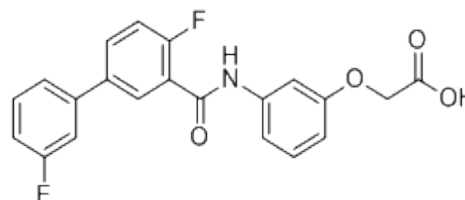


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

**Product Name** : PGN-9856  
**Cat.No.** : URK-V2340  
**CAS No.** : 863704-91-0  
**Molecular Formula** :  $C_{21}H_{15}F_2NO_4$   
**Molecular Weight** : 383.351  
**Target** :  
**Solubility** :



### Biological Activity

PGN-9856 (PGN9856) is a novel potent, selective prostaglandin EP2 receptor agonist with  $pK_i$  of  $> 8.3$ , shows high selectivity over EP1, EP3, EP4, DP, FP, IP and TP receptors; displays a potency ( $pEC_{50} > 8.5$ ) and a maximal response (increase in cAMP) comparable to that of the endogenous agonist PGE2 in cells over-expressing human recombinant EP2 receptors; exhibited tocolytic, anti-inflammatory, and long-acting ocular hypotensive properties consistent with its potent EP2 agonist properties.

### References

1. Coleman RA, et al. Br J Pharmacol. 2018 Oct 20. doi: 10.1111/bph.14525.

*Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!*

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

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