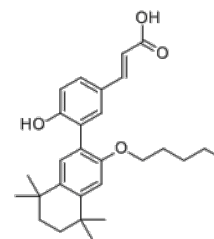


**Product Name** : UVI-3003  
**Cat. No.** : PC-70298  
**CAS No.** : 847239-17-2  
**Molecular Formula** : C<sub>28</sub>H<sub>36</sub>O<sub>4</sub>  
**Molecular Weight** : 436.6  
**Target** : RAR/RXR  
**Solubility** : 10 mM in DMSO



## Biological Activity

UVI-3003 (UVI 3003) is a full antagonist of **RXR** that demonstrates potent, nanomolar binding affinity, inhibits xenopus and human RXR $\alpha$  in Cos7 cells with IC<sub>50</sub> of 0.22 and 0.24  $\mu$ M, respectively.

UVI-3003 does not affect the corepressor interaction capacity of the RAR $\alpha$  subunit in the RAR-RXR heterodimer configuration.

## References

Habchi J, et al. *Proc Natl Acad Sci U S A*. 2017 Jan 10;114(2):E200-E208.

Nahoum V, et al. *Proc Natl Acad Sci U S A*. 2007 Oct 30;104(44):17323-8.

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

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