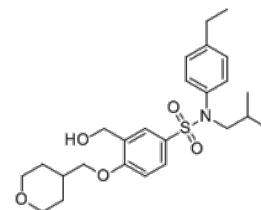


**Product Name** : GSK 2981278  
**Cat. No.** : PC-60455  
**CAS No.** : 1474110-21-8  
**Molecular Formula** : C<sub>25</sub>H<sub>35</sub>NO<sub>5</sub>S  
**Molecular Weight** : 461.617  
**Target** : ROR  
**Solubility** : 10 mM in DMSO



## Biological Activity

GSK 2981278 (GSK2981278) is a potent, highly selective **ROR $\gamma$ /ROR $\gamma$ t** inhibitor that potently inhibits IL-17A and IL-22 protein secretion in human peripheral T cell with IC<sub>50</sub> of 3.2 nM.

GSK 2981278 shows no effects on ROR $\alpha$ -dependent activation.

GSK 2981278 robustly inhibits ROR $\gamma$ -mediated cytokine production at both the mRNA and protein level, inhibits ROR $\gamma$ t-mediated transactivation; attenuates inflammation in mouse model of psoriasis.

## References

Kang EG, et al. *Br J Dermatol*. 2017 Nov 18. doi: 10.1111/bjd.16131.

Smith SH, et al. *PLoS One*. 2016 Feb 12;11(2):e0147979.

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

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