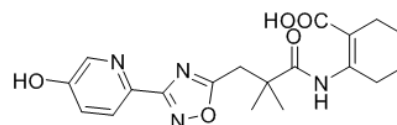


**Product Name** : MK-6892  
**Cat. No.** : PC-42694  
**CAS No.** : 917910-45-3  
**Molecular Formula** : C<sub>19</sub>H<sub>22</sub>N<sub>4</sub>O<sub>5</sub>  
**Molecular Weight** : 386.4018  
**Target** : GPR109A (Niacin Receptor 1)  
**Solubility** : 10 mM in DMSO



## Biological Activity

MK-6892 is a potent and selective high affinity **niacin receptor (GPR109A)** full agonist with  $K_i$  of 4.0 nM,  $EC_{50}$  of 16 nM in GTP $\gamma$ S assay.

MK-6892 has no activity on closely related GPCRs GPR109B and GPR81.

MK-6892 displays good PK across species, remarkably clean off-target profiles, and superior therapeutic window over niacin regarding the FFA reduction versus vasodilation in rats and dogs.

## References

Shen HC, et al. *J Med Chem.* 2010 Mar 25;53(6):2666-70.

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

E-mail: tech@probechem.com