**PRODUCT:** Vonoprazan fumarate

**ALTERNATE NAME:** 1-(5-(2-fluorophenyl)-1-(pyridin-3-ylsulfonyl)-1H-pyrrol-3-yl)-N-methylmethanamine fumarate; TAK-438

**CATALOG #:** B2292-50, 250

**AMOUNT:** 50 mg, 250 mg

**MOLECULAR FORMULA:** C_{17}H_{16}FN_{3}O_{2}S • C_{4}H_{4}O_{4}

**MOLECULAR WEIGHT:** 461.5

**CAS NUMBER:** 1260141-27-2

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20°C. Protect from air and light

**DESCRIPTION:** Vonoprazan fumarate is a Potassium-competitive acid blocker (P-CAB) that inhibits gastric H⁺/K⁺ ATPase (IC\textsubscript{50} = 17 nM) but does not inhibit porcine Na⁺/K⁺ ATPase activity when used at a concentration of 10 µM.


**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

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

**RELATED PRODUCTS:**
- Bafilomycin A1 (Cat. No. 1829-50, 250)
- (+)-Blebbistatin (Cat. No. 2407-1, 5)
- (±)-Blebbistatin (Cat. No. 2405-5, 25)
- (-)-Blebbistatin (Cat. No. 2406-1, 5)
-Bufalin (Cat. No. 2509-10, 50)
-Concanamycin A (Cat. No. B2091-25,100)
-Ouabain (Cat. No. B2068-10, 50)
-Vonoprazan fumarate (B2292-5,25)

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