

Commercially Available Prostaglandin Analogs for the Eye Similarities and Differences

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Update on the Mechanism of Action of Topical Prostaglandins for Intraocular Pressure Reduction. Survey of Ophthalmology, 2008, 53, S107-S120.	4.0	260
2	Role of prostaglandins and specific place in therapy of bimatoprost in the treatment of elevated intraocular pressure and ocular hypertension: A closer look at the agonist properties of bimatoprost and the prostamides. Clinical Ophthalmology, 2009, 3, 663.	1.8	12
3	Extracellular Release of ATP Mediated by Cyclic Mechanical Stress Leads to Mobilization of AA in Trabecular Meshwork Cells. , 2009, 50, 5805.		43
4	Beyond TGF- β 2: a prostaglandin promotes fibrosis. Nature Medicine, 2009, 15, 1360-1361.	30.7	33
5	Pharmacotherapy of intraocular pressure " part II. Carbonic anhydrase inhibitors, prostaglandin analogues and prostamides. Expert Opinion on Pharmacotherapy, 2009, 10, 2859-2870.	1.8	47
6	Bimatoprost. Drugs and Aging, 2009, 26, 1049-1071.	2.7	20
7	Differences Between Applanation Tonometry and Dynamic Contour Tonometry in Prostaglandin Analogue-treated Eyes. Journal of Glaucoma, 2010, 19, 347.	1.6	2
9	IOP-lowering efficacy and tolerability of preservative-free tafluprost 0.0015% among patients with ocular hypertension or glaucoma. Current Medical Research and Opinion, 2010, 26, 1905-1913.	1.9	38
10	Interaction of topical alopecia and acne medications: notable stain enhancement by bimatoprost. Journal of the European Academy of Dermatology and Venereology, 2010, 24, 1487-1488.	2.4	1
11	Clinical utility and differential effects of prostaglandin analogs in the management of raised intraocular pressure and ocular hypertension. Clinical Ophthalmology, 2010, 4, 741.	1.8	48
12	A Novel Nitric Oxide Releasing Prostaglandin Analog, NCX 125, Reduces Intraocular Pressure in Rabbit, Dog, and Primate Models of Glaucoma. Journal of Ocular Pharmacology and Therapeutics, 2010, 26, 125-132.	1.4	64
13	Emerging drugs for ocular hypertension. Expert Opinion on Emerging Drugs, 2011, 16, 137-161.	2.4	36
14	Thermal Stability of Bimatoprost, Latanoprost, and Travoprost Under Simulated Daily Use. Journal of Ocular Pharmacology and Therapeutics, 2011, 27, 51-59.	1.4	23
15	Neuroprotective effects of prostaglandin analogues on retinal ganglion cell death independent of intraocular pressure reduction. Experimental Eye Research, 2011, 93, 265-270.	2.6	46
16	First experience with BAK-free travoprost 0.004% in topical glaucoma medication. Clinical Ophthalmology, 2012, 6, 1.	1.8	9
17	Switching patients from preserved prostaglandin-analog monotherapy to preservative-free tafluprost. Clinical Ophthalmology, 2011, 5, 623.	1.8	33
19	Preservative-free tafluprost 0.0015% in the treatment of patients with glaucoma and ocular hypertension. Advances in Therapy, 2011, 28, 575-585.	2.9	26
20	Clinical Options for the Reduction of Elevated Intraocular Pressure. Ophthalmology and Eye Diseases, 2012, 4, OED.S4909.	1.2	40

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21	The Cytotoxic Effects of Preserved and Preservative-Free Prostaglandin Analogs on Human Corneal and Conjunctival Epithelium <i>In Vitro</i> and the Distribution of Benzalkonium Chloride Homologs in Ocular Surface Tissues <i>In Vivo</i> . <i>Current Eye Research</i> , 2012, 37, 145-154.	1.5	52
22	Ocular Drug Delivery for Glaucoma Management. <i>Pharmaceutics</i> , 2012, 4, 197-211.	4.5	54
23	Comparison of Human Ocular Distribution of Bimatoprost and Latanoprost. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2012, 28, 134-145.	1.4	23
24	Randomized crossover study of latanoprost and travoprost in eyes with open-angle glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 123-129.	1.9	13
25	Bimatoprost protects retinal neuronal damage via Akt pathway. <i>European Journal of Pharmacology</i> , 2013, 702, 56-61.	3.5	13
26	Prodrugs: A challenge for the drug development. <i>Pharmacological Reports</i> , 2013, 65, 1-14.	3.3	177
27	A novel convergent synthesis of the potent antiglaucoma agent travoprost. <i>Tetrahedron</i> , 2013, 69, 1634-1648.	1.9	15
28	Therapeutic uses of prostaglandin F _{2±} analogues in ocular disease and novel synthetic strategies. <i>Prostaglandins and Other Lipid Mediators</i> , 2013, 104-105, 109-121.	1.9	27
29	A Novel Convergent Synthesis of the Antiglaucoma PGF _{2±} Analogue Bimatoprost. <i>Chirality</i> , 2013, 25, 170-179.	2.6	11
30	Efficacy and safety of preservative-free latanoprost eyedrops, compared with BAK-preserved latanoprost in patients with ocular hypertension or glaucoma. <i>British Journal of Ophthalmology</i> , 2013, 97, 196-200.	3.9	82
31	Current status of unoprostone for the management of glaucoma and the future of its use in the treatment of retinal disease. <i>Expert Opinion on Pharmacotherapy</i> , 2013, 14, 105-113.	1.8	11
32	Preservative-free tafluprost in the treatment of naive patients with glaucoma and ocular hypertension. <i>Clinical Ophthalmology</i> , 2013, 7, 901.	1.8	12
33	Bimatoprost-Loaded Ocular Inserts as Sustained Release Drug Delivery Systems for Glaucoma Treatment: In Vitro and In Vivo Evaluation. <i>PLoS ONE</i> , 2014, 9, e95461.	2.5	64
34	The diurnal and nocturnal effects of travoprost in normal-tension glaucoma. <i>Clinical Ophthalmology</i> , 2014, 8, 2189.	1.8	5
35	Bimatoprost 0.01% vs bimatoprost 0.03%: a 12-month prospective trial of clinical and in vivo confocal microscopy in glaucoma patients. <i>Eye</i> , 2014, 28, 422-429.	2.1	24
36	The Prostaglandin F _{2±} Analog Fluprostenol Attenuates the Fibrotic Effects of Connective Tissue Growth Factor on Human Trabecular Meshwork Cells. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014, 30, 237-245.	1.4	12
37	Incidence of deepening of the upper eyelid sulcus on treatment with a tafluprost ophthalmic solution. <i>Japanese Journal of Ophthalmology</i> , 2014, 58, 212-217.	1.9	38
38	Safety and efficacy of travoprost solution for the treatment of elevated intraocular pressure. <i>Clinical Ophthalmology</i> , 2015, 9, 633.	1.8	17

