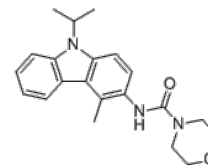


**Product Name** : NPY5RA-972  
**Cat. No.** : PC-38604  
**CAS No.** : 439861-56-0  
**Molecular Formula** : C<sub>21</sub>H<sub>25</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 351.44  
**Target** : Neuropeptide Y Receptor  
**Solubility** : 10 mM in DMSO



### Biological Activity

NPY5RA-972 is a potent, highly selective, orally active, and CNS-penetrant neuropeptide Y5 receptor (**NPY5**) antagonist with IC<sub>50</sub> of 3.1 nM, highly selective with respect to Y1, Y2, and Y4 receptors.

NPY5RA-972 is a highly potent Y5 antagonist in vivo, but chronic administration of NPY5RA-972 (10 mg/kg twice daily) had no effect on food intake or body weight in either free-feeding Wistar rats or dietary obese rats..

### References

Michael H Block, et al. *J Med Chem*. 2002 Aug 1;45(16):3509-23.

Turnbull AV, et al. *Diabetes*. 2002 Aug;51(8):2441-9.

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

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