

(54) Title of the invention : FORMULATION AND EVALUATION OF TROPICAMIDE LOADED NIOSOMAL IN-SITU GEL FOR OCCULAR DRUG DELIVERY

<p>(51) International classification :A61K0009000000, D07B0001060000, G01N0033680000, A61K0047320000, E21B0037000000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Ms. Gayatri Joshi Address of Applicant :Assistant Professor, Pharmacy Academy, IFTM University, Moradabad, Uttar Pradesh - 244102 Moradabad -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Ms. Gayatri Joshi Address of Applicant :Assistant Professor, Pharmacy Academy, IFTM University, Moradabad, Uttar Pradesh - 244102 Moradabad -----</p> <p>2)Dr. Abhishek Tiwari Address of Applicant :Professor, Pharmacy Academy, IFTM University, Moradabad, Uttar Pradesh - 244102 Moradabad -----</p> <p>3)Dr. Navneet Verma Address of Applicant :Professor, Pharmacy Academy, IFTM University, Moradabad, Uttar Pradesh - 244102 Moradabad -----</p> <p>4)Dr. Varsha Tiwari Address of Applicant :Professor, Pharmacy Academy, IFTM University, Moradabad, Uttar Pradesh - 244102 Moradabad -----</p> <p>5)Ms. Ramsha Aslam Address of Applicant :Assistant Professor, Devsthali Vidyapeeth College of Pharmacy, Lalpur, Rudrapur, Uttarakhand - 263148 Rudrapur -----</p> <p>6)Mr. Vikas Bhatt Address of Applicant :Assistant Professor, Devsthali Vidyapeeth College of Pharmacy, Lalpur, Rudrapur, Uttarakhand - 263148 Rudrapur -----</p> <p>7)Ms. Disha Dutta Address of Applicant :Assistant Professor, Devsthali Vidyapeeth College of Pharmacy, Lalpur, Rudrapur, Uttarakhand - 263148 Rudrapur -----</p> <p>8)Ms. Anjali Singh Address of Applicant :Assistant Professor, Raj Kumar Goel Institute of Technology (Pharmacy), Ghaziabad, Uttar Pradesh - 201003 Ghaziabad --</p> <p>9)Ms. Farha Sultana Address of Applicant :Assistant Professor, Raj Kumar Goel Institute of Technology (Pharmacy), Ghaziabad, Uttar Pradesh - 201003 Ghaziabad --</p>
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(57) Abstract :

The present invention relates to the formulation and evaluation of tropicamide loaded niosomal in-situ gel. Most of the ocular dosage form show Poor ocular bioavailability is due to preclearance of drug as well as low penetrability and less residence time. To increase the ocular bioavailability, it is important that drug should permeate through the cornea as well at the same time slow down the removal of the drug from ocular cavity.

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