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Timolol Maleate Gel Forming Solution

National Cancer Institute

Source

National Cancer Institute. *Timolol Maleate Gel Forming Solution*. NCI Thesaurus. Code C95714.

A gel forming solution containing the maleate salt of timolol, a propanolamine derivative and a non-selective beta-adrenergic antagonist, with intraocular pressure-reducing activity. Although the precise mechanism of action of timolol's ocular hypotensive action is not clearly established at this time, studies suggest that it may be the result of decreased aqueous humor production (possibly by reduction of blood flow to the ciliary processes and cAMP synthesis) as well as a slight increase in outflow facility. Timolol gel-forming solution can potentially be used topically as well, in the prevention of the neoangiogenesis that may occur following pulsed dye laser treatment of port wine stains.