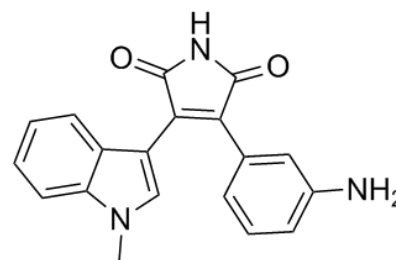


**Product Name** : CP21R7  
**Cat. No.** : PC-42083  
**CAS No.** : 125314-13-8  
**Molecular Formula** : C<sub>19</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 317.3413  
**Target** : GSK-3  
**Solubility** : DMSO: ≥ 32 mg/mL



### Biological Activity

CP21R7 is a high-affinity, selective **GSK3β** inhibitor with IC<sub>50</sub> of 1.8 nM, activates canonical Wnt signaling.

CP21R7 also shows inhibitory activity against PKCα with IC<sub>50</sub> of 1.9 μM.

CP21R7 promotes rapid and efficient differentiation of human pluripotent stem cells (hPSCs) into vascular endothelial and smooth muscle cells.

### References

Patsch C, et al. **Nat Cell Biol.** 2015 Aug;17(8):994-1003.

Sahara M, et al. **Cell Res.** 2014 Jul;24(7):820-41.

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

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