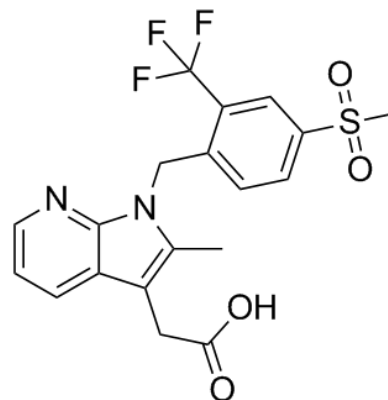


**Product Name** : Fevipiprant  
**Cat. No.** : PC-45075  
**CAS No.** : 872365-14-5  
**Molecular Formula** : C<sub>19</sub>H<sub>17</sub>F<sub>3</sub>N<sub>2</sub>O<sub>4</sub>S  
**Molecular Weight** : 426.4095  
**Target** : Prostaglandin Receptor  
**Solubility** : DMSO: ≥ 32 mg/mL



### Biological Activity

Fevipiprant (NVP-QAW039, QAW-039) is a potent, selective, slowly dissociating **CRTh2** antagonist with K<sub>d</sub> of 1.14 nM. NVP-QAW039 shows a half-life of 14.4 minutes, >7-fold slower than AZD-1981.

NVP-QAW039 inhibits PGD<sub>2</sub>-stimulated human eosinophil shape change, retains its potency in the whole-blood shape-change assay relative to the isolated shape change assays.

NVP-QAW039 also is a potent inhibitor of PGD<sub>2</sub>-induced cytokine release in human Th2 cells.

### References

Sykes DA, et al. *Mol Pharmacol*. 2016 May;89(5):593-605.

Sandham DA, et al. *ACS Med Chem Lett*. 2017 Apr 25;8(5):582-586.

Bateman ED, et al. *Eur Respir J*. 2017 Aug 24;50(2). pii: 1700670.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com