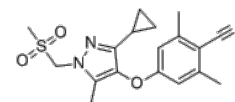


**Product Name** : PF-02413873  
**Cat. No.** : PC-61896  
**CAS No.** : 936345-35-6  
**Molecular Formula** : C<sub>18</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>S  
**Molecular Weight** : 359.44  
**Target** : Progesterone Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

PF-02413873 (PF-2413873) is a potent, selective, fully competitive, and orally active **progesterone receptor** (PR) antagonist with K<sub>i</sub> of 9.7 nM.

PF-02413873 displays >30-fold selectivity over other homologous nuclear hormone receptors, GR, AR, and MR.

PF-02413873 blocks the follicular phase increase in endometrial thickness, the midcycle lutenizing hormone surge, and elevation in estradiol in a dose-dependent fashion compared with placebo in clinical trials.

## References

Bungay PJ, et al. *Drug Metab Dispos.* 2011 Aug;39(8):1396-405.

Howe DC, et al. *J Pharmacol Exp Ther.* 2011 Nov;339(2):642-53.

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

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