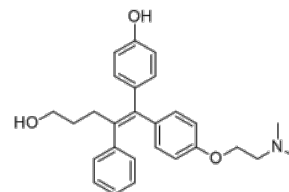


**Product Name** : GSK5182  
**Cat. No.** : PC-72965  
**CAS No.** : 877387-37-6  
**Molecular Formula** : C<sub>27</sub>H<sub>31</sub>NO<sub>3</sub>  
**Molecular Weight** : 417.549  
**Target** : Estrogen Receptor/ERR  
**Solubility** : 100 mM in DMSO (41.7 mg/mL)



### Biological Activity

GSK5182 (GSK-5182) is a highly selective and orally active inverse agonist of estrogen-related receptor  $\gamma$  (**ERR $\gamma$** ) with IC<sub>50</sub> of 79 nM.

GSK5182 displays little to no activities against other nuclear receptors, including ERR $\alpha$  or ER $\alpha$ .

### References

Kim DK, et al. *J Biol Chem*. 2011 Nov 4;286(44):38035-38042.

Zhang Y, et al. *Biochem J*. 2015 Sep 1;470(2):181-93.

Xie YB, et al. *J Biol Chem*. 2009 Oct 16;284(42):28762-74.

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

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