

पेटेंट कार्यालय  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

---

---

निर्गमन सं. 11/2022  
ISSUE NO. 11/2022

शुक्रवार  
FRIDAY

दिनांक: 18/03/2022  
DATE: 18/03/2022

---

---

पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : SYNTHESIS AND ANTIPSYCHOTIC ACTIVITY OF 1-(4-(2-(4-PHENYLPYPERAZIN-1-YL) ETHOXY) PHENYL) ETHANONE

(51) International classification :G01R0033460000, B01J0019000000, G06F0016953500, G21K0004000000, C07D0295130000

(86) International Application No :NA  
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA  
Filing Date :NA

(62) Divisional to Application Number :NA  
Filing Date :NA

**(71)Name of Applicant :****1)Dr. Sushil Kumar**

Address of Applicant :Professor & Director, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----

**2)Mr. Ashish Sharma****3)Dr. Shweta Verma****4)Ms. Heena Farooqui**

**Name of Applicant : NA**

**Address of Applicant : NA**

**(72)Name of Inventor :****1)Dr. Sushil Kumar**

Address of Applicant :Professor & Director, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----

**2)Mr. Ashish Sharma**

Address of Applicant :M. Pharm., Research Scholar, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----

**3)Dr. Shweta Verma**

Address of Applicant :Associate Professor, Pharmacy Academy, Faculty of Pharmacy, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----

**4)Ms. Heena Farooqui**

Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----

**(57) Abstract :**

The present invention relates to the synthesis of Phenylpiperazine derivatives for the treatment of conditions of psychosis. The characterizations of synthesized compounds were done by using IR, H1NMR, and NMR spectroscopies. The synthesized compound is potent neuroleptic agents that can be used in the treatment of psychotic conditions such as schizophrenia and also used in the treatment of cerebral disorders such as aggressiveness. The synthesized compound had shown enhanced effectiveness in the treatment of psychotic conditions, or psychosis in humans.

No. of Pages : 9 No. of Claims : 3