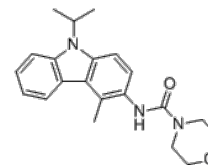


Product Name : NPY5RA-972
Cat. No. : PC-38604
CAS No. : 439861-56-0
Molecular Formula : C₂₁H₂₅N₃O₂
Molecular Weight : 351.44
Target : Neuropeptide Y Receptor
Solubility : 10 mM in DMSO



Biological Activity

NPY5RA-972 is a potent, highly selective, orally active, and CNS-penetrant neuropeptide Y5 receptor (NPY5) antagonist with IC₅₀ 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!

E-mail: tech@probechem.com