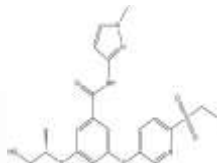


PRODUCT: MK-0941**ALTERNATE NAME:** 3-(6-ethanesulfonylpyridin-3-yloxy)-5-((S)-2-hydroxy-1-methylethoxy)-N-(1-methyl-1H-pyrazol-3-yl) benzamide**CATALOG #:** B1207-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₁H₂₄N₄O₆S**MOLECULAR WEIGHT:** 460.5**CAS NUMBER:** 1137916-97-2**APPEARANCE:** Crystalline Solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** MK-0941 is selective, allosteric glucokinase activator (GKA) that activates glucokinase (hexokinase subtype IV) with greater selectivity than over different hexokinase isoforms. MK-0941 shows decrease in mean fasting plasma glucose in healthy participants by 30 mg/dL. It displays greater effect in type 2 diabetic patients by lowering the fasting plasma glucose by 100 mg/dL.**REFERENCES:** Meininger G. E. *et.al.* (2011). *Diabetes Care*, **34**, 2560-2566**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Glucokinase, Human Liver, recombinant (**7776**)
Glucokinase, Human pancreatic, recombinant (**7777**)
GCK (Glucokinase) Antibody (**3153**)
GCK (Glucokinase) Antibody (**3154**)
LY2608204 (**2824**)
Recombinant E. coli, Glucokinase (**P1054**)

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