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(71)**Name of Applicant :**
1)Vinod Kumar
Address of Applicant :Department of Chemistry Central University of Haryana Mahendergarh ---------- ----------
2)Central University of Haryana
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)Vinod Kumar
Address of Applicant :Department of Chemistry, School of Basic Sciences, Central University of Haryana, Mahendergarh-123031, Haryana, India Mahendergarh ---------- ----------
2)Manshu Choudhary
Address of Applicant :Department of Chemistry, School of Basic Sciences, Central University of Haryana, Mahendergarh-123031, Haryana, India Mahendergarh ---------- ----------
3)Aman Kumar
Address of Applicant :Department of Chemistry, School of Basic Sciences, Central University of Haryana, Mahendergarh-123031, Haryana, India Mahendergarh ---------- ----------
4)Pragati Yadav
Address of Applicant :Department of Chemistry, School of Basic Sciences, Central University of Haryana, Mahendergarh-123031, Haryana, India Mahendergarh ---------- ----------
5)Pratima Kumari
Address of Applicant :Department of Chemistry, School of Basic Sciences, Central University of Haryana, Mahendergarh-123031, Haryana, India Mahendergarh ---------- ----------
6)Manoj Kumar Gupta
Address of Applicant :Department of Chemistry, School of Basic Sciences, Central University of Haryana, Mahendergarh–123031, Haryana, India Mahendergarh ---------- ----------

(57) Abstract :
The 1,3,4-Oxadiazole ring has emerged as an important class in medicinal chemistry due to its diverse pharmacological properties. This heterocyclic scaffold possesses promising potential for applications in biological activities, material science, agriculture etc. This invention constitutes a substantial advancement in regioselective and mechanochemical protocol for synthesis of phenacyl-substituted 3,5-dimethylpyrazole linked 1,3,4-oxadiazole derivatives.

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