

**SYNTHESIS OF NAPHTHOQUINONE DERIVATIVES AND
PIPERINE ANALOGUES**

WANTHANI PAENGSRİ

**DOCTOR OF PHILOSOPHY
IN CHEMISTRY**

**THE GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

SEPTEMBER 2012

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WANTHANI PAENGSRİ

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

**THE GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

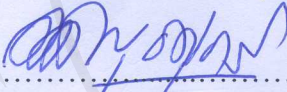
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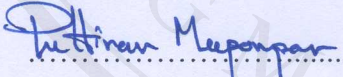
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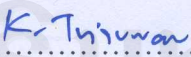
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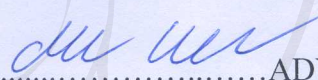

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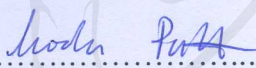

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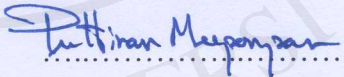
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