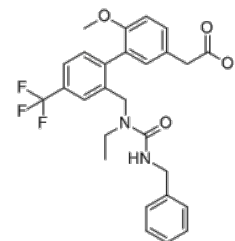


**Product Name** : AM211  
**Cat. No.** : PC-60673  
**CAS No.** : 1175526-27-8  
**Molecular Formula** : C<sub>27</sub>H<sub>27</sub>F<sub>3</sub>N<sub>2</sub>O<sub>4</sub>  
**Molecular Weight** : 500.518  
**Target** : Prostaglandin Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

AM211 (AM-211) is a potent, selective and orally bioavailable **prostaglandin D<sub>2</sub> receptor type 2 (DP<sub>2</sub>)** antagonist with IC<sub>50</sub> of 4.9 nM for human DP<sub>2</sub>.

AM211 inhibits radiolabeled PGD<sub>2</sub> binding to mouse, guinea pig, and rat DP<sub>2</sub> with IC<sub>50</sub> values of 7.8, 4.9, and 10.4 nM, respectively, shows no activity for human TP, IP, DP<sub>1</sub>, and FP.

AM211 potently antagonizes PGD<sub>2</sub>-stimulated functional responses in relevant human cells, and demonstrates efficacy in animal models of allergic inflammation.

## References

Bain G, et al. *J Pharmacol Exp Ther.* 2011 Jul;338(1):290-301.

Bain G, et al. *J Clin Pharmacol.* 2012 Oct;52(10):1482-93.

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

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