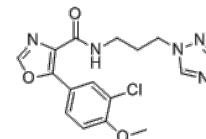


**Product Name** : PF-04802367  
**Cat. No.** : PC-61159  
**CAS No.** : 1962178-27-3  
**Molecular Formula** : C<sub>16</sub>H<sub>16</sub>ClN<sub>5</sub>O<sub>3</sub>  
**Molecular Weight** : 361.786  
**Target** : GSK-3  
**Solubility** : 10 mM in DMSO



## Biological Activity

PF-04802367 (PF-367) is a potent, highly selective **GSK-3** inhibitor with IC<sub>50</sub> of 2.1 nM for human GSK-3β in enzyme assays. PF-04802367 shows equal effectivity against GSK-3α and GSK-3β with IC<sub>50</sub> of 10.0 and 9.0 nM respectively in mobility shift assays.

PF-04802367 inhibits phosphorylation of tau with an IC<sub>50</sub> of 466 nM in a stable inducible CHO cell line over-expressing GSK-3β and substrate tau.

PF-04802367 modulates tau phosphorylation in vitro and in vivo.

## References

Liang SH, et al. *Angew Chem Int Ed Engl.* 2016 Aug 8;55(33):9601-5.

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

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