SYNTHESIS OF 3,5-DIARYLISOXAZOLE USING POTASSIUM IODIDE AND OXONE

A Dissertation for

Course code and Course title: CHO-651-Dissertation

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M.Sc. (Organic chemistry)

By

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Under the supervision of

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GOA UNIVERSITY

Date: April 2024



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DECLARATION BY STUDENT

I hereby declare that the data presented in this Dissertation report entitled, "Synthesis of 3,5-diarylisoxazole using potassium iodide and Oxone" is based on the results of investigations carried out by me in the Master of Science in Chemistry at the School of Chemical Science, Goa University under the Supervision of Dr SAMATA E. SHETGAONKAR and the same has not been submitted elsewhere for the award of a degree or diploma by me. Further, I understand that Goa University or its authorities will be not be responsible for the correctness of observations / experimental or other findings given the dissertation. I hereby authorize the University authorities to upload this dissertation on the dissertation repository or anywhere else as the UGC regulations demand and make it available to any one as needed.

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COMPLETION CERTIFICATE

This is to certify that the dissertation report "Synthesis 3,5-diarylisoxazole using potassium iodide and Oxone" is a bonafide work carried out by Miss Asmita Bhaktaraj Phadte under my supervision in partial fulfilment of the requirements for the award of the degree of Master of Science in Chemistry at the School of Chemical Sciences, Goa University.

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