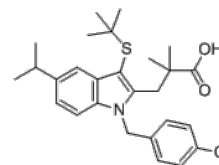


**Product Name** : MK-886  
**Cat. No.** : PC-20006  
**CAS No.** : 118414-82-7  
**Molecular Formula** : C<sub>27</sub>H<sub>34</sub>ClNO<sub>2</sub>S  
**Molecular Weight** : 472.08  
**Target** : FLAP  
**Solubility** : 10 mM in DMSO



### Biological Activity

MK-886 (L-663,536) is a potent, selective and orally active inhibitor of 5-lipoxygenase-activating protein (**FLAP**) with IC<sub>50</sub> of 30 nM.

MK-886 inhibits leukotriene biosynthesis in human polymorphonuclear leukocytes with IC<sub>50</sub> of 3 nM.

MK-886 (10 mg/kg, i.v., 15 min before antigen challenge) suppressed the antigen-induced cysteinyl LT production by greater than 92% in sensitized guinea pigs.

### References

Guhlmann A, et al. *J Exp Med.* 1989 Dec 1;170(6):1905-18.

Gillard J, et al. *Can J Physiol Pharmacol.* 1989 May;67(5):456-64.

Dixon RA, et al. *Nature.* 1990 Jan 18;343(6255):282-4.

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

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