

**THEORETICAL STUDIES OF THE EXCITED-STATE PROTON TRANSFER  
REACTIONS OF 7-AZAINDOLE WITH METHANOL CLUSTERS  
AND 2-(IMINOMETHYL)PHENOL DERIVATIVES**

**RATHAWAT DAENGNERN**

**MASTER OF SCIENCE**

**IN CHEMISTRY**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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**RATHAWAT DAENGNERN**

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
MASTER OF SCIENCE  
IN CHEMISTRY**

**THE GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY**

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THIS THESIS HAS BEEN APPROVED  
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