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39	Acute corneal toxicity of latanoprost with different preservatives. <i>Cutaneous and Ocular Toxicology</i> , 2016, 35, 1-6.	1.3	9
40	Investigational and experimental drugs for intraocular pressure reduction in ocular hypertension and glaucoma. <i>Expert Opinion on Investigational Drugs</i> , 2016, 25, 1201-1208.	4.1	10
41	Recent Advances in Topical Ocular Drug Delivery. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2016, 32, 67-82.	1.4	136
42	Effect of preservative-free tafluprost on intraocular pressure, pupil diameter, and anterior segment structures in normal canine eyes. <i>Veterinary Ophthalmology</i> , 2017, 20, 34-39.	1.0	15
43	Audible clicking on blinking: an adverse effect of topical prostaglandin analogue medication. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 304-306.	2.6	6
44	Does the intraocular pressure-lowering effect of prostaglandin analogues continue over the long term?. <i>International Ophthalmology</i> , 2017, 37, 619-626.	1.4	5
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49	Ocular hypotensive effects of prostaglandin analogs in Japanese patients with normal-tension glaucoma: a literature review. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 1837-1844.	1.8	7
50	Randomized crossover trial comparing effectiveness and tolerability of generic and brand-name travoprost. <i>Canadian Journal of Ophthalmology</i> , 2019, 54, 223-228.	0.7	7
51	Effects of Preservative on the Meibomian Gland in Glaucoma Patients Treated with Prostaglandin Analogues. <i>Chonnam Medical Journal</i> , 2019, 55, 156.	0.9	13
52	Development and validation of the stability indicating RP-UHPLC method for the determination of the chemical purity and assay of bimatoprost. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 348-359.	2.8	7
53	Medical Therapy for Glaucoma-IOP Lowering Agents. , 2019, , 115-135.		1
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56	Comparing glaucoma medications and general demographics in a sample of glaucoma patients treated in private practice with nationwide registry data in Finland. <i>Acta Ophthalmologica</i> , 2020, 98, 449-454.	1.1	5
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58	The protective effect of 3% diquafosol on meibomian gland morphology in glaucoma patients treated with prostaglandin analogs: a 12-month follow-up study. <i>BMC Ophthalmology</i> , 2020, 20, 277.	1.4	5
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60	Acceptability, adherence and economic analyses of a new clinical pathway for the identification of non-responders to glaucoma eye drops: a prospective observational study. <i>British Journal of Ophthalmology</i> , 2020, 104, 1704-1709.	3.9	1
61	Corneal damage and its recovery after instillation of preservative-free versus preserved latanoprost eye drops. <i>Cutaneous and Ocular Toxicology</i> , 2020, 39, 158-164.	1.3	7
62	Primary Angle-Closure Disease Preferred Practice Pattern®. <i>Ophthalmology</i> , 2021, 128, P30-P70.	5.2	45
63	Prostanoid receptor agonists for glaucoma treatment. <i>Japanese Journal of Ophthalmology</i> , 2021, 65, 581-590.	1.9	27
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65	Effects of Four Formulations of Prostaglandin Analogs on Eye Surface Cells. A Comparative Study. <i>PLoS ONE</i> , 2015, 10, e0129419.	2.5	5
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67	Preferred Control of Chronic Open Angle Glaucoma: Medications vs Surgery. <i>Highlights of Ophthalmology</i> , 2012, 40, 9-17.	0.0	0
68	Isolation, characterization, and docking studies of (Z)-isopropyl 7-((1R, 2R, 3R, 5S)-2-((1E, 2E)-4-oxo-5-oxohept-2-en-1-yl)butanoate) Tafluprost. <i>Current Organic Synthesis</i> , 2020, 17, .	1.3	0
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71	Ophthalmic prostaglandin analogs revisited - A systematic review of commonly used formulations. <i>Kerala Journal of Ophthalmology</i> , 2023, 35, 130-138.	0.1	0