

Bimatoprost

Catalog No: tcsc2085



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

155206-00-1

Formula:

$C_{25}H_{37}NO_4$

Pathway:

GPCR/G Protein

Target:

Prostaglandin Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

AGN 192024

Observed Molecular Weight:

415.57

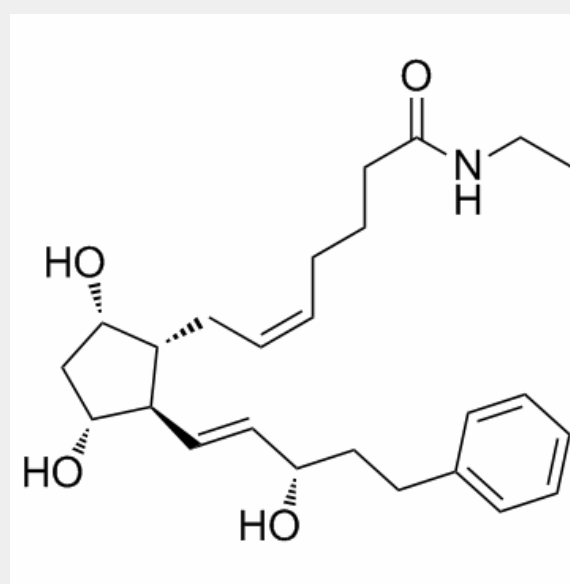
Product Description

Bimatoprost is a prostaglandin analog used topically (as eye drops) to control the progression of glaucoma and in the management of ocular hypertension.

Target: Prostaglandin Receptor

Bimatoprost is a prostaglandin analog/prodrug used topically (as eye drops) to control the progression of glaucoma and in the management of ocular hypertension. It reduces intraocular pressure (IOP) by increasing the outflow of aqueous fluid from the eyes. In December 2008, the indication to lengthen eyelashes was approved by the U.S. Food and Drug Administration (FDA); the cosmetic formulation of bimatoprost is sold as Latisse. In 2008-2011, at least three case series suggested that bimatoprost has the ability to reduce adipose (fat) tissue.

Bimatoprost activates prostamide alpha F2 receptors found in the hair follicle to stimulate its growth rate. Research led by Professor Randall and the University of Bradford found that it may also offer a treatment for scalp hair regrowth in trials conducted on samples taken from men undergoing hair transplants. According to Allergan's package labeling, users of its Latisse cosmetic product didn't develop darker irises in clinical studies; however, "patients should be advised about the potential for increased brown iris pigmentation which is likely to be permanent."



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!