

**Interaction of selenenylsulfide intermediates of glutathione peroxidase  
mimics with glutathione reductase: A molecular docking study**

A Dissertation for

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M.Sc. in Physical Chemistry

by

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## DECLARATION

I hereby declare that the data presented in this Dissertation report entitled, "Interaction of selenenylsulfide intermediates of glutathione peroxidase mimics with glutathione reductase: A molecular docking study", is based on the results of investigations carried out by me in the Physical Chemistry at the School Of Chemical Sciences, Goa University under the Supervision of Mr. Vishnu Chari 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 not be responsible for the correctness of observations / experimental or other findings given the dissertation.

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Heidi Giselle Araujo

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Date: 29.04.2024

Place: Goa University

## COMPLETION CERTIFICATE

This is to certify that the dissertation report "Interaction of selenenylsulfide intermediates of glutathione peroxidase mimics with glutathione reductase: A molecular docking study" is a bonafide work carried out by Ms. Heidi Giselle Araujo under my supervision in partial fulfilment of the requirements for the award of the degree of Master of Science in Chemistry in the Discipline Physical Chemistry at the School of Chemical Sciences, Goa University.

*29/04/2024*  
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