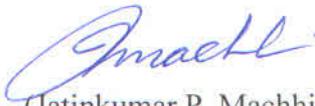


DECLARATION

In accordance with university ordinance O.Ph.D.:8 (iii), the undersigned states that the work presented in this thesis entitled "**Evaluation of neurological efficacy of some novel heterocyclics**" comprises independent investigations carried out by me. Wherever references have been made to the work of others, it has been clearly indicated with the source of information under the title of references at the end of each section.

Date: 06/09/2016

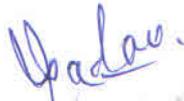
Place: Vadodara


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Certified by and forwarded through research guide and co-guide,


Guide

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CERTIFICATE

This is to certify that the thesis entitled "**Evaluation of neurological efficacy of some novel heterocyclics**" submitted for the Ph. D. Degree in Pharmacy by Mr. Jatinkumar P. Machhi incorporates the original research work carried out by him under our supervision and no part of this work has been previously submitted for any degree.

Guide

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CERTIFICATE

This is to inform that the following publications have arisen out of the research work carried out by our Ph.D. student Mr. Jatinkumar P. Machhi who wishes to submit thesis entitled “**Evaluation of neurological efficacy of some novel heterocyclics**” to The Maharaja Sayajirao University of Baroda, Vadodara for the award of Ph.D. in Pharmacy.

Kirti Patel

Guide

Dr. Kirti Patel

M. R. Yadav

Co-Guide

Prof. M. R. Yadav

1. Mahesh Shidore, **Jatin Machhi**, Kaushik Shingala, Prashant Murumkar, Mayank Kumar Sharma, Neetesh Agrawal, Ashutosh Tripathi, Zalak Parikh, Prakash Pillai and Mange Ram Yadav. Benzylpiperidine-linked diarylthiazoles as potential anti-Alzheimer's agents: Synthesis and biological Evaluation. *J Med Chem*, 2016, 59(12), 5823–5846.
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