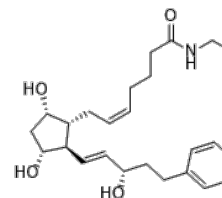


**Product Name** : Bimatoprost  
**Cat. No.** : PC-24011  
**CAS No.** : 155206-00-1  
**Molecular Formula** : C<sub>25</sub>H<sub>37</sub>NO<sub>4</sub>  
**Molecular Weight** : 415.57  
**Target** : Prostaglandin Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Bimatoprost (AGN 192024) is a prostaglandin analog and prostaglandin FP receptor agonist with  $K_i$  of 6.3  $\mu$ M, reduces intraocular pressure by regulating scleral and trabecular outflow.

## References

Brubaker RF, et al. Am J Ophthalmol. 2001 Jan;131(1):19-24.

Sharif NA, et al. Eur J Pharmacol. 2001 Dec 7;432(2-3):211-3.

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

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