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PATENTS | DESIGNS | TRADE MARKS
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सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 022102293
SL No :



पेटेंट सं. / Patent No. : 295737
आवेदन सं. / Application No. : 2704/MUM/2009
फाइल करने की तारीख / Date of Filing : 23/11/2009
पेटेंटी / Patentee : Saurashtra University

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित METHOD FOR EXTRACTION OF ALGAE RETAINING HIGHER ANTIOXIDANT ACTIVITY नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख 23rd day of November 2009 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled METHOD FOR EXTRACTION OF ALGAE RETAINING HIGHER ANTIOXIDANT ACTIVITY as disclosed in the above mentioned application for the term of 20 years from the 23rd day of November 2009 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 13/04/2018
Date of Grant :

Okraj
पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 23rd day of November 2011 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 23rd day of November 2011 and on the same day in every year thereafter.



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सत्यमेव जयते

क्रमांक : 022104608
SL No :



भारत सरकार
GOVERNMENT OF INDIA

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THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

पेटेंट सं. / Patent No. : 312224
आवेदन सं. / Application No. : 144/MUM/2011
फाइल करने की तारीख / Date of Filing : 17/01/2011
पेटेंटी / Patentee : Saurashtra University

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित BACTERIOCIN AND USES OF THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 17th day of January 2011 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled BACTERIOCIN AND USES OF THEREOF as disclosed in the above mentioned application for the term of 20 years from the 17th day of January 2011 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 02/05/2019
Date of Grant :

Okrajt
पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 17th day of January 2013 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 17th day of January 2013 and on the same day in every year thereafter.



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- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
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(54) **Title:** NOVEL PROCESSES FOR PREPARING TRIAZOLO [4,5-D]- PYRIMIDINES, INCLUDING TICAGRELOR, VI-ANEW INTERMEDIATES AND NEW ROUTE OF SYNTHESIS.

(57) **Abstract:** The present invention relates to novel processes for preparing triazolo [4,5-d] pyrimidines, including Ticagrelor, via new intermediates and new routes of synthesis. The synthesis begins with readily available and inexpensive starting material such as 5-nitro-2,4,6-trichloropyrimidine and leads to series of novel intermediates, which are commercially viable and industrially advantageous (solid intermediates, high yields and convenient experimental condition) for the preparation of highly pure Ticagrelor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201821043831 A

(19) INDIA

(22) Date of filing of Application :21/11/2018

(43) **Publication Date : 22/05/2020**

(54) Title of the invention : CHROMANE COMPOUNDS AS ANTI-CANCER AGENTS

(51) International classification	:C07D 311/00 C07D 405/00	(71) Name of Applicant : 1)Saurashtra University Address of Applicant :Dolaray mankad marg Rajkot Gujarat India Gujarat India
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(32) Priority Date	:NA	1)Ranjan C. Khunt
(33) Name of priority country	:NA	2)Vijay M. Khedkar
(86) International Application No	:NA	3)Kaushikkumar S. Lunagariya
Filing Date	:NA	4)Jyoti N. Gohel
(87) International Publication No	: NA	5)Kaushik D. Pambhar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Chromane compounds as Anti-cancer agents The present invention relates to chromane compounds of Formula (I), pharmaceutically acceptable salts thereof, process of their preparation and pharmaceutical compositions for treatment of cancer.

No. of Pages : 32 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201721000819 A

(19) INDIA

(22) Date of filing of Application :09/01/2017

(43) Publication Date : 10/02/2017

(54) Title of the invention : CARBON NANO-DOT BASED LYCOPERSICUM SOLAR CELL •

(51) International classification	:H01L 31/00	(71)Name of Applicant :
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(32) Priority Date	:NA	Address of Applicant :Khodiyar Krupa A-Malaviya Nagar Opp.Bloack No.64 Street No. 1, Rajkot Gujarat India
(33) Name of priority country	:NA	2)Nikesh A. Shah
(86) International Application No	:NA	3)Dhiren D. Pandya
Filing Date	:NA	4)Chetan M. Thakar
(87) International Publication No	: NA	5)Piyush S. Solanki
(61) Patent of Addition to Application Number	:NA	6)Kaushik R. Babiya
Filing Date	:NA	7)Nehal U. Faldu
(62) Divisional to Application Number	:NA	8)Tushar G. Monapara
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(57) Abstract :

ABSTRACT: Carbon nano- dot based lycopersicum solar cell is a candidate material to formulate more efficient Nano solar cell, as compared to conventional solar cell. Primarily due to its simple, cost effective techniques, for the manufacturing of dye-synthesize solar cell with an arrangement of superior light absorption capacity without increasing the size parameters of cell, which play a vital role in the dye-sensitized solar cell and also to run the carbon dot based DSSC with high efficiency at lower cost. It is also suitable to run and to control electrical appliances. As a result the major enhancement in the current technology from an environmental point of view would be to increase its transmission efficiency from solar radiation to electrical power generation and still use restrained energy required. Keywords: Carbon Nano-dot, Dye Synthesized Solar cell, More efficient, Low cost.

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.201821035858 A

(19) INDIA

(22) Date of filing of Application :24/09/2018

(43) Publication Date : 27/03/2020

(54) Title of the invention : ROD LIKE NANO-SIZED AZIDOPENTAAMMINECOBALT(III)COMPLEXES AS TEXTILE DYEING AGENTS

(51) International classification	:A61K0031280000, C07D0207160000, C25B0001040000, C25B0009060000, D06M0016000000	(71)Name of Applicant : 1)Saurashtra University Address of Applicant :Saurashtra University Dolaray mankad marg Rajkot Gujarat Gujarat India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)Ranjan C. Khunt
(32) Priority Date	:NA	2)Jagriti Behal
(33) Name of priority country	:NA	3)Varinder Kaur
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Rod like nano-sized azidopentaamminecobalt(III)complexes as textile dyeing agents The invention relates to a process of preparation of nano-sized azidopentaamminecobalt(III)complexes. In particular the invention provides a process of preparation of rod shaped nano-sized azidopentaamminecobalt(III)complexes $[\text{Co}(\text{NH}_3)_5\text{N}_3](3\text{-nitrophenolate})_2 \cdot \text{H}_2\text{O}$, $[\text{Co}(\text{NH}_3)_5\text{N}_3](4\text{-nitrophenolate})_2$ and $[\text{Co}(\text{NH}_3)_5\text{N}_3](2, 4\text{-dinitrophenolate})_2$ by sonochemical method and their use in textile dyeing.

No. of Pages : 27 No. of Claims : 6