पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 17/2022 ISSUE NO. 17/2022

शुक्रवार FRIDAY दिनांकः 29/04/2022

DATE: 29/04/2022

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

(19) INDIA

(22) Date of filing of Application :25/10/2020

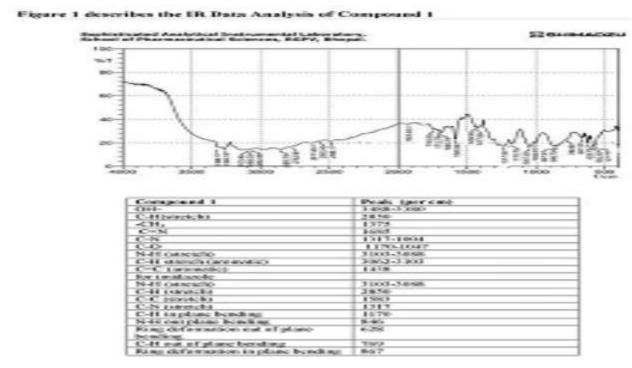
(43) Publication Date: 29/04/2022

(54) Title of the invention: SYNTHESIS OF DERIVATIVES OF 4, 5-DIMETHYL-1-PHENYL-1H-IMIDAZOLE RELATED COMPOUNDS AND THEIR EVALUATION'

(51) International classification	:H01M0004860000, C07D0487040000, G06Q0010060000, B23P0019000000, B05C0017005000	(71)Name of Applicant: 1)Dilipkumar Pal Address of Applicant:SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur, C.G., 495 009, India. Mobile no: 7389263761
(31) Priority Document No	:NA	Chattisgarh India
(32) Priority Date	:NA	2)Khusboo Raj
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Dilipkumar Pal
Filing Date	:NA	2)Khusboo Raj
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention of the application discloses the Synthesis of five novel compounds i.e. 2-(4,5-dimethyl-1-phenyl-1H-imidazol-2-yl) 6-methoxyphenol; 2-(4-bromophenyl)-4,5-dimethyl-1-phenyl-1H-imidazole; 2-(4-methoxyphenyl)-4,5-dimethyl-1-phenyl-1H-imidazole and 4,5-dimethyl-2-(4-nitrophenyl)-1- phenyl-1H-imidazole by multiple component assembly process and evaluated the same for nootropics and anti-depressant activities



No. of Pages: 24 No. of Claims: 6