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# UNIVERSITY OF NORTH BENGAL

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## DEPARTMENT OF CHEMISTRY

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### CERTIFICATE

I certify that Mr. Biswajit Mondal has prepared the thesis entitled “**Novel Pd-Catalyzed Carbon-Carbon and Carbon-Heteroatom Cross Coupling Reactions towards the Synthesis of Diverse Functional Molecules**” for the award of Ph.D. degree of the University of North Bengal, under my guidance and co-guidance of Dr. Mrinalkanti Kundu. He has carried out the work at the Department of Chemistry, University of North Bengal and TCG Lifesciences Pvt. Ltd, Kolkata. No part of this thesis has formed the basis for the award of any degree or fellowship previously.

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DATE: 22-02-2021

## TCG Lifesciences Private Limited

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A handwritten signature in blue ink, appearing to read 'Mrinalkanti Kundu'.

**Dr. Mrinalkanti Kundu**  
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