

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211062899 A

(19) INDIA

(22) Date of filing of Application :03/11/2022

(43) Publication Date : 10/05/2024

(54) Title of the invention : IN-SITU THERMOSENSITIVE MUCOADHESIVE NASAL GEL FOR THE DELIVERY OF OLANZAPINE

(51) International classification	:A61K0009000000, A61P0025180000, A61K0047100000, A61P0025000000, A61P0043000000	(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala Punjab India 2)Chitkara Innovation Incubator Foundation
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)KUMAR, Arun
(33) Name of priority country	:NA	2)GARIMA
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an in-situ thermoreversible (thermosensitive) mucoadhesive nasal gel for delivering Olanzapine for the management or treatment or prevention of psychotic disorders by blocking the p-gp / cytochrome p-450 efflux system, which results in maximum bioavailability. The present invention further relates to a method for preparing the same.

No. of Pages : 33 No. of Claims : 11