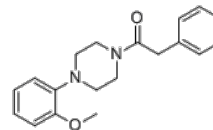


**Product Name** : PTGR2 inhibitor 22  
**Cat. No.** : PC-62692  
**CAS No.** : 349093-44-3  
**Molecular Formula** : C<sub>19</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 310.397  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

PTGR2-IN-22 (PTGR2 inhibitor 22) is a potent **PTGR2** (prostaglandin reductase 2) ligand that inhibits **15-keto-PGE2 reductase** activity with IC<sub>50</sub> of 0.55 uM in HEK293T cells.

PTGR2-IN-22 also produces a concentration-dependent rescue of 15-keto-PGE2-dependent PPAR $\gamma$  transcriptional activity in cells recombinantly expressing PTGR2.

## References

Parker CG, et al. *Cell*. 2017 Jan 26;168(3):527-541.e29.

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

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