

पेटेंट कार्यालय  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

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

शुक्रवार  
FRIDAY

दिनांक: 18/03/2022  
DATE: 18/03/2022

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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : SYNTHESIS AND ANTIANXIETY ACTIVITY OF 7-(2-(2-(3-(4-FLUOROPHENYL) ACRYLOYL) PHENOXY) ETHOXY)-4-METHYL-2H-CHROMEN-2-ONE

(51) International classification :A01K0067027000, A61K0031580000, C07K0014470000, C12N0015850000, A23C0019032000

(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

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(57) Abstract :

The present invention relates to the synthesis and antianxiety activity of 7-(2-(2-(3-(4-fluorophenyl) acryloyl) phenoxy) ethoxy)-4-methyl-2h-chromen-2-one. The anxiolytic activity of 7-(2-(2-(3-(4-fluorophenyl) acryloyl) phenoxy) ethoxy)-4-methyl-2H-chromen-2-one was performed by elevated plus maze method and skeletal muscle relaxant activity was carried out by Rotarod method in Swiss albino mice. Compound 7-(2-(2-(3-(4-fluorophenyl) acryloyl) phenoxy) ethoxy)-4-methyl-2H-chromen-2-one was showed better antianxiety and skeletal muscle relaxant activity in Swiss albino mice as compare with standard drug.

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