

PATENT NO. 389777
ANTI-CANCER NIFETEPIMINE NANOFORMULATION

APPLICATION NO. 858/KOL/2015

APPLICANT

Bose Institute Department of
Biotechnology (DBT)

ABSTRACT

A stable anti-cancer nifetepimine nanoformulation involving stable controlled release nanoencapsulated nifetepimine comprising of PLGA Poly (lactic-co-glycolic acid) nanoencapsulated nifetepimine favouring synergistically enhanced bioavailability of nifetepimine and its selective and significantly special therapeutic efficacy towards cancer cells. Anti cancer nifetepimine nanoformulation as having about 75% intracellular internalization capability with reduced toxicity towards normal cells has enhanced therapeutic efficacy inducing apoptosis in cancer cells.

INVENTOR

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CLAIM 1

Anticancer nifetepimine nanoformulation comprising stable controlled release nanoencapsulated nifetepimine which is PLGA Poly (lactic-co-glycolic acid) nanoencapsulated nifetepimine favouring synergistically enhanced bioavailability of nifetepimine and its selective therapeutic efficacy towards cancer cells.

कमांक : 011148341
SL No :

INTELLECTUAL PROPERTY INDIA
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भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

पेटेंट नं. / Patent No. : 401416
अर्पण नं. / Application No. : 2589/DEL/2006
प्रदान करने की तारीख / Date of Filing : 04/12/2006
पेटेटी / Patentee : BANARAS HINDU UNIVERSITY
अविष्कारक (नवां लागू से) / Inventor(s) : 1.NAWAL KISHORE DUBEY 2.RAJESH KUMAR

प्रमाणित किया जाता है कि पेटेटी को, उपरोक्त आवेदन में यथाप्रकटित "NOVEL COMPOSITION FOR CONTROLLING STORAGE PESTS AND MYCOTOXIN PRODUCTION" नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबन्धों के अनुसार आज तारीख दिनांक 2006 के चौथे दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled "NOVEL COMPOSITION FOR CONTROLLING STORAGE PESTS AND MYCOTOXIN PRODUCTION" as disclosed in the above mentioned application for the term of 20 years from the 4th day of December 2006 in accordance with the provisions of the Patents Act,1970.

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प्रदान की तारीख
Date of Grant : 15/07/2022
Controller of Patent

टिप्पणी - इस पेटेंट के अक्षेपण से लिए, सील, यदि इसे बनाए रखा जाय है, दिसम्बर 2008 के चौथे दिन को और उसके पचास प्रत्येक वर्ष में उन्नीस दिन तक रहेगी।
Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 4th day of December 2008 and on the same day in every year thereafter.