



A Project Report on

**TO DESIGN SOME NOVEL ACTINONIN
DERIVATIVES AS HSPDF AND HCT INHIBITORS
BY STRATEGIC AMALGAMATION OF LIGAND
AND STRUCTURE-BASED DRUG DESIGN**

Submitted by

ANIK MUKHOPADHYAY

University Regn. No. – 201890201910018 of 2020-21

Roll No. – 18901920087

Under the guidance of

Dr. Souvik Basak

Associate Professor, BCRCP

In partial fulfilment of the Requirement for the Degree of
Bachelor of Pharmacy


Submitted to

**Maulana Abul Kalam Azad University of Technology
West Bengal**

**Dr. B. C. Roy College of Pharmacy and Allied Health Sciences
Durgapur 713206**

Academic Year: 2023 - 2024




Prof. (Dr.) Sanir Kumar Samanta
M. Pharm., Ph.D. (J.U.)
Principal
Dr. B. C. Roy College of Pharmacy & AHS
Durgapur, West Bengal-713206

DECLARATION

I hereby declare that the Project entitled "To design some novel Actinonin derivatives as HsPDF and HCT inhibitors by strategic amalgamation of ligand and structure-based drug design" in partial fulfilment of the requirement for the award of Bachelor of Pharmacy submitted to Maulana Abul Kalam Azad University of Technology, West Bengal, is an authentic record of bona fide work carried out by me under the guidance of Dr. Souvik Basak.

The matter embodied in this Project has not been submitted for the award of any other degree or diploma to any University / Institution.

Anik Mukhopadhyay

Signature

Name of Candidate: ANIK MUKHOPADHYAY

Roll No: 18901920087

Date: 03/06/24

Place: Durgapur



[Signature]
Prof. (Dr.) Souvik Kumar Samanta
M. Pharm., Ph.D (J.U.)
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CERTIFICATE

This is to certify that the Project entitled "To design some novel Actinonin derivatives as HsPDF and HCT inhibitors by strategic amalgamation of ligand and structure-based drug design" by Anik Mukhopadhyay in partial fulfilment for the BACHELOR OF PHARMACY under MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY is a record of the original research work under our supervision and up to our satisfaction. To our knowledge, neither his/her thesis nor any part of it has been submitted for any other academic award anywhere before. The thesis is forwarded to Controller of Examination MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY for assessment.

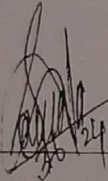
Sonali Basu
21/6/24

Signature of Supervisor

Name of Supervisor:

Date:

Place:



PROF (DR.) SAMIR KR. SAMANTA

(PRINCIPAL)

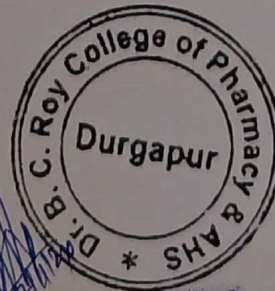
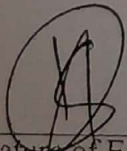
Date:

Place:

Signature of External Examiner

Date:

Place:



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