozin is a potent inhibitor of sodium-glucose cotransporter 2 (SGLT2; IC₅₀ = 7.4 nM for human SGLT2 *in vitro*) that increases excretion of glucose. Ipragliflozin is found to promote preferential loss of fat mass in a rat model of non-obese type 2 diabetes mellitus (T2DM).**REFERENCES:** Imamura, M., *et al.* (2012). *Bioorg. Med. Chem.* **20**, 3263-3279.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Bexagliflozin (Cat. No. B1929-5,25)

Canagliflozin (Cat. No. B1597-5,25)

Dapagliflozin (Cat. No. 9452-10,50)

DiscoveryPak™ SGLT-2 Inhibitors Set (Cat. No. S235-4)

Empagliflozin (Cat. No. 2877-10,50)

Ertugliflozin (Cat. No. B1896-5,25)

Ipragliflozin (Cat. No. B1926-5,25)

LX-4211 (Cat. No. 9623-5,25)

Phlorizin (Cat. No. 2416-100, 500)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**