



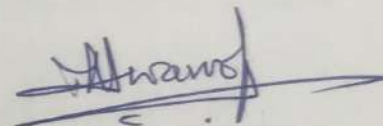
**UNIVERSITY OF MYSORE**

**CERTIFICATE**

This is to certify that the dissertation entitled "**Preparation of *rac*-diethyl 2-(1-cyano-3-methylbutyl)malonate a key starting material for Pregabalin**" is the bonafide work submitted by **Manoj S** bearing **Roll no. P01ZZ21S0631** for the partial fulfilment of award of Master's degree in M.Sc. Organic Chemistry is the result of work carried out under the guidance of **Dr. T. R. SWAROOP**, DOS in Organic Chemistry, University of Mysore, Mysore.

Date:

Place: Mysuru



**Dr. T R Swaroop**  
**Assistant professor,**  
**DOS in organic chemistry,**  
**Manasagangotri,**  
**University of Mysore**



### Certificate of External Guide

This is to certify that the dissertation entitled “Preparation of *rac*-diethyl 2-(1-cyano-3-methylbutyl)malonate, a key starting material for pregabalin” submitted by MANOJ S Reg No.: P01ZZ21S0631 to Manasagangotri, University of Mysore, Mysuru, Karnataka, for the Master degree in Organic Chemistry is his original work, based on the results of the experiments and investigations carried out independently by him during the period 03-May-2023 to 24-July-2023 of study under my guidance at CSIR-IICT, Hyderabad.

This is also to certify that the above said work has not previously submitted for the award of any degree, diploma and fellowship in any Indian or Foreign University.

Dr. T. Kumaraguru  
Scientist, OSPC  
CSIR-IICT

Dr. T. KUMARAGURU  
Scientist

Department of Organic Synthesis & Process Chemistry  
CSIR-Indian Institute of Chemical Technology  
(Ministry of Science and Technology, Govt. of India)  
Tarnaka, Hyderabad-500 007, Telangana, India.

Place: HYDERABAD

Date: 24/07/2023