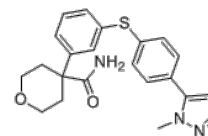


**Product Name** : PF-04191834  
**Cat. No.** : PC-61882  
**CAS No.** : 1029317-21-2  
**Molecular Formula** : C<sub>22</sub>H<sub>23</sub>N<sub>3</sub>O<sub>2</sub>S  
**Molecular Weight** : 393.502  
**Target** : Lipoxygenase  
**Solubility** : 10 mM in DMSO



## Biological Activity

PF-04191834 (PF-4191834) is a potent, non-iron chelating, non-redox, selective and competitive inhibitor of **5-lipoxygenase** (5-LO) with K<sub>i</sub> of 10 nM.

PF-04191834 (PF-4191834) displays 300-fold over 12-LO and 15-LO, and no inhibition of the cyclooxygenase enzymes.

PF-04191834 (PF-4191834) is under clinical investigation for the oral treatment of asthma and pain.

## References

Masferrer JL, et al. J Pharmacol Exp Ther. 2010 Jul;334(1):294-301.

Rzodkiewicz P, et al. Reumatologia. 2016;54(4):161-164. Epub 2016 Oct 5.

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

E-mail: tech@probechem.com