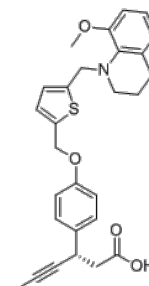


**Product Name** : LY2922470  
**Cat. No.** : PC-60236  
**CAS No.** : 1423018-12-5  
**Molecular Formula** : C<sub>28</sub>H<sub>29</sub>NO<sub>4</sub>S  
**Molecular Weight** : 475.603  
**Target** : Free Fatty Acid Receptor (FFAR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

LY2922470 (LY-2922470) is a potent, selective, orally available **GPR40** agonist with EC<sub>50</sub> of 7 nM.

LY2922470 displays no activity against PPAR $\alpha$ / $\beta$ / $\gamma$  (>10  $\mu$ M).

LY2922470 demonstrates potent, efficacious, and durable dose-dependent reductions in glucose levels along with significant increases in insulin and GLP-1 secretion in vivo.

## References

Hamdouchi C, et al. *J Med Chem.* 2016 Dec 22;59(24):10891-10916.

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

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