

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2024

(21) Application No.202411105104 A

(43) Publication Date : 10/01/2025

(54) Title of the invention : CONTROLLED-RELEASE FORMULATION OF 4?8C FOR NEUROPROTECTIVE ACTIVITY IN TYPE-2 DIABETES MELLITUS

(51) International classification

(86) International Application No

(87) International Publication No

(61) Patent of Addition to Application Number

(62) Divisional to Application Number

:A61P0025280000, A61P0003100000, A61K0009200000, A61P0025000000, A61K0009127000

:NA

:NA

:NA

:NA

:NA

:NA

(71)Name of Applicant :

1)Chitkara University

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----

2)Chitkara Innovation Incubator Foundation

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Dr. Ashi Mannan

Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----

2)Dr. Thakur Gurjeet Singh

Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----

3)Shareen Singh

Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----

(57) Abstract :

The present invention relates to a Controlled-Release Formulation of for neuroprotective activity in type-2 Diabetes mellitus wherein the controlled release formulation is in the form of an oral tablet and a nanoparticle lipid carrier system and a process for preparation thereof.

No. of Pages : 26 No. of Claims : 7