



**THESIS APPROVAL**  
**GRADUATE SCHOOL, KASETSART UNIVERSITY**

\_\_\_\_\_  
Doctor of Philosophy (Chemistry)

**DEGREE**

\_\_\_\_\_  
Chemistry

**FIELD**

\_\_\_\_\_  
Chemistry

**DEPARTMENT**

**TITLE:**     Theoretical Investigation on Y181C and K103N/Y181C HIV-1  
Reverse Transcriptase Complexed with Efavirenz, Based on  
ONIOM Method

**NAME:**     Miss Pensri Srivub

**THIS THESIS HAS BEEN ACCEPTED BY**

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