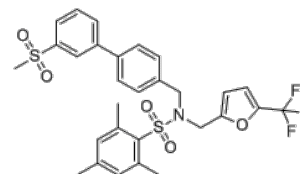


**Product Name** : GSK-2033  
**Cat. No.** : PC-63084  
**CAS No.** : 1221277-90-2  
**Molecular Formula** : C<sub>29</sub>H<sub>28</sub>F<sub>3</sub>NO<sub>5</sub>S  
**Molecular Weight** : 591.66  
**Target** : Liver X Receptor (LXR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

GSK-2033 (GSK2033) is the first potent, cell-active **LXR** antagonist with binding pIC<sub>50</sub> of 7.0/7.5 for LXR $\alpha$ /LXR $\beta$ , respectively. GSK-2033 suppresses GC-induced gluconeogenic gene expression without affecting immune-responsive GR target genes. GSK-2033 displays unexpected activity in the mouse NAFLD model.

## References

- Zuercher WJ, et al. *J Med Chem*. 2010 Apr 22;53(8):3412-6.  
Griffett K, et al. *Biochem Biophys Res Commun*. 2016 Oct 21;479(3):424-428.  
Patel R, et al. *Endocrinology*. 2017 Apr 1;158(4):1034-1047.

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

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