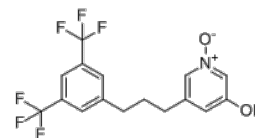


**Product Name** : OX04528  
**Cat. No.** : PC-21647  
**CAS No.** : 3028055-45-7  
**Molecular Formula** : C<sub>16</sub>H<sub>13</sub>F<sub>6</sub>NO<sub>2</sub>  
**Molecular Weight** : 365.28  
**Target** : GPR84  
**Solubility** : 10 mM in DMSO



## Biological Activity

OX04528 is a highly potent, selective, G-protein pathway biased and orally bioavailable **GPR84** agonist with EC<sub>50</sub> of 5.98 pM for inhibition of FSK (25 uM)-induced cAMP production in CHO-hGPR84 cells.

OX04528 does not show β-arrestin-2 recruitment activity in CHO-β-arrestin-hGPR84 cells (EC<sub>50</sub>>80 uM).

OX04528 also displays no activity at FFA1, FFA4, and CB2.

OX04528 does not show evidence of cytotoxicity after a 20 h incubation up to 30 uM in CHO-hGPR84 cells and CHO-K1 cells.

## References

Pinqi Wang, et al. *J Med Chem.* 2023 Dec 26. doi: 10.1021/acs.jmedchem.3c00951.

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

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