

UNIVERSITY OF NORTH BENGAL DEPARTMENT OF CHEMISTRY

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Ref. No	Dated20

CERTIFICATE

I certify that Mr. Prasanjit Ghosh has prepared the thesis entitled Synthesis of functionalized 4-quinolones and their reactions: Approaches towards bioactive molecules for the award of Ph.D. degree of the University of North Bengal, under my guidance. He has carried out the work at the Department of Chemistry, University of North Bengal. No part of this thesis has formed the basis for the award of any degree or fellowship previously.

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