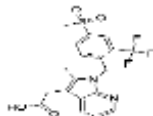


PRODUCT: Fevipiprant

ALTERNATE NAME: 2-(2-methyl-1-(4-(methylsulfonyl)-2-(trifluoromethyl)benzyl)-1H-pyrrolo[2,3-b]pyridin-3-yl)acetic acid; NVP-QAW039; QAW039

CATALOG #: B1588-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₉H₁₇F₃N₂O₄S

MOLECULAR WEIGHT: 426.41

CAS NUMBER: 872365-14-5

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: Fevipiprant is a prostaglandin D₂ (PGD₂) receptor antagonist with a K_d value of 1.14 nM for CRTH2/DP₂. It has been shown to inhibit PGD₂-stimulated human eosinophil shape change in whole blood assays (IC₅₀ = 0.44 nM) and to inhibit PGD₂-induced cytokine release in human Th2 cells (IC₅₀s = 2.56 and 1.4 nM for IL-5 and IL-13, respectively). This compound has undergone testing in a phase II clinical study in uncontrolled allergic asthma.

REFERENCES: Sykes, D.A., *et al.* (2016). *Mol. Pharmacol.* **89**, 593-605.

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

RELATED PRODUCTS:

Anti-CRTH2 Antibody (**A1064**)

COX-2 Inhibitor Screening Kit (**K547**)

COX-1 Inhibitor Screening Kit (**K548**)

Prostaglandin E2 (**2268**)

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