

NOVEL SYNTHESIS PATHWAY FOR (*R*)-PHENYLEPHRINE

WIPANOOT BAISON

**DOCTOR OF PHILOSOPHY
IN CHEMISTRY**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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**THE GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

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NOVEL SYNTHESIS PATHWAY FOR (*R*)-PHENYLEPHRINE

WIPANOOT BAISON

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

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THIS THESIS HAS BEEN APPROVED
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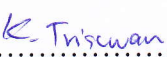
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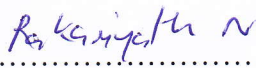

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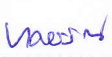

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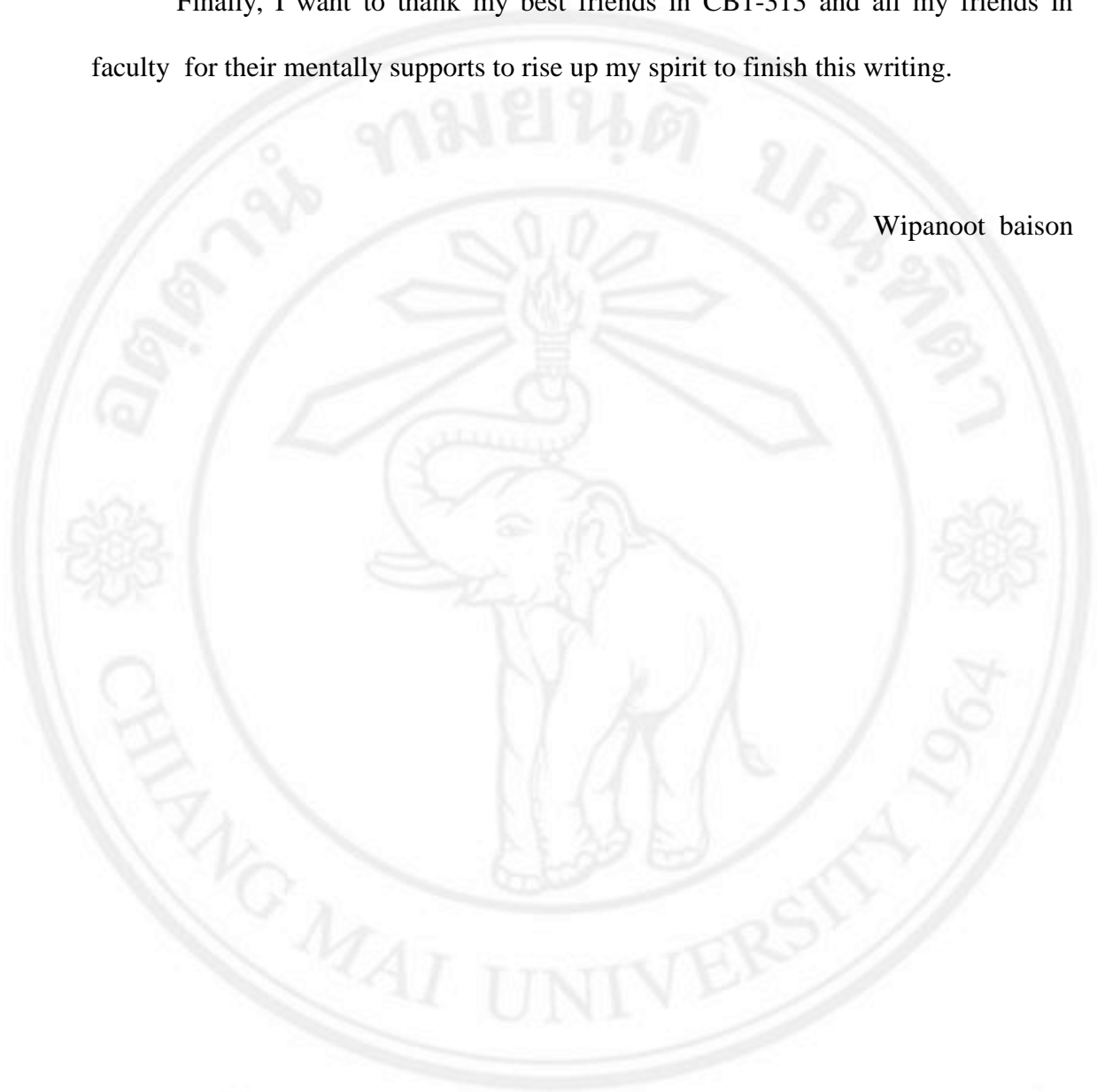
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Wipanoot baison



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