

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311022129 A

(19) INDIA

(22) Date of filing of Application :27/03/2023

(43) Publication Date : 19/05/2023

(54) Title of the invention : SORAFENIB COCRYSTAL LOADED SOLID LIPID NANOPARTICLES, AND A METHOD FOR PREPARING THE SAME

<p>(51) International classification :A61K 091400, A61K 095100, A61K 314400, B82Y 300000, C07D 138100</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</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 : <b>1)Chitkara University</b> Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p><b>2)Chitkara Innovation Incubator Foundation</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)SHARMA, Teenu</b> Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----- --</p> <p><b>2)GARG, Sahil</b> Address of Applicant :University Institute of Pharmacy, Panjab University, Sector 14, Chandigarh - 160014, India. Chandigarh --- -----</p> <p><b>3)BHOOP, Bhupinder Singh</b> Address of Applicant :University Institute of Pharmacy, Panjab University, Sector 14, Chandigarh - 160014, India. Chandigarh --- -----</p> <p><b>4)SINGH, Thakur Gurjeet</b> Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----- --</p>
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(57) Abstract :

The present disclosure pertains to a Solid lipid nanoparticle (SLN) for oral delivery of an active substance in a therapeutically effective amount. In particular, the present disclosure provides a SLN loaded with comprising Sorafenib Tosylate (SFB) cocrystal, and a method of preparing the same. Incorporation of SFB cocrystal into the SLNs facilitate better bioavailability of SFBs when administered through oral route.

No. of Pages : 27 No. of Claims : 14