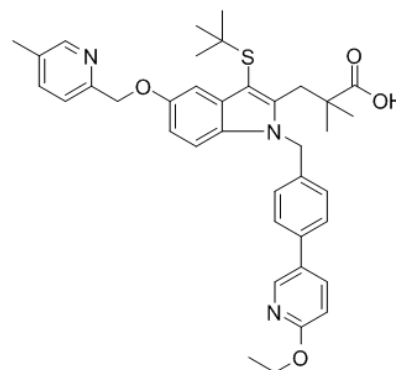


**Product Name** : GSK2190915  
**Cat. No.** : PC-44768  
**CAS No.** : 936350-00-4  
**Molecular Formula** : C<sub>38</sub>H<sub>43</sub>N<sub>3</sub>O<sub>4</sub>S  
**Molecular Weight** : 637.8307  
**Target** : FLAP  
**Solubility** : 10 mM in DMSO



## Biological Activity

Fiboflapon (AM-803, GSK 2190915) is a potent, selective 5-lipoxygenase-activating protein (**FLAP**) inhibitor with binding IC<sub>50</sub> of 2.6 nM.

Fiboflapon (AM-803, GSK 2190915) inhibits LTB<sub>4</sub> synthesis following ionophore challenge in human whole blood with IC<sub>50</sub> of 76 nM (5 h incubation).

Fiboflapon (AM-803, GSK 2190915) shows good selectivity over CYP3A4, 2C9, and 2D6.

Fiboflapon (AM-803, GSK 2190915) exhibits excellent preclinical toxicology, pharmacokinetics and oral bioactivity.

## References

Stock NS, et al. *J Med Chem.* 2011 Dec 8;54(23):8013-29.

Lorrain DS, et al. *Eur J Pharmacol.* 2010 Aug 25;640(1-3):211-8.

Kent SE, et al. *Clin Exp Allergy.* 2013 Feb;43(2):177-86.

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

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