

Synthesis of Alkyne precursor for oxidative 1,5 – hydride shift / cyclization
and preparation of α - chloroketone using Pinnick oxidation Reaction

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By

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22P049007

Under the supervision of

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GOA UNIVERSITY

April 2024



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DECLARATION :

I hereby declare that the data present in this dissertation report entitled, **Synthesis of alkyne precursor for oxidative 1,5-hydride shift / cyclization and preparation of α -chloro ketone using pinnick oxidation reaction** is based on the results of investigations carried out by me in the M.Sc. Organic Chemistry lab at the School of Chemical Sciences, Goa University under the supervision of Dr. Rupesh Kunkalkar and same has not been submitted elsewhere by me. Further, I understand that Goa University or its authorities will not be responsible for the correctness of observation / experiments.

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CERTIFICATE :

This is to certify that the dissertation report **Synthesis of Alkyne precursor for oxidative 1,5-hydride shift / cyclisation and preparation of α – chloroketone using Pinnick oxidation Reaction** is a bonafide work carried out by Miss Anushka Avdhoot Fulari under my supervision in partial fulfilment of the requirements of the degree of Master of Science in the Discipline Organic Chemistry at the School of Chemical Science ,Goa University.



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